

V O L V O



Volvo Excavators 52.4 - 55.8 t 435 hp

# EC550E

Volvo Construction Equipment



# Welcome to our world

Welcome to a world of industry leading machinery. A world where imagination, hard work and technological innovation will lead the way towards developing a future which is cleaner, smarter, and more connected. A world supported by the enduring values of the Volvo Group. A world of stability, sustainability and innovation. A world which we put our customers at the heart of.

Welcome to the world of Volvo Construction Equipment – we think you're going to like it here.

## **Working harder, working smarter**

For over 180 years Volvo has been a pioneer in the design and manufacture of machines which set the standard for efficiency, performance and uptime. Across our range of excavators, wheel loaders and haulers, our reputation for engineering excellence is unrivalled, which means whatever your operation or application, we can provide a total fleet solution to help you succeed.

Building on our proud history, the Volvo Concept Lab continues to create cutting-edge ideas and innovative concepts, to ensure we offer customers machines which work harder and smarter long into the future.



## Solutions for you

Our industry leading machines are just the start of your relationship with Volvo. As your partner, we have developed an extensive range of additional solutions to help you improve uptime, boost productivity and reduce costs.

### Designed for your business

Structured across nine blocks, our portfolio of products and services are designed to complement your machine's performance and boost your profitability. Simply put, we offer some of the best guarantees, warranties and technological solutions in the industry today.

### There when you need us

Whether you're buying new or used, our global network of dealers and technicians offer around-the-clock support, including machine monitoring and world-class parts availability. It's the basis of everything offered by Volvo Services, so you can be confident we've got you covered right from the start.



# BUILDING TOMORROW

# Go big

Delivering the type of durability and performance more commonly expected from a 60/65-tonne crawler excavator, the Volvo EC550E truly punches above its weight. Outstanding levels of power and productivity make this machine the perfect partner for mining, mass excavation and large infrastructure projects.

## Dig more, lift more

Shorten cycle times in the EC550E which features a powertrain and lifting capacity more commonly found in a 60/65-tonne machine. With impressive engine power and reinforced digging equipment with a large pin size, this is an excavator which is big on performance.



## The undercarriage for the job

The perfect choice for the toughest applications, the EC550E features a robust undercarriage with the option of a wider lower frame for enhanced stability in applications requiring additional reach.



## Less passes, more work

Optimize fleet use by up to 40%. The EC550E is the perfect partner to 30-40t haulers and highway trucks, reducing the number of required passes – dramatically improving cycle times. With the additional support of Volvo Site Simulation, your Volvo dealer can work with you to advise on the optimum fleet configuration and site set-up for your operation.



## A weight off your mind

Take control of your productivity with the optional On-Board Weighing – part of the Dig Assist set of apps and powered by the 10" Volvo Co-Pilot display. The intelligent tool provides real-time information on bucket weight, ensuring the optimum amount of material is moved with every pass. The system also records total tonnage, per shift or per day, to provide powerful long-term productivity data.





# 40% HIGHER PRODUCTIVITY

Boost productivity by up to 40% in the Volvo EC550E, available with a range of optimum-sized buckets designed for use in abrasive conditions.

# Less cost, more profit

Reduce costs and boost profits in the EC550E. Features including new electro-hydraulic system with Independent Metering Valve Technology, Volvo Attachments and operator training all contribute towards the unrivalled levels of efficiency.

## Unique Independent Metering Valve Technology

The latest pioneering innovation from Volvo, the next generation electro-hydraulic system with an Independent Metering Valve Technology (IMVT) is the next generation electro-hydraulic system in the industry. IMVT provides intelligent electronic control with more control variables, compared to a conventional mechanically coupled hydraulic system. The result is maximum controllability and efficiency according to the specific application at hand.



## The right tool for the job

Take on a variety of tasks with our range of factory-delivered attachments, including quick couplers and buckets. Perfectly matched to your machine, Volvo attachments are designed to create a single solid and reliable unit, delivering faster and more fuel-efficient cycle times. What's more, the machine is prepared with the necessary auxiliary piping to power hydraulic attachments such as breakers, thumbs, shears, grapples and more.



## Take your efficiency to the next level

While reliable and efficient machines, of course, play a vital role in reducing costs, enhancing safety and maximising productivity, it is ultimately the performance of the operator that really makes the difference. We offer a range of training initiatives to help unlock the full capability of the Volvo machines, including EcoOperator Training – an advanced course for experienced operators, which focuses on a more profitable and environmentally considerate operation.



## Even more efficiency

Fuel is the industry's number one operational cost and Fuel Efficiency Reports help to identify areas where efficiency improvements can be made, providing clear insights into the fuel performance of a fleet, site or individual machine. If you need further support putting insight into action, your Volvo dealer is on hand to help you develop a plan to deliver long-term efficiency gains.





# 25% MORE FUEL EFFICIENCY

Take fuel efficiency to new levels in the EC550E. The next generation electro-hydraulic system with Independent Metering Valve Technology produces up to a 25% improvement in fuel efficiency. Engine pump optimization, which lowers engine rpm while optimizing power, and optimized hydraulic piping and size routings, further contribute towards the incredible levels of fuel efficiency.

# Ultimate control

Welcome to the ultimate in operator control and convenience. The revolutionary new generation electro-hydraulics with Independent Metering Valve Technology enable a range of intelligent functions which take the operator experience to new levels.

## Carry with care

The perfect solution for lift and carry operations, creep mode utilizes an independent pump flow during travel to maintain a constant and slower travel speed.



## Comfortable travel

For easy operation and reduced operator fatigue, optional Comfort Drive Control gives operators the opportunity to steer the machine using the advanced joystick rollers with index finger grip, instead of using the pedals.



## A smoother shift

Boom and arm bouncing reduction technology dramatically reduces machine shock, resulting in a more comfortable and productive operator performance.





# ADAPT TO THE JOB

Operators can easily select and adjust a number of functions depending on personal preferences and the task at hand, including Boom/Swing and Boom/Travel priority which enables prioritization of one function over another. Operators can also easily adjust the boom down speed, ideal for precision tasks which require optimum control.

# For your comfort and safety

Whether working inside or on the machine, features such as unrivalled visibility and 3-point right-hand side access mean you can be sure that the highest levels of safety have been considered in every design detail of the EC550E.

## See it all

Operators benefit from outstanding visibility thanks to rear and side-view cameras. Furthermore, the optional Volvo Smart View uses front, rear and side cameras to provide a real-time, overhead view of the machine, resulting in safer machine rotation while working, especially in confined spaces.



## Industry-renowned cab

Step inside the best cab on the market. The ROPS cab exceeds industry standards for this class of machine, and with low noise and low vibration, operators will experience the ultimate in comfort. Already boasting best-in-class visibility, the optional high visibility cab and one-piece front window enhance visibility even more.



## Get around safely

Industry renowned features such as bolted anti-slip plates, high visibility guardrails and handrails ensure the highest levels of safety when negotiating the machine. For further convenience, the optional foldable cab entrance step and side walkways fold away to enable easier transportation.





# EASY AS 1, 2, 3

Reach the upper structure with confidence thanks to 3-point right-hand side access, helping to carry out maintenance quickly and easily.

# Work harder for longer

Reduced maintenance requirements, durable design and outstanding reliability means you can count on the EC550E to deliver optimum results – shift after shift, day after day.

## For the toughest tasks

The EC550E is designed to deliver performance which lasts, with an ultra-durable and reinforced undercarriage providing the durability and strength you would expect from a 60/65-tonne excavator. Combine this with a super-strong upper and lower frame, and boom and arm with larger pin size, and this machine is ready to take on the toughest of applications.



## Machine monitoring made easy

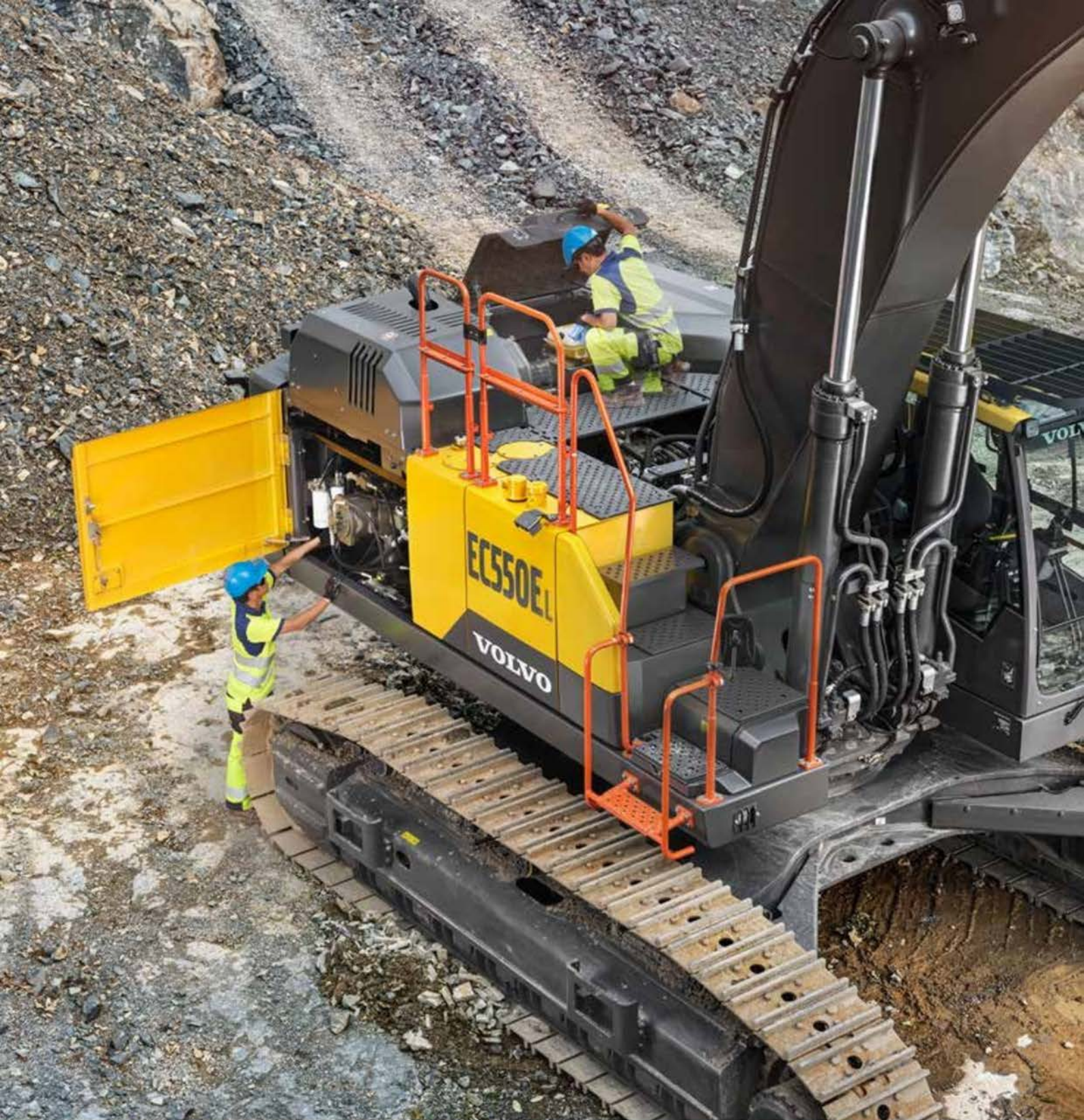
Maximize machine uptime and reduce repair costs with the CareTrack telematic system. Choose to keep track of your machine yourself or let us take care of it with ActiveCare. Our Volvo Uptime Center will provide 24/7 machine monitoring, supplying weekly reports and notifying you should preventive maintenance action be required.



## Keeping you moving

Maintain productivity and machine uptime with our range of widely available, tested and approved Genuine Volvo Parts – all backed by Volvo warranty. Your Volvo dealer can help you stay on track, offering flexible maintenance and repair options, as well as planned servicing, to extend the life of your excavator.





# UPTIME YOU CAN COUNT ON

Hydraulic pilot lines have been removed in the EC550E, reducing the number of couplings required, for increased machine reliability. Electric connectors which exceed Ingress Protection 6K9K water-proofed standards also contribute to long component life. What's more, grouped filters accessible from the ground level make servicing quick and easy.

# Move more for less

## 25% better fuel efficiency

- Electro-hydraulic system with Independent Metering Valve Technology
- Engine pump optimization
- Optimized hydraulic piping and size routing

## Ultimate control

- Boom/Swing and Boom/Travel priority
- Adjustable boom down speed
- Boom and arm bouncing reduction
- Creep mode: carry with care
- Comfort Drive Control: joystick steering (Option)

## Work harder for longer

- Ultra-durable and reinforced undercarriage, upper and lower frame
- Reinforced digging equipment, including larger pin size
- Electric connectors exceeding Ingress Protection 6K9K water-proofed standards

## Quick and easy servicing

- 3-point right-hand side access to the upper structure
- Removed hydraulic pilot lines: reduced need for oil/couplings
- Grouped filters, accessed from ground-level or side walkway

## Volvo Services: boost your profits

- On-Board Weighing, powered by Volvo Co-Pilot (Dig Assist)
- Volvo Site Simulation
- Fuel Efficiency Report
- Operator Training, including EcoOperator
- ActiveCare: 24/7 machine monitoring



## 40% higher productivity

- Range of optimum-sized buckets designed for use in abrasive conditions
- Superior swing torque and tractive force
- Lifting capacity commonly found in a 60/65-tonne machine
- Perfect match to 30-40t haulers and highway trucks

## Get around safely

- ROPS cab: spacious, ergonomic and low-noise
- Rear and side cameras, Volvo Smart View
- High-visibility cab, One-piece front window (Options)
- Bolted anti-slip plates
- Foldable walkways (Option)
- High visibility handrails/guardrails



# Volvo EC550E in detail

## Engine

The Volvo diesel engine uses Volvo Advanced Combustion Technology (V-ACT) to deliver lower emissions, superior performance and fuel efficiency. The engine uses precise, highpressure fuel injectors, turbo charger and intercooler, and electronic engine controls to optimize machine performance.

**Air Filter:** 3-stage and precleaner

**Automatic Idling System:** Reduces engine speed to idle when the levers and pedals are not activated resulting in less fuel consumption and low cab noise levels.

|                            |       |       |
|----------------------------|-------|-------|
| Engine                     | Volvo | D13E  |
| Max power at               | r/min | 1 600 |
| Net, ISO 9249/SAE J1349    | kW    | 319   |
|                            | hp    | 434   |
| Gross, ISO 14396/SAE J1995 | kW    | 320   |
|                            | hp    | 435   |
| Max torque                 | Nm    | 2 071 |
| at engine speed            | r/min | 1 350 |
| No. of cylinders           |       | 6     |
| Displacement               | l     | 12.8  |
| Bore                       | mm    | 131   |
| Stroke                     | mm    | 158   |

## Electrical System

High-capacity electrical system that is well protected. Waterproof double-lock harness plugs are used to secure corrosion-free connections. The main relays and solenoid valves are shielded to prevent damage. The master switch is standard.

|                  |     |        |
|------------------|-----|--------|
| Voltage          | V   | 24     |
| Batteries        | V   | 2 x 12 |
| Battery capacity | Ah  | 200    |
| Alternator       | V/A | 28/80  |

## Undercarriage

The undercarriage has a robust X-shaped frame. Greased and sealed track chains are standard.

### EC550EL wide retractable undercarriage

|                            |    |                 |
|----------------------------|----|-----------------|
| Track shoe                 |    | 51              |
| Link pitch                 | mm | 229             |
| Shoe width, triple grouser | mm | 600 / 750 / 900 |
| Shoe width, double grouser | mm | 600             |
| Bottom rollers             |    | 18              |
| Top rollers                |    | 6               |

### EC550EL fixed undercarriage

|                            |    |                 |
|----------------------------|----|-----------------|
| Track shoe                 |    | 50              |
| Link pitch                 | mm | 229             |
| Shoe width, triple grouser | mm | 600 / 750 / 900 |
| Shoe width, double grouser | mm | 600             |
| Bottom rollers             |    | 18              |
| Top rollers                |    | 4               |

## Cab

The operator's cab has easy access via a wide door opening. The cab is supported on hydraulic dampening mounts to reduce shock and vibration levels. These along with sound absorbing lining provide low noise levels. The cab has excellent all-round visibility. The front windshield can easily slide up into the ceiling, and the lower front glass can be removed and stored in the side door.

**Integrated air-conditioning and heating system:** the pressurized and filtered cab air is supplied by an automatically-controlled fan. The air is distributed throughout the cab from 14 vents.

**Ergonomic operator's seat:** the adjustable seat and joystick console move independently to accommodate the operator. The seat has nine different adjustments plus a seat belt for the operator's comfort and safety.

Refrigerant of the type R134a is used when this machine is equipped with air conditioning. Contains fluorinated greenhouse gas R134a, Global Warming Potential 1.430 t CO<sub>2</sub>-eq.

## Sound Level

Sound level in cab according to ISO 6396

L<sub>pA</sub> dB 71

External sound level according to ISO 6395 and EU Noise Directive (2000/14/EC)

L<sub>WA</sub> dB 107



#### Hydraulic System

|                                                                      |       |             |
|----------------------------------------------------------------------|-------|-------------|
| <b>Main pump, Type: 2 x Variable displacement axial piston pumps</b> |       |             |
| Maximum flow                                                         | l/min | 2 x 416     |
| <b>Pilot pump, Type: Gear pump</b>                                   |       |             |
| Maximum flow                                                         | l/min | 1 x 16      |
| <b>Max. pressure</b>                                                 |       |             |
| Implement                                                            | MPa   | 33.8 / 36.3 |
| Travel circuit                                                       | MPa   | 33.8        |
| Slew circuit                                                         | MPa   | 27.9        |
| Pilot circuit                                                        | MPa   | 3.9         |

#### Hydraulic Motors

**Travel:** Variable displacement axial piston motor with mechanical brake  
**Swing:** Fixed displacement piston motor with mechanical brake

#### Hydraulic Cylinders

|               |        |             |
|---------------|--------|-------------|
| Mono boom     |        | 2           |
| Bore x Stroke | ø x mm | 175 x 1 590 |
| Arm           |        | 1           |
| Bore x Stroke | ø x mm | 190 x 1 942 |
| Bucket        |        | 1           |
| Bore x Stroke | ø x mm | 170 x 1 330 |
| ME Bucket     |        | 1           |
| Bore x Stroke | ø x mm | 180 x 1 335 |

#### Service Refill

|                         |   |         |
|-------------------------|---|---------|
| Fuel tank               | l | 680     |
| Hydraulic system, total | l | 590     |
| Hydraulic tank          | l | 270     |
| Engine oil              | l | 55      |
| Engine coolant          | l | 66      |
| Slew reduction unit     | l | 2 x 6.4 |
| Travel reduction unit   | l | 2 x 8   |

#### Travel System

Each track is powered by an automatic two-speed shift travel motor. The track brakes are multi-disc, spring-applied and hydraulic released. The travel motor, brake and planetary gears are well protected within the track frame.

|                          |      |     |
|--------------------------|------|-----|
| Max. drawbar pull        | kN   | 350 |
| Max. travel speed (low)  | km/h | 3.5 |
| Max. travel speed (high) | km/h | 5.4 |
| Gradeability             | °    | 35  |

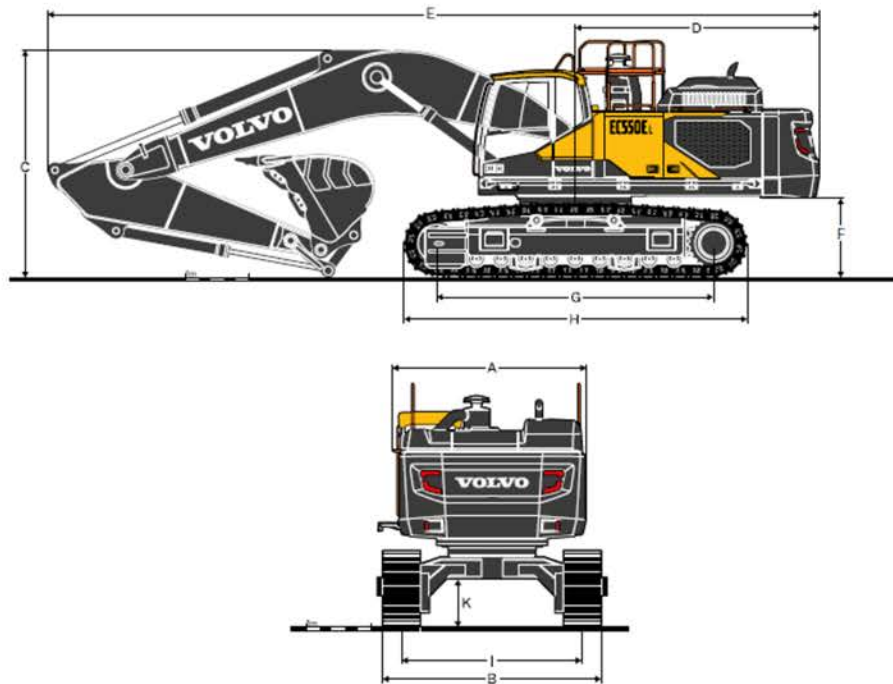
#### Swing System

The swing system uses an axial piston motors, driving a planetary gearbox for maximum torque. An automatic holding brake and anti-rebound valve are standard.

|                  |       |     |
|------------------|-------|-----|
| Max. slew speed  | r/min | 9.4 |
| Max. slew torque | kNm   | 197 |



# Specifications



## DIMENSIONS

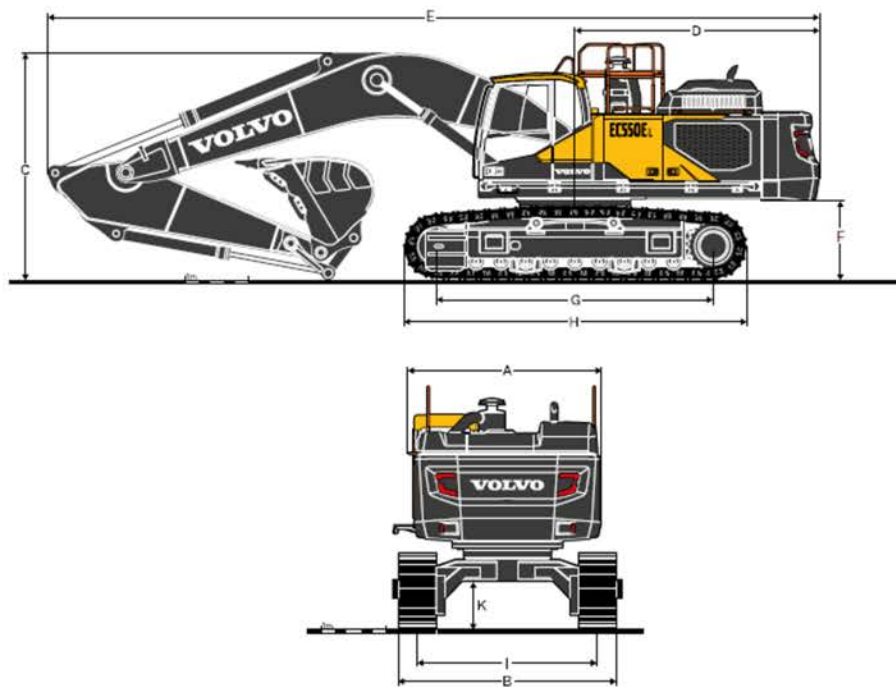
| Description                                 | Unit | EC550EL                        |        |        |        |        |        |
|---------------------------------------------|------|--------------------------------|--------|--------|--------|--------|--------|
|                                             |      | Wide retractable undercarriage |        |        |        |        |        |
| Boom                                        | m    | 6.5                            |        | 7.0    |        |        |        |
| Arm                                         | m    | 2.55                           | 3.0    | 2.55   | 3.0    | 3.35   | 3.9    |
| A. Overall width of upper structure **      | mm   | 2 990                          | 2 990  | 2 990  | 2 990  | 2 990  | 2 990  |
| B. Overall width ***                        |      |                                |        |        |        |        |        |
| Retracted                                   |      |                                |        |        |        |        |        |
| 600mm shoes                                 | mm   | 3 400                          | 3 400  | 3 400  | 3 400  | 3 400  | 3 400  |
| 750mm shoes                                 | mm   | 3 550                          | 3 550  | 3 550  | 3 550  | 3 550  | 3 550  |
| 900mm shoes                                 | mm   | 3 700                          | 3 700  | 3 700  | 3 700  | 3 700  | 3 700  |
| Extended                                    |      |                                |        |        |        |        |        |
| 600mm shoes                                 | mm   | 3 900                          | 3 900  | 3 900  | 3 900  | 3 900  | 3 900  |
| 750mm shoes                                 | mm   | 4 050                          | 4 050  | 4 050  | 4 050  | 4 050  | 4 050  |
| 900mm shoes                                 | mm   | 4 200                          | 4 200  | 4 200  | 4 200  | 4 200  | 4 200  |
| C. Overall height *                         |      |                                |        |        |        |        |        |
| Cab                                         | mm   | 3 415                          | 3 415  | 3 415  | 3 415  | 3 415  | 3 415  |
| FOG                                         | mm   | 3 520                          | 3 520  | 3 520  | 3 520  | 3 520  | 3 520  |
| Engine hood                                 | mm   | 3 290                          | 3 290  | 3 290  | 3 290  | 3 290  | 3 290  |
| Handrails, fixed ****                       | mm   | 3 640                          | 3 640  | 3 640  | 3 640  | 3 640  | 3 640  |
| Handrail and Guardrail, folded ****         | mm   | 3 385                          | 3 385  | 3 385  | 3 385  | 3 385  | 3 385  |
| Handrail, unfolded                          | mm   | 3 670                          | 3 670  | 3 670  | 3 670  | 3 670  | 3 670  |
| Guardrail, unfolded                         | mm   | 3 870                          | 3 870  | 3 870  | 3 870  | 3 870  | 3 870  |
| With Boom/Arm/Bucket (with hydraulic hoses) | mm   | 4 400                          | 4 340  | 4 200  | 4 010  | 3 910  | 3 930  |
| With Boom/Arm (with hydraulic hoses)        | mm   | 4 170                          | 4 145  | 4 020  | 3 910  | 3 870  | 3 905  |
| With Boom (with hydraulic hoses)            | mm   | 3 390                          | 3 390  | 3 180  | 3 180  | 3 180  | 3 180  |
| D. Tail swing radius                        | mm   | 3 880                          | 3 880  | 3 880  | 3 880  | 3 880  | 3 880  |
| E. Overall length                           |      |                                |        |        |        |        |        |
| With Boom/Arm/Bucket                        | mm   | 11 770                         | 11 760 | 12 270 | 12 260 | 12 240 | 12 235 |
| With Boom/Arm                               | mm   | 11 750                         | 11 750 | 12 255 | 12 245 | 12 230 | 12 230 |
| With Boom                                   | mm   | 10 290                         | 10 290 | 10 810 | 10 810 | 10 810 | 10 810 |
| F. Counterweight clearance *                | mm   | 1 370                          | 1 370  | 1 370  | 1 370  | 1 370  | 1 370  |
| G. Tumbler length                           | mm   | 4 515                          | 4 515  | 4 515  | 4 515  | 4 515  | 4 515  |
| H. Track length                             | mm   | 5 580                          | 5 580  | 5 580  | 5 580  | 5 580  | 5 580  |
| I. Track gauge                              |      |                                |        |        |        |        |        |
| Retracted                                   | mm   | 2 800                          | 2 800  | 2 800  | 2 800  | 2 800  | 2 800  |
| Extended                                    | mm   | 3 300                          | 3 300  | 3 300  | 3 300  | 3 300  | 3 300  |
| K. Min. ground clearance *                  | mm   | 735                            | 735    | 735    | 735    | 735    | 735    |

\* Without shoe grouser

\*\* Exclude walkway, handrail

\*\*\* Shoe end to end

\*\*\*\* Two options: Full height, fixed or foldable type



## DIMENSIONS

| Description                                 | Unit | EC550EL<br>Fixed undercarriage |        |        |        |        |        |
|---------------------------------------------|------|--------------------------------|--------|--------|--------|--------|--------|
|                                             |      | 6.5                            |        | 7.0    |        |        |        |
| Boom                                        | m    |                                |        |        |        |        |        |
| Arm                                         | m    | 2.55                           | 3.0    | 2.55   | 3.0    | 3.35   | 3.9    |
| A. Overall width of upper structure **      | mm   | 2 990                          | 2 990  | 2 990  | 2 990  | 2 990  | 2 990  |
| B. Overall width ***                        |      |                                |        |        |        |        |        |
| 600mm shoes                                 | mm   | 3 340                          | 3 340  | 3 340  | 3 340  | 3 340  | 3 340  |
| 750mm shoes                                 | mm   | 3 490                          | 3 490  | 3 490  | 3 490  | 3 490  | 3 490  |
| 900mm shoes                                 | mm   | 3 640                          | 3 640  | 3 640  | 3 640  | 3 640  | 3 640  |
| C. Overall height *                         |      |                                |        |        |        |        |        |
| Cab                                         | mm   | 3 265                          | 3 265  | 3 265  | 3 265  | 3 265  | 3 265  |
| FOG                                         | mm   | 3 370                          | 3 370  | 3 370  | 3 370  | 3 370  | 3 370  |
| Engine hood                                 | mm   | 3 140                          | 3 140  | 3 140  | 3 140  | 3 140  | 3 140  |
| Handrails, fixed ****                       | mm   | 3 490                          | 3 490  | 3 490  | 3 490  | 3 490  | 3 490  |
| Handrail and Guardrail, folded ****         | mm   | 3 235                          | 3 235  | 3 235  | 3 235  | 3 235  | 3 235  |
| Handrail, unfolded                          | mm   | 3 515                          | 3 515  | 3 515  | 3 515  | 3 515  | 3 515  |
| Guardrail, unfolded                         | mm   | 3 715                          | 3 715  | 3 715  | 3 715  | 3 715  | 3 715  |
| With Boom/Arm/Bucket (with hydraulic hoses) | mm   | 4 330                          | 4 290  | 4 155  | 3 970  | 3 885  | 3 930  |
| With Boom/Arm (with hydraulic hoses)        | mm   | 4 100                          | 4 080  | 3 980  | 3 860  | 3 805  | 3 885  |
| With Boom (with hydraulic hoses)            | mm   | 3 310                          | 3 310  | 3 125  | 3 125  | 3 125  | 3 125  |
| D. Tail swing radius                        | mm   | 3 880                          | 3 880  | 3 880  | 3 880  | 3 880  | 3 880  |
| E. Overall length *                         |      |                                |        |        |        |        |        |
| With Boom/Arm/Bucket                        | mm   | 11 765                         | 11 760 | 12 270 | 12 270 | 12 270 | 12 265 |
| With Boom/Arm                               | mm   | 11 765                         | 11 770 | 12 275 | 12 260 | 12 260 | 12 260 |
| With Boom                                   | mm   | 10 345                         | 10 345 | 10 855 | 10 855 | 10 855 | 10 855 |
| F. Counterweight clearance *                | mm   | 1 220                          | 1 220  | 1 220  | 1 220  | 1 220  | 1 220  |
| G. Tumbler length                           | mm   | 4 400                          | 4 400  | 4 400  | 4 400  | 4 400  | 4 400  |
| H. Track length                             | mm   | 5 460                          | 5 460  | 5 460  | 5 460  | 5 460  | 5 460  |
| I. Track gauge                              | mm   | 2 740                          | 2 740  | 2 740  | 2 740  | 2 740  | 2 740  |
| K. Min. ground clearance *                  | mm   | 490                            | 490    | 490    | 490    | 490    | 490    |

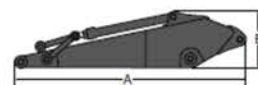
\* Without shoe grouser

\*\* Exclude walkway, handrail

\*\*\* Shoe end to end

\*\*\*\* Two options: Full height, fixed or foldable type

# Specifications



## DIMENSIONS

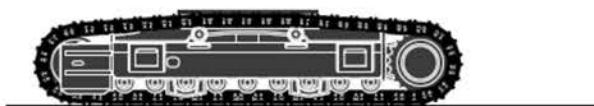
| Boom        |      |        |        | Arm         |      |       |       |       |       |
|-------------|------|--------|--------|-------------|------|-------|-------|-------|-------|
| Description | Unit |        |        | Description | Unit |       |       |       |       |
| Boom        | m    | 6.5 ME | 7.0 HD | Arm         | m    | 2.55  | 3.0   | 3.35  | 3.9   |
| A           | mm   | 6 780  | 7 280  | A           | mm   | 3 805 | 4 270 | 4 620 | 5 170 |
| B           | mm   | 1 910  | 1 785  | B           | mm   | 1 260 | 1 260 | 1 260 | 1 260 |
| Width       | mm   | 906    | 906    | Width       | mm   | 605   | 605   | 605   | 605   |
| Weight      | kg   | 5 140  | 5 025  | Weight      | kg   | 2 710 | 2 920 | 2 875 | 3 030 |

\* Includes arm cylinder, piping and pin



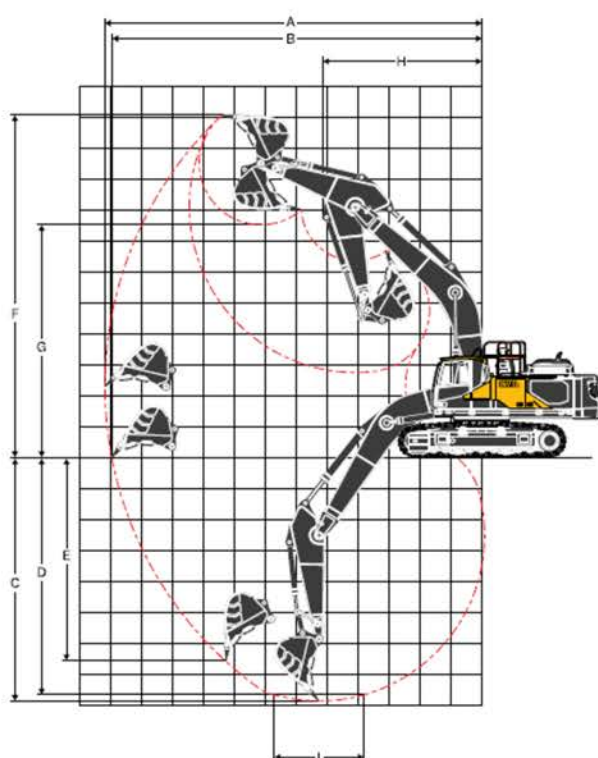
## Superstructure with boom cylinders, weight

| Description | Unit | Superstructure |
|-------------|------|----------------|
| Weight      | kg   | 13 370         |



## Lower structure, weight

| Description  | Unit | EC550EL                        | EC550EL             |
|--------------|------|--------------------------------|---------------------|
|              |      | Wide retractable undercarriage | Fixed undercarriage |
| 600mm        | kg   | 18 930                         | 16 940              |
| 750mm        | kg   | 19 730                         | 17 720              |
| 900mm        | kg   | 20 525                         | 18 505              |
| 600mm double | kg   | 18 750                         | 16 765              |



#### WORKING RANGE

| Description                          | Unit | EC550EL*                       |        |        |        |        |        |
|--------------------------------------|------|--------------------------------|--------|--------|--------|--------|--------|
|                                      |      | Wide retractable undercarriage |        |        |        |        |        |
|                                      |      | 6.5                            |        | 7.0    |        |        |        |
| Boom                                 | m    |                                |        |        |        |        |        |
| Arm                                  | m    | 2.55                           | 3.0    | 2.55   | 3.0    | 3.35   | 3.9    |
| A. Max. digging reach                | mm   | 11 040                         | 11 410 | 11 450 | 11 820 | 12 150 | 12 650 |
| B. Max. digging reach on ground      | mm   | 10 770                         | 11 140 | 11 180 | 11 560 | 11 900 | 12 410 |
| C. Max. digging depth                | mm   | 6 550                          | 7 000  | 6 870  | 7 320  | 7 670  | 8 220  |
| D. Max. digging depth (2.44 m level) | mm   | 6 360                          | 6 830  | 6 680  | 7 190  | 7 520  | 8 090  |
| E. Max. vertical wall digging depth  | mm   | 5 670                          | 5 830  | 5 780  | 5 930  | 5 970  | 6 380  |
| F. Max. cutting height               | mm   | 10 900                         | 10 900 | 11 060 | 11 060 | 11 200 | 11 370 |
| G. Max. dumping height               | mm   | 7 000                          | 7 050  | 7 470  | 7 540  | 7 690  | 7 870  |
| H. Min. front slew radius            | mm   | 4 810                          | 4 780  | 5 210  | 5 170  | 5 140  | 5 050  |

| Description                          | Unit | EC550EL*            |        |        |        |        |        |
|--------------------------------------|------|---------------------|--------|--------|--------|--------|--------|
|                                      |      | Fixed undercarriage |        |        |        |        |        |
|                                      |      | 6.5                 |        | 7.0    |        |        |        |
| Boom                                 | m    |                     |        |        |        |        |        |
| Arm                                  | m    | 2.55                | 3.0    | 2.55   | 3.0    | 3.35   | 3.9    |
| A. Max. digging reach                | mm   | 11 040              | 11 330 | 11 480 | 11 850 | 12 170 | 12 670 |
| B. Max. digging reach on ground      | mm   | 10 800              | 11 090 | 11 240 | 11 610 | 11 950 | 12 460 |
| C. Max. digging depth                | mm   | 6 710               | 7 050  | 7 040  | 7 480  | 7 840  | 8 390  |
| D. Max. digging depth (2.44 m level) | mm   | 6 510               | 6 900  | 6 860  | 7 360  | 7 710  | 8 270  |
| E. Max. vertical wall digging depth  | mm   | 5 820               | 6 000  | 5 980  | 6 120  | 6 160  | 6 570  |
| F. Max. cutting height               | mm   | 10 750              | 10 590 | 10 910 | 10 910 | 11 060 | 11 220 |
| G. Max. dumping height               | mm   | 6 850               | 7 010  | 7 290  | 7 360  | 7 510  | 7 700  |
| H. Min. front slew radius            | mm   | 4 810               | 4 780  | 5 210  | 5 170  | 5 140  | 5 050  |

#### DIGGING FORCES WITH DIRECT FIT BUCKET

|                            |             |           |    |     |     |     |     |     |     |
|----------------------------|-------------|-----------|----|-----|-----|-----|-----|-----|-----|
| Breakout force - bucket    | Normal      | SAE J1179 | kN | 267 | 267 | 251 | 251 | 251 | 251 |
|                            | Power boost | SAE J1179 | kN | 287 | 287 | 269 | 269 | 269 | 269 |
|                            | Normal      | ISO 6015  | kN | 307 | 307 | 287 | 287 | 287 | 287 |
|                            | Power boost | ISO 6015  | kN | 329 | 329 | 308 | 308 | 308 | 308 |
| Tearout force - dipper arm | Normal      | SAE J1179 | kN | 247 | 227 | 258 | 236 | 220 | 196 |
|                            | Power boost | SAE J1179 | kN | 265 | 243 | 277 | 253 | 235 | 210 |
|                            | Normal      | ISO 6015  | kN | 256 | 233 | 264 | 241 | 223 | 199 |
|                            | Power boost | ISO 6015  | kN | 274 | 250 | 284 | 258 | 240 | 213 |
| Rotation angle, bucket     |             |           | °  | 168 | 168 | 178 | 178 | 178 | 178 |

\*Machine with pin-in bucket

# Specifications

## MACHINE WEIGHTS AND GROUND PRESSURE

| Description    | Shoe width | EC550EL with WIDE RETRACTABLE undercarriage,<br>7.0 m boom, 3.35 m arm,<br>2 840 kg bucket, 10 600 kg counterweight |                 |               | EC550EL FIXED undercarriage,<br>6.5 m boom, 3.0 m arm,<br>3 000 kg bucket, 10 600 kg counterweight |                 |               |
|----------------|------------|---------------------------------------------------------------------------------------------------------------------|-----------------|---------------|----------------------------------------------------------------------------------------------------|-----------------|---------------|
|                |            | Operating weight                                                                                                    | Ground pressure | Overall width | Operating weight                                                                                   | Ground pressure | Overall width |
|                | mm         | kg                                                                                                                  | kPa             | mm            | kg                                                                                                 | kPa             | mm            |
| Triple grouser | 600        | 54 240                                                                                                              | 90.7            | 3 900         | 52 600                                                                                             | 90.1            | 3 340         |
|                | 750        | 55 040                                                                                                              | 73.6            | 4 050         | 53 400                                                                                             | 73.2            | 3 490         |
|                | 900        | 55 830                                                                                                              | 62.2            | 4 200         | 54 200                                                                                             | 61.9            | 3 640         |
| Double grouser | 600        | 54 110                                                                                                              | 90.5            | 3 900         | 52 470                                                                                             | 89.9            | 3 340         |

## BUCKET SELECTION GUIDE

| Bucket type        |                 | Capacity | Cutting width | Weight | Teeth | EC550EL wide retractable undercarriage |    |               |    |        |       |
|--------------------|-----------------|----------|---------------|--------|-------|----------------------------------------|----|---------------|----|--------|-------|
|                    |                 |          |               |        |       | 600 mm shoe, 10 600 kg counterweight   |    |               |    |        |       |
|                    |                 |          |               |        |       | 6.5 m ME Boom                          |    | 7.0 m HD Boom |    |        |       |
|                    |                 |          |               |        |       | L                                      | mm | kg            | EA | 2.55 m | 3.0 m |
| Direct fit Buckets | General purpose | 3 600    | 2 060         | 3 197  | 6     | C                                      | C  | C             | C  | C      | B     |
|                    |                 | 4 000    | 2 240         | 3 382  | 6     | C                                      | C  | C             | B  | B      | A     |
|                    | Heavy duty      | 3 000    | 1 740         | 2 999  | 5     | D                                      | D  | D             | D  | D      | C     |
|                    |                 | 3 310    | 1 910         | 3 110  | 5     | D                                      | D  | D             | D  | C      | C     |
| Bucket type        |                 | Capacity | Cutting width | Weight | Teeth | EC550EL fixed undercarriage            |    |               |    |        |       |
|                    |                 |          |               |        |       | 600 mm shoe, 10 600 kg counterweight   |    |               |    |        |       |
|                    |                 |          |               |        |       | 6.5 m ME Boom                          |    | 7.0 m HD Boom |    |        |       |
|                    |                 |          |               |        |       | L                                      | mm | kg            | EA | 2.55 m | 3.0 m |
| Direct fit Buckets | General purpose | 3 600    | 2 060         | 3 197  | 6     | B                                      | B  | B             | A  | X      |       |
|                    |                 | 4 000    | 2 240         | 3 382  | 6     | B                                      | A  | A             | X  | X      |       |
|                    | Heavy duty      | 3 000    | 1 740         | 2 999  | 5     | D                                      | C  | C             | B  | B      |       |
|                    |                 | 3 310    | 1 910         | 3 110  | 5     | C                                      | B  | B             | B  | A      |       |

Please consult with your Volvo dealer for the proper match of buckets and attachments to suit the application.  
The recommendations are given as a guide only, based on typical operation conditions.  
Bucket capacity based on ISO 7451, heaped material with a 1:1 angle of repose.

### Maximum material density

D: 2 100 kg/m<sup>3</sup>  
C: 1 800 kg/m<sup>3</sup>  
B: 1 500 kg/m<sup>3</sup>  
A: 1 200 kg/m<sup>3</sup>  
X : Not recommended

## PASS MATCHES

For maximum production at lowest operating cost per ton Volvo recommends that loading and hauling machines be matched to achieve optimal performance.

For typical applications EC550E can fill 35-40 ton payload Haulers with 4-6 buckets.

Configuration\*

6,5m ME boom, 2,55m ME arm, 10600kg CWT

| Payload (metric ton) |            |      |      |      | 25 | 29 | 34.5 | 39 | 41 | 55 |
|----------------------|------------|------|------|------|----|----|------|----|----|----|
| EC480                | 6.5 / 2.55 | 1.60 | 3.10 | 100% | 5  | 6  | 7    | 8  | 8  | 11 |
| 550 Fixed U/C        | 6.5 / 3.00 | 1.60 | 3.60 | 100% | 4  | 5  | 6    | 7  | 7  | 9  |
| 550 Fixed U/C        | 6.5 / 2.55 | 1.60 | 4.00 | 100% | 4  | 4  | 5    | 6  | 6  | 9  |
| 550 Retract. U/C     | 7.0 / 3.35 | 1.60 | 4.00 | 100% | 4  | 4  | 5    | 6  | 6  | 9  |
| 750                  | 7.1 / 2.90 | 1.60 | 5.16 | 100% | 3  | 3  | 4    | 5  | 5  | 7  |
| EC480                | 6.5 / 2.55 | 1.80 | 2.60 | 90%  | 6  | 7  | 8    | 9  | 10 | 13 |
| 550 Fixed U/C        | 6.5 / 3.00 | 1.80 | 3.00 | 90%  | 5  | 6  | 7    | 8  | 8  | 11 |
| 550 Fixed U/C        | 6.5 / 2.55 | 1.80 | 3.31 | 90%  | 5  | 5  | 6    | 7  | 8  | 10 |
| 550 Retract. U/C     | 7.0 / 3.35 | 1.80 | 3.31 | 90%  | 5  | 5  | 6    | 7  | 8  | 10 |
| 750                  | 7.1 / 2.90 | 1.80 | 4.65 | 90%  | 3  | 4  | 5    | 5  | 5  | 7  |

\* Indicated pass match reflect configuration, application and density shown. Job specific factors may influence exact pass match. Consult your Volvo dealer for more information.

|  |                                             |
|--|---------------------------------------------|
|  | Well matched, 4-6 buckets                   |
|  | Excavator under capacity, 7 buckets or more |
|  | Excavator over capacity, 3 buckets or less  |

# Specifications

## LIFTING CAPACITY EC550EL Wide retractable undercarriage

Lifting capacity at the arm end without bucket.

For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick coupler from the following values.

|                                                                     | Lifting hook related to ground level | 1.5 m    |           | 3.0 m    |           | 4.5 m    |           | 6.0 m    |           | 7.5 m    |           | 9.0 m    |           | 10.5 m   |           | Max. reach |           | m    |
|---------------------------------------------------------------------|--------------------------------------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|------------|-----------|------|
|                                                                     |                                      | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | Along UC   | Across UC |      |
| Boom : ME 6.5 m<br>Arm : 2.55 m<br>Shoe : 600 mm<br>CWT : 10 600 kg | 9.0 m kg                             |          |           |          |           |          |           |          |           |          |           |          |           |          |           | *13 710    | *13 710   | 6.1  |
|                                                                     | 7.5 m kg                             |          |           |          |           |          |           |          |           |          |           |          |           |          |           | *12 460    | *12 460   | 7.4  |
|                                                                     | 6 m kg                               |          |           |          |           |          |           | *15 460  | *15 460   | *14 090  | *14 090   |          |           |          |           | *12 040    | *12 040   | 8.2  |
|                                                                     | 4.5 m kg                             |          |           |          |           | *23 390  | *23 390   | *17 640  | *17 640   | *15 010  | 13 780    |          |           |          |           | *12 100    | 10 840    | 8.7  |
|                                                                     | 3 m kg                               |          |           |          |           |          |           | *19 980  | 18 540    | *16 180  | 13 360    |          |           |          |           | *12 560    | 10 250    | 9.0  |
|                                                                     | 1.5 m kg                             |          |           |          |           | *18 660  | *18 660   | *21 670  | 17 910    | *17 140  | 13 000    |          |           |          |           | *13 500    | 10 160    | 8.9  |
|                                                                     | 0 m kg                               |          |           |          |           | *28 330  | 27 700    | *22 260  | 17 610    | *17 520  | 12 800    |          |           |          |           | 14 600     | 10 580    | 8.6  |
|                                                                     | -1.5 m kg                            |          |           | *21 630  | *21 630   | *28 310  | 27 850    | *21 610  | 17 590    | *16 880  | 12 810    |          |           |          |           | *15 260    | 11 690    | 8.0  |
|                                                                     | -3 m kg                              |          |           | *32 180  | *32 180   | *25 040  | *25 040   | *19 280  | 17 860    |          |           |          |           |          |           | *15 320    | 14 160    | 7.1  |
| Boom : ME 6.5 m<br>Arm : 3.0 m<br>Shoe : 600 mm<br>CWT : 10 600 kg  | 9.0 m kg                             |          |           |          |           |          |           |          |           |          |           |          |           |          |           | *11 410    | *11 410   | 6.6  |
|                                                                     | 7.5 m kg                             |          |           |          |           |          |           |          |           | *12 870  | *12 870   |          |           |          |           | *10 570    | *10 570   | 7.8  |
|                                                                     | 6 m kg                               |          |           |          |           |          |           |          |           | *13 210  | *13 210   |          |           |          |           | *10 290    | *10 290   | 8.6  |
|                                                                     | 4.5 m kg                             |          |           |          |           | *21 510  | *21 510   | *16 610  | *16 610   | *14 260  | 13 810    | *11 970  | 10 340    |          |           | *10 400    | 10 130    | 9.1  |
|                                                                     | 3 m kg                               |          |           |          |           | *26 640  | *26 640   | *19 080  | 18 600    | *15 540  | 13 330    | *13 620  | 10 130    |          |           | *10 850    | 9 590     | 9.3  |
|                                                                     | 1.5 m kg                             |          |           |          |           | *25 960  | *25 960   | *21 030  | 17 860    | *16 660  | 12 920    | 13 700   | 9 930     |          |           | *11 670    | 9 490     | 9.3  |
|                                                                     | 0 m kg                               |          |           |          |           | *30 000  | 27 420    | *21 960  | 17 450    | *17 270  | 12 660    | *13 240  | 9 830     |          |           | *13 090    | 9 820     | 9.0  |
|                                                                     | -1.5 m kg                            |          |           | *21 810  | *21 810   | *28 870  | 27 470    | *21 720  | 17 350    | *17 020  | 12 590    |          |           |          |           | *14 580    | 10 740    | 8.4  |
|                                                                     | -3 m kg                              |          |           | *35 110  | *35 110   | *26 170  | *26 170   | *19 990  | 17 540    | *15 060  | 12 820    |          |           |          |           | *14 890    | 12 720    | 7.5  |
| Boom : HD 7.0 m<br>Arm : 2.55 m<br>Shoe : 600 mm<br>CWT : 10 600 kg | 7.5 m kg                             |          |           |          |           |          |           |          |           | *13 100  | *13 100   |          |           |          |           | *12 630    | *12 630   | 8.0  |
|                                                                     | 6 m kg                               |          |           |          |           |          |           |          |           | *13 640  | *13 640   |          |           |          |           | *12 280    | 10 860    | 8.8  |
|                                                                     | 4.5 m kg                             |          |           |          |           |          |           | *17 810  | *17 810   | *14 760  | 13 650    | *13 250  | 10 320    |          |           | *12 350    | 9 840     | 9.3  |
|                                                                     | 3 m kg                               |          |           |          |           |          |           | *20 160  | 18 170    | *16 000  | 13 180    | *13 770  | 10 110    |          |           | *12 790    | 9 350     | 9.5  |
|                                                                     | 1.5 m kg                             |          |           |          |           |          |           | *21 670  | 17 580    | *16 970  | 12 810    | 13 670   | 9 920     |          |           | 12 730     | 9 270     | 9.4  |
|                                                                     | 0 m kg                               |          |           |          |           | *16 090  | *16 090   | *22 070  | 17 330    | *17 370  | 12 610    | 13 580   | 9 840     |          |           | 13 230     | 9 600     | 9.2  |
|                                                                     | -1.5 m kg                            |          |           |          |           | *27 490  | *27 490   | *21 410  | 17 340    | *16 940  | 12 590    |          |           |          |           | *14 120    | 10 480    | 8.6  |
|                                                                     | -3 m kg                              |          |           | *30 460  | *30 460   | *24 710  | *24 710   | *19 500  | 17 570    | *15 020  | 12 830    |          |           |          |           | *14 180    | 12 330    | 7.7  |
|                                                                     | -4.5 m kg                            |          |           | *24 240  | *24 240   | *19 790  | *19 790   | *15 120  | *15 120   |          |           |          |           |          |           | *13 550    | *13 550   | 6.4  |
| Boom : HD 7.0 m<br>Arm : 3.0 m<br>Shoe : 600 mm<br>CWT : 10 600 kg  | 7.5 m kg                             |          |           |          |           |          |           |          |           |          |           |          |           |          |           | *10 710    | *10 710   | 8.4  |
|                                                                     | 6 m kg                               |          |           |          |           |          |           |          |           | *12 850  | *12 850   | *12 170  | 10 500    |          |           | *10 510    | 10 120    | 9.2  |
|                                                                     | 4.5 m kg                             |          |           |          |           | *22 740  | *22 740   | *16 800  | *16 800   | *14 050  | 13 660    | *12 600  | 10 300    |          |           | *10 630    | 9 210     | 9.6  |
|                                                                     | 3 m kg                               |          |           |          |           |          |           | *19 280  | 18 220    | *15 390  | 13 150    | *13 260  | 10 050    |          |           | *11 050    | 8 760     | 9.8  |
|                                                                     | 1.5 m kg                             |          |           |          |           |          |           | *21 070  | 17 510    | *16 510  | 12 720    | 13 570   | 9 810     |          |           | *11 830    | 8 670     | 9.8  |
|                                                                     | 0 m kg                               |          |           |          |           | *19 930  | *19 930   | *21 810  | 17 150    | *17 100  | 12 460    | 13 420   | 9 680     |          |           | 12 340     | 8 930     | 9.5  |
|                                                                     | -1.5 m kg                            |          |           | *15 900  | *15 900   | *28 200  | 27 120    | *21 490  | 17 080    | *16 960  | 12 380    | 13 440   | 9 700     |          |           | 13 390     | 9 670     | 9.0  |
|                                                                     | -3 m kg                              |          |           | *28 620  | *28 620   | *25 770  | *25 770   | *20 020  | 17 250    | *15 680  | 12 530    |          |           |          |           | *13 730    | 11 180    | 8.2  |
|                                                                     | -4.5 m kg                            |          |           | *27 510  | *27 510   | *21 530  | *21 530   | *16 670  | *16 670   |          |           |          |           |          |           | *13 570    | *13 570   | 6.9  |
| Boom : HD 7.0 m<br>Arm : 3.35 m<br>Shoe : 600 mm<br>CWT : 10 600 kg | 7.5 m kg                             |          |           |          |           |          |           |          |           |          |           |          |           | *9 400   | *9 400    | *9 400     | *9 400    | 8.8  |
|                                                                     | 6 m kg                               |          |           |          |           |          |           |          |           |          |           | *11 710  | 10 640    | *9 230   | *9 230    | *9 230     | *9 230    | 9.5  |
|                                                                     | 4.5 m kg                             |          |           |          |           |          |           | *16 180  | *16 180   | *13 650  | *13 650   | *12 270  | 10 410    | *9 320   | 8 800     | *9 320     | 8 800     | 10.0 |
|                                                                     | 3 m kg                               |          |           |          |           | *22 850  | *22 850   | *18 780  | 18 470    | *15 070  | 13 290    | *13 020  | 10 140    | *9 670   | 8 390     | *9 670     | 8 390     | 10.2 |
|                                                                     | 1.5 m kg                             |          |           |          |           | *16 420  | *16 420   | *20 780  | 17 700    | *16 310  | 12 830    | 13 630   | 9 880     | *10 320  | 8 300     | *10 320    | 8 300     | 10.1 |
|                                                                     | 0 m kg                               |          |           |          |           | *20 970  | *20 970   | *21 780  | 17 270    | *17 060  | 12 530    | 13 450   | 9 710     | *11 370  | 8 530     | *11 370    | 8 530     | 9.9  |
|                                                                     | -1.5 m kg                            |          |           | *15 720  | *15 720   | *28 880  | 27 150    | *21 730  | 17 140    | *17 110  | 12 410    | 13 410   | 9 670     | 12 670   | 9 170     | 12 670     | 9 170     | 9.4  |
|                                                                     | -3 m kg                              | *20 300  | *20 300   | *26 320  | *26 320   | *26 750  | *26 750   | *20 560  | 17 240    | *16 160  | 12 490    |          |           | *13 360  | 10 460    | *13 360    | 10 460    | 8.6  |
|                                                                     | -4.5 m kg                            |          |           | *30 200  | *30 200   | *22 960  | *22 960   | *17 760  | 17 620    |          |           |          |           | *13 390  | 13 150    | *13 390    | 13 150    | 7.4  |
| Boom : HD 7.0 m<br>Arm : 3.9 m<br>Shoe : 600 mm<br>CWT : 10 600 kg  | -6 m kg                              |          |           |          |           | *15 870  | *15 870   |          |           |          |           |          |           | *12 290  | *12 290   | *12 290    | *12 290   | 5.6  |
|                                                                     | 9.0 m kg                             |          |           |          |           |          |           |          |           |          |           |          |           |          |           | *7 930     | *7 930    | 8.4  |
|                                                                     | 7.5 m kg                             |          |           |          |           |          |           |          |           |          |           | *9 860   | *9 860    |          |           | *7 530     | *7 530    | 9.4  |
|                                                                     | 6 m kg                               |          |           |          |           |          |           |          |           |          |           | *10 910  | 10 750    |          |           | *7 410     | *7 410    | 10.1 |
|                                                                     | 4.5 m kg                             |          |           |          |           |          |           |          |           | *12 820  | *12 820   | *11 590  | 10 480    |          |           | *7 490     | *7 490    | 10.5 |
|                                                                     | 3 m kg                               |          |           |          |           | *24 690  | *24 690   | *17 710  | *17 710   | *14 350  | 13 380    | *12 450  | 10 170    | *9 520   | 7 990     | *7 750     | *7 750    | 10.7 |
|                                                                     | 1.5 m kg                             |          |           |          |           | *21 740  | *21 740   | *20 000  | 17 810    | *15 740  | 12 870    | *13 270  | 9 870     | *9 960   | 7 850     | *8 250     | 7 690     | 10.6 |
|                                                                     | 0 m kg                               |          |           |          |           | *22 680  | *22 680   | *21 370  | 17 260    | *16 710  | 12 500    | 13 390   | 9 650     |          |           | *9 030     | 7 870     | 10.4 |
|                                                                     | -1.5 m kg                            | *11 000  | *11 000   | *15 430  | *15 430   | *28 930  | 26 920    | *21 720  | 17 020    | *17 040  | 12 310    | 13 280   | 9 550     |          |           | *10 270    | 8 380     | 9.9  |
|                                                                     | -3 m kg                              | *18 010  | *18 010   | *23 640  | *23 640   | *27 750  | 27 090    | *21 000  | 17 040    | *16 520  | 12 310    | *13 060  | 9 620     |          |           | *12 390    | 9 400     | 9.2  |
|                                                                     | -4.5 m kg                            | *26 130  | *26 130   | *33 650  | *33 650   | *24 650  | *24 650   | *18 910  | 17 310    | *14 560  | 12 550    |          |           |          |           | *12 890    | 11 410    | 8.1  |
|                                                                     | -6 m kg                              |          |           | *25 190  | *25 190   | *19 020  | *19 020   | *14 120  | *14 120   |          |           |          |           |          |           | *12 560    | *12 560   | 6.4  |

Notes: 1. Machine in "Fine Mode-F" (Power Boost) for lifting capacities. 2. The above loads are in compliance with SAE J1097 and ISO 10567 Hydraulic Excavator Lifting Capacity Standards. 3. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. 4. Rated loads marked with an asterisk (\*) are limited by hydraulic capacity rather than tipping load.

# LIFTING CAPACITY EC550EL Wide retractable undercarriage

Lifting capacity at the arm end without bucket.

For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick coupler from the following values.

|                                                                                 | Lifting hook<br>related to<br>ground level | 1.5 m       |              | 3.0 m       |              | 4.5 m       |              | 6.0 m       |              | 7.5 m       |              | 9.0 m       |              | 10.5 m      |              | Max. reach  |              | m    |
|---------------------------------------------------------------------------------|--------------------------------------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|------|
|                                                                                 |                                            | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC |      |
| Boom :<br>ME 6.5 m<br>Arm :<br>2.55 m<br>Shoe :<br>750 mm<br>CWT :<br>10 600 kg | 9.0 m kg                                   |             |              |             |              |             |              |             |              |             |              | *13 710     | *13 710      |             |              | *13 710     | *13 710      | 6.1  |
|                                                                                 | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *12 460     | *12 460      | 7.4  |
|                                                                                 | 6 m kg                                     |             |              |             |              |             |              | *15 460     | *15 460      | *14 090     | *14 090      |             |              |             |              | *12 040     | *12 040      | 8.2  |
|                                                                                 | 4.5 m kg                                   |             |              |             |              | *23 390     | *23 390      | *17 640     | *17 640      | *15 010     | 13 970       |             |              |             |              | *12 100     | 10 990       | 8.7  |
|                                                                                 | 3 m kg                                     |             |              |             |              |             |              | *19 980     | 18 790       | *16 180     | 13 540       |             |              |             |              | *12 560     | 10 390       | 9.0  |
|                                                                                 | 1.5 m kg                                   |             |              |             |              | *18 660     | *18 660      | *21 670     | 18 160       | *17 140     | 13 180       |             |              |             |              | *13 500     | 10 310       | 8.9  |
|                                                                                 | 0 m kg                                     |             |              |             |              | *28 330     | 28 090       | *22 260     | 17 850       | *17 520     | 12 980       |             |              |             |              | 14 810      | 10 730       | 8.6  |
|                                                                                 | -1.5 m kg                                  |             |              | *21 630     | *21 630      | *28 310     | 28 240       | *21 610     | 17 840       | *16 880     | 12 990       |             |              |             |              | *15 260     | 11 860       | 8.0  |
|                                                                                 | -3 m kg                                    |             |              | *32 180     | *32 180      | *25 040     | *25 040      | *19 280     | 18 110       |             |              |             |              |             |              | *15 320     | 14 360       | 7.1  |
| Boom :<br>ME 6.5 m<br>Arm :<br>3.0 m<br>Shoe :<br>750 mm<br>CWT :<br>10 600 kg  | 9.0 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *11 410     | *11 410      | 6.6  |
|                                                                                 | 7.5 m kg                                   |             |              |             |              |             |              |             |              | *12 870     | *12 870      |             |              |             |              | *10 570     | *10 570      | 7.8  |
|                                                                                 | 6 m kg                                     |             |              |             |              |             |              |             |              | *13 210     | *13 210      |             |              |             |              | *10 290     | *10 290      | 8.6  |
|                                                                                 | 4.5 m kg                                   |             |              |             |              | *21 510     | *21 510      | *16 610     | *16 610      | *14 260     | 14 000       | *11 970     | 10 480       |             |              | *10 400     | 10 280       | 9.1  |
|                                                                                 | 3 m kg                                     |             |              |             |              | *26 640     | *26 640      | *19 080     | 18 850       | *15 540     | 13 520       | *13 620     | 10 280       |             |              | *10 850     | 9 730        | 9.3  |
|                                                                                 | 1.5 m kg                                   |             |              |             |              | *25 960     | *25 960      | *21 030     | 18 110       | *16 660     | 13 100       | 13 900      | 10 080       |             |              | *11 670     | 9 630        | 9.3  |
|                                                                                 | 0 m kg                                     |             |              |             |              | *30 000     | 27 800       | *21 960     | 17 700       | *17 270     | 12 840       | *13 240     | 9 980        |             |              | *13 090     | 9 970        | 9.0  |
|                                                                                 | -1.5 m kg                                  |             |              | *21 810     | *21 810      | *28 870     | 27 850       | *21 720     | 17 600       | *17 020     | 12 780       |             |              |             |              | *14 580     | 10 900       | 8.4  |
|                                                                                 | -3 m kg                                    |             |              | *35 110     | *35 110      | *26 170     | *26 170      | *19 990     | 17 790       | *15 060     | 13 000       |             |              |             |              | *14 890     | 12 900       | 7.5  |
| Boom :<br>HD 7.0 m<br>Arm :<br>2.55 m<br>Shoe :<br>750 mm<br>CWT :<br>10 600 kg | -4.5 m kg                                  |             |              |             |              | *20 920     | *20 920      | *15 290     | *15 290      |             |              |             |              |             |              | *14 610     | *14 610      | 6.2  |
|                                                                                 | 7.5 m kg                                   |             |              |             |              |             |              |             |              | *13 100     | *13 100      |             |              |             |              | *12 630     | *12 630      | 8.0  |
|                                                                                 | 6 m kg                                     |             |              |             |              |             |              |             |              | *13 640     | *13 640      |             |              |             |              | *12 280     | 11 010       | 8.8  |
|                                                                                 | 4.5 m kg                                   |             |              |             |              |             |              | *17 810     | *17 810      | *14 760     | 13 830       | *13 250     | 10 460       |             |              | *12 350     | 9 980        | 9.3  |
|                                                                                 | 3 m kg                                     |             |              |             |              |             |              | *20 160     | 18 420       | *16 000     | 13 360       | *13 770     | 10 250       |             |              | *12 790     | 9 480        | 9.5  |
|                                                                                 | 1.5 m kg                                   |             |              |             |              |             |              | *21 670     | 17 830       | *16 970     | 13 000       | 13 870      | 10 070       |             |              | 12 920      | 9 410        | 9.4  |
|                                                                                 | 0 m kg                                     |             |              |             |              | *16 090     | *16 090      | *22 070     | 17 580       | *17 370     | 12 790       | 13 780      | 9 980        |             |              | 13 430      | 9 740        | 9.2  |
|                                                                                 | -1.5 m kg                                  |             |              |             |              | *27 490     | *27 490      | *21 410     | 17 580       | *16 940     | 12 780       |             |              |             |              | *14 120     | 10 640       | 8.6  |
|                                                                                 | -3 m kg                                    |             |              | *30 460     | *30 460      | *24 710     | *24 710      | *19 500     | 17 820       | *15 020     | 13 010       |             |              |             |              | *14 180     | 12 510       | 7.7  |
| Boom :<br>HD 7.0 m<br>Arm :<br>3.0 m<br>Shoe :<br>750 mm<br>CWT :<br>10 600 kg  | -4.5 m kg                                  |             |              | *24 240     | *24 240      | *19 790     | *19 790      | *15 120     | *15 120      |             |              |             |              |             |              | *13 550     | *13 550      | 6.4  |
|                                                                                 | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *10 710     | *10 710      | 8.4  |
|                                                                                 | 6 m kg                                     |             |              |             |              |             |              |             |              | *12 850     | *12 850      | *12 170     | 10 640       |             |              | *10 510     | 10 260       | 9.2  |
|                                                                                 | 4.5 m kg                                   |             |              |             |              | *22 740     | *22 740      | *16 800     | *16 800      | *14 050     | 13 850       | *12 600     | 10 450       |             |              | *10 630     | 9 340        | 9.6  |
|                                                                                 | 3 m kg                                     |             |              |             |              |             |              | *19 280     | 18 460       | *15 390     | 13 330       | *13 260     | 10 190       |             |              | *11 050     | 8 890        | 9.8  |
|                                                                                 | 1.5 m kg                                   |             |              |             |              |             |              | *21 070     | 17 750       | *16 510     | 12 910       | 13 770      | 9 960        |             |              | *11 830     | 8 800        | 9.8  |
|                                                                                 | 0 m kg                                     |             |              |             |              | *19 930     | *19 930      | *21 810     | 17 400       | *17 100     | 12 640       | 13 620      | 9 820        |             |              | 12 530      | 9 070        | 9.5  |
|                                                                                 | -1.5 m kg                                  |             |              | *15 900     | *15 900      | *28 200     | 27 500       | *21 490     | 17 330       | *16 960     | 12 570       | *13 550     | 9 840        |             |              | *13 490     | 9 810        | 9.0  |
|                                                                                 | -3 m kg                                    |             |              | *28 620     | *28 620      | *25 770     | *25 770      | *20 020     | 17 500       | *15 680     | 12 710       |             |              |             |              | *13 730     | 11 340       | 8.2  |
| Boom :<br>HD 7.0 m<br>Arm :<br>3.35 m<br>Shoe :<br>750 mm<br>CWT :<br>10 600 kg | -4.5 m kg                                  |             |              | *27 510     | *27 510      | *21 530     | *21 530      | *16 670     | *16 670      |             |              |             |              |             |              | *13 570     | *13 570      | 6.9  |
|                                                                                 | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *9 400      | *9 400       | 8.8  |
|                                                                                 | 6 m kg                                     |             |              |             |              |             |              |             |              |             |              | *11 710     | 10 780       |             |              | *9 230      | *9 230       | 9.5  |
|                                                                                 | 4.5 m kg                                   |             |              |             |              |             |              | *16 180     | *16 180      | *13 650     | *13 650      | *12 270     | 10 560       |             |              | *9 320      | 8 930        | 10.0 |
|                                                                                 | 3 m kg                                     |             |              |             |              | *22 850     | *22 850      | *18 780     | 18 720       | *15 070     | 13 470       | *13 020     | 10 280       |             |              | *9 670      | 8 520        | 10.2 |
|                                                                                 | 1.5 m kg                                   |             |              |             |              | *16 420     | *16 420      | *20 780     | 17 950       | *16 310     | 13 020       | *13 700     | 10 030       |             |              | *10 320     | 8 430        | 10.1 |
|                                                                                 | 0 m kg                                     |             |              |             |              | *20 970     | *20 970      | *21 780     | 17 520       | *17 060     | 12 720       | 13 650      | 9 850        |             |              | *11 370     | 8 660        | 9.9  |
|                                                                                 | -1.5 m kg                                  |             |              | *15 720     | *15 720      | *28 880     | 27 530       | *21 730     | 17 390       | *17 110     | 12 600       | 13 610      | 9 820        |             |              | 12 860      | 9 310        | 9.4  |
|                                                                                 | -3 m kg                                    | *20 300     | *20 300      | *26 320     | *26 320      | *26 750     | *26 750      | *20 560     | 17 490       | *16 160     | 12 680       |             |              |             |              | *13 360     | 10 610       | 8.6  |
| Boom :<br>HD 7.0 m<br>Arm :<br>3.9 m<br>Shoe :<br>750 mm<br>CWT :<br>10 600 kg  | -4.5 m kg                                  |             |              | *30 200     | *30 200      | *22 960     | *22 960      | *17 760     | *17 760      |             |              |             |              |             |              | *13 390     | 13 330       | 7.4  |
|                                                                                 | -6 m kg                                    |             |              |             |              | *15 870     | *15 870      |             |              |             |              |             |              |             |              | *12 290     | *12 290      | 5.6  |
|                                                                                 | 9.0 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *7 930      | *7 930       | 8.4  |
|                                                                                 | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              | *9 860      | *9 860       |             |              | *7 530      | *7 530       | 9.4  |
|                                                                                 | 6 m kg                                     |             |              |             |              |             |              |             |              |             |              | *10 910     | 10 890       |             |              | *7 410      | *7 410       | 10.1 |
|                                                                                 | 4.5 m kg                                   |             |              |             |              |             |              |             |              | *12 820     | *12 820      | *11 590     | 10 630       |             |              | *7 490      | *7 490       | 10.5 |
|                                                                                 | 3 m kg                                     |             |              |             |              | *24 690     | *24 690      | *17 710     | *17 710      | *14 350     | 13 560       | *12 450     | 10 310       | *9 520      | 8 110        | *7 750      | *7 750       | 10.7 |
|                                                                                 | 1.5 m kg                                   |             |              |             |              | *21 740     | *21 740      | *20 000     | 18 060       | *15 740     | 13 050       | *13 270     | 10 010       | *9 960      | 7 970        | *8 250      | 7 810        | 10.6 |
|                                                                                 | 0 m kg                                     |             |              |             |              | *22 680     | *22 680      | *21 370     | 17 510       | *16 710     | 12 680       | 13 590      | 9 790        |             |              | *9 030      | 7 990        | 10.4 |
| Boom :<br>HD 7.0 m<br>Arm :<br>3.9 m<br>Shoe :<br>750 mm<br>CWT :<br>10 600 kg  | -1.5 m kg                                  | *11 000     | *11 000      | *15 430     | *15 430      | *28 930     | 27 300       | *21 720     | 17 270       | *17 040     | 12 500       | 13 480      | 9 690        |             |              | *10 270     | 8 510        | 9.9  |
|                                                                                 | -3 m kg                                    | *18 010     | *18 010      | *23 640     | *23 640      | *27 750     | 27 480       | *21 000     | 17 290       | *16 520     | 12 500       | *13 060     | 9 760        |             |              | *12 390     | 9 540        | 9.2  |
|                                                                                 | -4.5 m kg                                  | *26 130     | *26 130      | *33 650     | *33 650      | *24 650     | *24 650      | *18 910     | 17 560       | *14 560     | 12 740       |             |              |             |              | *12 890     | 11 580       | 8.1  |
|                                                                                 | -6 m kg                                    |             |              | *25 190     | *25 190      | *19 020     | *19 020      | *14 120     | *14 120      |             |              |             |              |             |              | *12 560     | *12 560      | 6.4  |

Notes: 1. Machine in "Fine Mode-F" (Power Boost) for lifting capacities. 2. The above loads are in compliance with SAE J1097 and ISO 10567 Hydraulic Excavator Lifting Capacity Standards. 3. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. 4. Rated loads marked with an asterisk (\*) are limited by hydraulic capacity rather than tipping load.

# Specifications

## LIFTING CAPACITY EC550EL Wide retractable undercarriage

Lifting capacity at the arm end without bucket.

For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick coupler from the following values.

|                                                                                 | Lifting hook<br>related to<br>ground level | 1.5 m       |              | 3.0 m       |              | 4.5 m       |              | 6.0 m       |              | 7.5 m       |              | 9.0 m       |              | 10.5 m      |              | Max. reach  |              | m    |
|---------------------------------------------------------------------------------|--------------------------------------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|------|
|                                                                                 |                                            | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC |      |
| Boom :<br>ME 6.5 m<br>Arm :<br>2.55 m<br>Shoe :<br>900 mm<br>CWT :<br>10 600 kg | 9.0 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *13 710     | *13 710      | 6.1  |
|                                                                                 | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *12 460     | *12 460      | 7.4  |
|                                                                                 | 6 m kg                                     |             |              |             |              |             |              | *15 460     | *15 460      | *14 090     | *14 090      |             |              |             |              | *12 040     | *12 040      | 8.2  |
|                                                                                 | 4.5 m kg                                   |             |              |             |              | *23 390     | *23 390      | *17 640     | *17 640      | *15 010     | 14 150       |             |              |             |              | *12 100     | 11 140       | 8.7  |
|                                                                                 | 3 m kg                                     |             |              |             |              |             |              | *19 980     | 19 040       | *16 180     | 13 720       |             |              |             |              | *12 560     | 10 540       | 9.0  |
|                                                                                 | 1.5 m kg                                   |             |              |             |              | *18 660     | *18 660      | *21 670     | 18 410       | *17 140     | 13 370       |             |              |             |              | *13 500     | 10 450       | 8.9  |
|                                                                                 | 0 m kg                                     |             |              |             |              | *28 330     | *28 330      | *22 260     | 18 100       | *17 520     | 13 170       |             |              |             |              | *14 930     | 10 880       | 8.6  |
|                                                                                 | -1.5 m kg                                  |             |              | *21 630     | *21 630      | *28 310     | *28 310      | *21 610     | 18 090       | *16 880     | 13 170       |             |              |             |              | *15 260     | 12 030       | 8.0  |
|                                                                                 | -3 m kg                                    |             |              | *32 180     | *32 180      | *25 040     | *25 040      | *19 280     | 18 360       |             |              |             |              |             |              | *15 320     | 14 550       | 7.1  |
| Boom :<br>ME 6.5 m<br>Arm :<br>3.0 m<br>Shoe :<br>900 mm<br>CWT :<br>10 600 kg  | 9.0 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *11 410     | *11 410      | 6.6  |
|                                                                                 | 7.5 m kg                                   |             |              |             |              |             |              |             |              | *12 870     | *12 870      |             |              |             |              | *10 570     | *10 570      | 7.8  |
|                                                                                 | 6 m kg                                     |             |              |             |              |             |              |             |              | *13 210     | *13 210      |             |              |             |              | *10 290     | *10 290      | 8.6  |
|                                                                                 | 4.5 m kg                                   |             |              |             |              | *21 510     | *21 510      | *16 610     | *16 610      | *14 260     | 14 180       | *11 970     | 10 630       |             |              | *10 400     | *10 400      | 9.1  |
|                                                                                 | 3 m kg                                     |             |              |             |              | *26 640     | *26 640      | *19 080     | *19 080      | *15 540     | 13 700       | *13 620     | 10 420       |             |              | *10 850     | 9 870        | 9.3  |
|                                                                                 | 1.5 m kg                                   |             |              |             |              | *25 960     | *25 960      | *21 030     | 18 350       | *16 660     | 13 280       | 14 100      | 10 220       |             |              | *11 670     | 9 770        | 9.3  |
|                                                                                 | 0 m kg                                     |             |              |             |              | *30 000     | 28 180       | *21 960     | 17 950       | *17 270     | 13 020       | *13 240     | 10 120       |             |              | *13 090     | 10 110       | 9.0  |
|                                                                                 | -1.5 m kg                                  |             |              | *21 810     | *21 810      | *28 870     | 28 230       | *21 720     | 17 850       | *17 020     | 12 960       |             |              |             |              | *14 580     | 11 060       | 8.4  |
|                                                                                 | -3 m kg                                    |             |              | *35 110     | *35 110      | *26 170     | *26 170      | *19 990     | 18 030       | *15 060     | 13 180       |             |              |             |              | *14 890     | 13 080       | 7.5  |
| Boom :<br>HD 7.0 m<br>Arm :<br>2.55 m<br>Shoe :<br>900 mm<br>CWT :<br>10 600 kg | -4.5 m kg                                  |             |              |             |              | *20 920     | *20 920      | *15 290     | *15 290      |             |              |             |              |             |              | *14 610     | *14 610      | 6.2  |
|                                                                                 | 7.5 m kg                                   |             |              |             |              |             |              |             |              | *13 100     | *13 100      |             |              |             |              | *12 630     | *12 630      | 8.0  |
|                                                                                 | 6 m kg                                     |             |              |             |              |             |              |             |              | *13 640     | *13 640      |             |              |             |              | *12 280     | 11 160       | 8.8  |
|                                                                                 | 4.5 m kg                                   |             |              |             |              |             |              | *17 810     | *17 810      | *14 760     | 14 010       | *13 250     | 10 610       |             |              | *12 350     | 10 120       | 9.3  |
|                                                                                 | 3 m kg                                     |             |              |             |              |             |              | *20 160     | 18 670       | *16 000     | 13 550       | *13 770     | 10 400       |             |              | *12 790     | 9 620        | 9.5  |
|                                                                                 | 1.5 m kg                                   |             |              |             |              |             |              | *21 670     | 18 080       | *16 970     | 13 180       | 14 070      | 10 210       |             |              | 13 110      | 9 540        | 9.4  |
|                                                                                 | 0 m kg                                     |             |              |             |              | *16 090     | *16 090      | *22 070     | 17 830       | *17 370     | 12 980       | 13 980      | 10 130       |             |              | 13 630      | 9 890        | 9.2  |
|                                                                                 | -1.5 m kg                                  |             |              |             |              | *27 490     | *27 490      | *21 410     | 17 830       | *16 940     | 12 960       |             |              |             |              | *14 120     | 10 790       | 8.6  |
|                                                                                 | -3 m kg                                    |             |              | *30 460     | *30 460      | *24 710     | *24 710      | *19 500     | 18 070       | *15 020     | 13 190       |             |              |             |              | *14 180     | 12 680       | 7.7  |
| Boom :<br>HD 7.0 m<br>Arm :<br>3.0 m<br>Shoe :<br>900 mm<br>CWT :<br>10 600 kg  | -4.5 m kg                                  |             |              | *24 240     | *24 240      | *19 790     | *19 790      | *15 120     | *15 120      |             |              |             |              |             |              | *13 550     | *13 550      | 6.4  |
|                                                                                 | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *10 710     | *10 710      | 8.4  |
|                                                                                 | 6 m kg                                     |             |              |             |              |             |              |             |              | *12 850     | *12 850      | *12 170     | 10 790       |             |              | *10 510     | 10 410       | 9.2  |
|                                                                                 | 4.5 m kg                                   |             |              |             |              | *22 740     | *22 740      | *16 800     | *16 800      | *14 050     | 14 030       | *12 600     | 10 600       |             |              | *10 630     | 9 480        | 9.6  |
|                                                                                 | 3 m kg                                     |             |              |             |              |             |              | *19 280     | 18 710       | *15 390     | 13 510       | *13 260     | 10 340       |             |              | *11 050     | 9 020        | 9.8  |
|                                                                                 | 1.5 m kg                                   |             |              |             |              |             |              | *21 070     | 18 000       | *16 510     | 13 090       | *13 850     | 10 100       |             |              | *11 830     | 8 930        | 9.8  |
|                                                                                 | 0 m kg                                     |             |              |             |              | *19 930     | *19 930      | *21 810     | 17 650       | *17 100     | 12 830       | 13 820      | 9 970        |             |              | 12 720      | 9 200        | 9.5  |
|                                                                                 | -1.5 m kg                                  |             |              | *15 900     | *15 900      | *28 200     | 27 890       | *21 490     | 17 580       | *16 960     | 12 750       | *13 550     | 9 990        |             |              | *13 490     | 9 960        | 9.0  |
|                                                                                 | -3 m kg                                    |             |              | *28 620     | *28 620      | *25 770     | *25 770      | *20 020     | 17 750       | *15 680     | 12 890       |             |              |             |              | *13 730     | 11 500       | 8.2  |
| Boom :<br>HD 7.0 m<br>Arm :<br>3.35 m<br>Shoe :<br>900 mm<br>CWT :<br>10 600 kg | -4.5 m kg                                  |             |              | *27 510     | *27 510      | *21 530     | *21 530      | *16 670     | *16 670      |             |              |             |              |             |              | *13 570     | *13 570      | 6.9  |
|                                                                                 | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *9 400      | *9 400       | 8.8  |
|                                                                                 | 6 m kg                                     |             |              |             |              |             |              |             |              |             |              | *11 710     | 10 930       |             |              | *9 230      | *9 230       | 9.5  |
|                                                                                 | 4.5 m kg                                   |             |              |             |              |             |              | *16 180     | *16 180      | *13 650     | *13 650      | *12 270     | 10 700       |             |              | *9 320      | 9 060        | 10.0 |
|                                                                                 | 3 m kg                                     |             |              |             |              | *22 850     | *22 850      | *18 780     | *18 780      | *15 070     | 13 650       | *13 020     | 10 430       |             |              | *9 670      | 8 640        | 10.2 |
|                                                                                 | 1.5 m kg                                   |             |              |             |              | *16 420     | *16 420      | *20 780     | 18 190       | *16 310     | 13 200       | *13 700     | 10 170       |             |              | *10 320     | 8 550        | 10.1 |
|                                                                                 | 0 m kg                                     |             |              |             |              | *20 970     | *20 970      | *21 780     | 17 770       | *17 060     | 12 900       | 13 850      | 10 000       |             |              | *11 370     | 8 790        | 9.9  |
|                                                                                 | -1.5 m kg                                  |             |              | *15 720     | *15 720      | *28 880     | 27 910       | *21 730     | 17 630       | *17 110     | 12 780       | 13 810      | 9 960        |             |              | 13 060      | 9 450        | 9.4  |
|                                                                                 | -3 m kg                                    | *20 300     | *20 300      | *26 320     | *26 320      | *26 750     | *26 750      | *20 560     | 17 740       | *16 160     | 12 860       |             |              |             |              | *13 360     | 10 770       | 8.6  |
| Boom :<br>HD 7.0 m<br>Arm :<br>3.9 m<br>Shoe :<br>900 mm<br>CWT :<br>10 600 kg  | -4.5 m kg                                  |             |              | *30 200     | *30 200      | *22 960     | *22 960      | *17 760     | *17 760      |             |              |             |              |             |              | *13 390     | *13 390      | 7.4  |
|                                                                                 | -6 m kg                                    |             |              |             |              | *15 870     | *15 870      |             |              |             |              |             |              |             |              | *12 290     | *12 290      | 5.6  |
|                                                                                 | 9.0 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *7 930      | *7 930       | 8.4  |
|                                                                                 | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              | *9 860      | *9 860       |             |              | *7 530      | *7 530       | 9.4  |
|                                                                                 | 6 m kg                                     |             |              |             |              |             |              |             |              |             |              | *10 910     | *10 910      |             |              | *7 410      | *7 410       | 10.1 |
|                                                                                 | 4.5 m kg                                   |             |              |             |              |             |              |             |              | *12 820     | *12 820      | *11 590     | 10 770       |             |              | *7 490      | *7 490       | 10.5 |
|                                                                                 | 3 m kg                                     |             |              |             |              | *24 690     | *24 690      | *17 710     | *17 710      | *14 350     | 13 750       | *12 450     | 10 460       | *9 520      | 8 230        | *7 750      | *7 750       | 10.7 |
|                                                                                 | 1.5 m kg                                   |             |              |             |              | *21 740     | *21 740      | *20 000     | 18 310       | *15 740     | 13 230       | *13 270     | 10 160       | *9 960      | 8 090        | *8 250      | 7 930        | 10.6 |
|                                                                                 | 0 m kg                                     |             |              |             |              | *22 680     | *22 680      | *21 370     | 17 750       | *16 710     | 12 870       | 13 800      | 9 940        |             |              | *9 030      | 8 110        | 10.4 |
| Boom :<br>HD 7.0 m<br>Arm :<br>3.9 m<br>Shoe :<br>900 mm<br>CWT :<br>10 600 kg  | -1.5 m kg                                  | *11 000     | *11 000      | *15 430     | *15 430      | *28 930     | 27 680       | *21 720     | 17 520       | *17 040     | 12 680       | 13 690      | 9 840        |             |              | *10 270     | 8 640        | 9.9  |
|                                                                                 | -3 m kg                                    | *18 010     | *18 010      | *23 640     | *23 640      | *27 750     | *27 750      | *21 000     | 17 540       | *16 520     | 12 680       | *13 060     | 9 910        |             |              | *12 390     | 9 680        | 9.2  |
|                                                                                 | -4.5 m kg                                  | *26 130     | *26 130      | *33 650     | *33 650      | *24 650     | *24 650      | *18 910     | 17 800       | *14 560     | 12 920       |             |              |             |              | *12 890     | 11 750       | 8.1  |
|                                                                                 | -6 m kg                                    |             |              | *25 190     | *25 190      | *19 020     | *19 020      | *14 120     | *14 120      |             |              |             |              |             |              | *12 560     | *12 560      | 6.4  |

Notes: 1. Machine in "Fine Mode-F" (Power Boost) for lifting capacities. 2. The above loads are in compliance with SAE J1097 and ISO 10567 Hydraulic Excavator Lifting Capacity Standards. 3. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. 4. Rated loads marked with an asterisk (\*) are limited by hydraulic capacity rather than tipping load.

# LIFTING CAPACITY EC550EL Wide retractable undercarriage

Lifting capacity at the arm end without bucket.

For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick coupler from the following values.

|                                                                                           | Lifting hook<br>related to<br>ground level | 1.5 m       |              | 3.0 m       |              | 4.5 m       |              | 6.0 m       |              | 7.5 m       |              | 9.0 m       |              | 10.5 m      |              | Max. reach  |              | m    |
|-------------------------------------------------------------------------------------------|--------------------------------------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|------|
|                                                                                           |                                            | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC |      |
| Boom :<br>ME 6.5 m<br>Arm :<br>2.55 m<br>Shoe :<br>600 mm<br>double<br>CWT :<br>10 600 kg | 9.0 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *13 690     | *13 690      | 6.1  |
|                                                                                           | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *12 460     | *12 460      | 7.4  |
|                                                                                           | 6 m kg                                     |             |              |             |              |             |              | *15 480     | *15 480      | *14 090     | *14 090      |             |              |             |              | *12 040     | *12 040      | 8.2  |
|                                                                                           | 4.5 m kg                                   |             |              |             |              | *23 440     | *23 440      | *17 660     | *17 660      | *15 020     | 13 740       |             |              |             |              | *12 090     | 10 800       | 8.7  |
|                                                                                           | 3 m kg                                     |             |              |             |              |             |              | *20 000     | 18 480       | *16 190     | 13 310       |             |              |             |              | *12 560     | 10 210       | 9.0  |
|                                                                                           | 1.5 m kg                                   |             |              |             |              | *18 700     | *18 700      | *21 680     | 17 850       | *17 150     | 12 960       |             |              |             |              | *13 500     | 10 130       | 8.9  |
|                                                                                           | 0 m kg                                     |             |              |             |              | *28 430     | 27 620       | *22 260     | 17 550       | *17 520     | 12 760       |             |              |             |              | 14 560      | 10 550       | 8.6  |
|                                                                                           | -1.5 m kg                                  |             |              | *21 760     | *21 760      | *28 290     | 27 770       | *21 600     | 17 540       | *16 860     | 12 770       |             |              |             |              | *15 260     | 11 670       | 8.0  |
|                                                                                           | -3 m kg                                    |             |              | *32 140     | *32 140      | *25 000     | *25 000      | *19 250     | 17 810       |             |              |             |              |             |              | *15 320     | 14 140       | 7.1  |
| Boom :<br>ME 6.5 m<br>Arm :<br>3.0 m<br>Shoe :<br>600 mm<br>double<br>CWT :<br>10 600 kg  | 9.0 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *11 400     | *11 400      | 6.6  |
|                                                                                           | 7.5 m kg                                   |             |              |             |              |             |              |             |              | *12 870     | *12 870      |             |              |             |              | *10 560     | *10 560      | 7.8  |
|                                                                                           | 6 m kg                                     |             |              |             |              |             |              |             |              | *13 220     | *13 220      |             |              |             |              | *10 290     | *10 290      | 8.6  |
|                                                                                           | 4.5 m kg                                   |             |              |             |              | *21 560     | *21 560      | *16 630     | *16 630      | *14 270     | 13 770       | *12 000     | 10 300       |             |              | *10 410     | 10 100       | 9.1  |
|                                                                                           | 3 m kg                                     |             |              |             |              | *26 670     | *26 670      | *19 100     | 18 540       | *15 550     | 13 290       | *13 630     | 10 100       |             |              | *10 850     | 9 560        | 9.3  |
|                                                                                           | 1.5 m kg                                   |             |              |             |              | *25 950     | *25 950      | *21 040     | 17 800       | *16 670     | 12 870       | 13 650      | 9 900        |             |              | *11 680     | 9 460        | 9.3  |
|                                                                                           | 0 m kg                                     |             |              |             |              | *29 990     | 27 330       | *21 970     | 17 390       | *17 270     | 12 610       | *13 180     | 9 800        |             |              | *13 100     | 9 790        | 9.0  |
|                                                                                           | -1.5 m kg                                  |             |              | *21 900     | *21 900      | *28 860     | 27 380       | *21 710     | 17 300       | *17 020     | 12 550       |             |              |             |              | *14 580     | 10 720       | 8.4  |
|                                                                                           | -3 m kg                                    |             |              | *35 070     | *35 070      | *26 140     | *26 140      | *19 970     | 17 490       | *15 030     | 12 780       |             |              |             |              | *14 890     | 12 700       | 7.5  |
| Boom :<br>HD 7.0 m<br>Arm :<br>2.55 m<br>Shoe :<br>600 mm<br>double<br>CWT :<br>10 600 kg | -4.5 m kg                                  |             |              |             |              | *20 870     | *20 870      | *15 220     | *15 220      |             |              |             |              |             |              | *14 600     | *14 600      | 6.1  |
|                                                                                           | 7.5 m kg                                   |             |              |             |              |             |              |             |              | *13 100     | *13 100      |             |              |             |              | *12 610     | *12 610      | 8.0  |
|                                                                                           | 6 m kg                                     |             |              |             |              |             |              |             |              | *13 640     | *13 640      |             |              |             |              | *12 280     | 10 820       | 8.8  |
|                                                                                           | 4.5 m kg                                   |             |              |             |              |             |              | *17 830     | *17 830      | *14 770     | 13 600       | *13 250     | 10 290       |             |              | *12 340     | 9 800        | 9.3  |
|                                                                                           | 3 m kg                                     |             |              |             |              |             |              | *20 180     | 18 110       | *16 010     | 13 140       | *13 780     | 10 070       |             |              | 12 760      | 9 310        | 9.5  |
|                                                                                           | 1.5 m kg                                   |             |              |             |              |             |              | *21 680     | 17 520       | *16 980     | 12 770       | 13 620      | 9 890        |             |              | 12 690      | 9 240        | 9.4  |
|                                                                                           | 0 m kg                                     |             |              |             |              | *16 190     | *16 190      | *22 070     | 17 270       | *17 370     | 12 570       | 13 530      | 9 800        |             |              | 13 190      | 9 570        | 9.2  |
|                                                                                           | -1.5 m kg                                  |             |              |             |              | *27 470     | *27 470      | *21 400     | 17 280       | *16 930     | 12 550       |             |              |             |              | *14 120     | 10 460       | 8.6  |
|                                                                                           | -3 m kg                                    |             |              | *30 420     | *30 420      | *24 680     | *24 680      | *19 480     | 17 520       | *15 000     | 12 790       |             |              |             |              | *14 180     | 12 310       | 7.7  |
| Boom :<br>HD 7.0 m<br>Arm :<br>3.0 m<br>Shoe :<br>600 mm<br>double<br>CWT :<br>10 600 kg  | -4.5 m kg                                  |             |              | *24 180     | *24 180      | *19 740     | *19 740      | *15 060     | *15 060      |             |              |             |              |             |              | *13 540     | *13 540      | 6.4  |
|                                                                                           | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *10 700     | *10 700      | 8.5  |
|                                                                                           | 6 m kg                                     |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *10 500     | 10 080       | 9.2  |
|                                                                                           | 4.5 m kg                                   |             |              |             |              | *22 780     | *22 780      | *16 820     | *16 820      | *14 060     | 13 620       | *12 610     | 10 270       |             |              | *10 620     | 9 170        | 9.6  |
|                                                                                           | 3 m kg                                     |             |              |             |              |             |              | *19 300     | 18 150       | *15 400     | 13 100       | *13 270     | 10 010       |             |              | *11 050     | 8 720        | 9.8  |
|                                                                                           | 1.5 m kg                                   |             |              |             |              |             |              | *21 080     | 17 450       | *16 510     | 12 680       | 13 520      | 9 780        |             |              | *11 830     | 8 640        | 9.8  |
|                                                                                           | 0 m kg                                     |             |              |             |              | *20 010     | *20 010      | *21 810     | 17 090       | *17 110     | 12 420       | 13 370      | 9 640        |             |              | 12 310      | 8 910        | 9.5  |
|                                                                                           | -1.5 m kg                                  |             |              | *15 990     | *15 990      | *28 190     | 27 030       | *21 490     | 17 030       | *16 960     | 12 340       | 13 390      | 9 660        |             |              | 13 360      | 9 640        | 9.0  |
|                                                                                           | -3 m kg                                    |             |              | *28 730     | *28 730      | *25 740     | *25 740      | *20 000     | 17 200       | *15 660     | 12 490       |             |              |             |              | *13 730     | 11 160       | 8.2  |
| Boom :<br>HD 7.0 m<br>Arm :<br>3.35 m<br>Shoe :<br>600 mm<br>double<br>CWT :<br>10 600 kg | -4.5 m kg                                  |             |              | *27 450     | *27 450      | *21 480     | *21 480      | *16 630     | *16 630      |             |              |             |              |             |              | *13 570     | *13 570      | 6.9  |
|                                                                                           | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *9 400      | *9 400       | 8.8  |
|                                                                                           | 6 m kg                                     |             |              |             |              |             |              |             |              |             |              | *11 710     | 10 610       |             |              | *9 230      | *9 230       | 9.5  |
|                                                                                           | 4.5 m kg                                   |             |              |             |              |             |              | *16 200     | *16 200      | *13 660     | *13 660      | *12 270     | 10 380       |             |              | *9 330      | 8 770        | 10.0 |
|                                                                                           | 3 m kg                                     |             |              |             |              | *22 700     | *22 700      | *18 800     | 18 410       | *15 080     | 13 240       | *13 020     | 10 100       |             |              | *9 690      | 8 360        | 10.2 |
|                                                                                           | 1.5 m kg                                   |             |              |             |              | *16 430     | *16 430      | *20 790     | 17 640       | *16 310     | 12 790       | 13 590      | 9 850        |             |              | *10 320     | 8 270        | 10.1 |
|                                                                                           | 0 m kg                                     |             |              |             |              | *21 030     | *21 030      | *21 790     | 17 210       | *17 060     | 12 490       | 13 400      | 9 680        |             |              | *11 380     | 8 510        | 9.9  |
|                                                                                           | -1.5 m kg                                  |             |              | *15 800     | *15 800      | *28 870     | 27 060       | *21 730     | 17 080       | *17 110     | 12 370       | 13 360      | 9 640        |             |              | 12 640      | 9 150        | 9.4  |
|                                                                                           | -3 m kg                                    | *20 370     | *20 370      | *26 410     | *26 410      | *26 730     | *26 730      | *20 540     | 17 190       | *16 150     | 12 450       |             |              |             |              | *13 360     | 10 440       | 8.6  |
| Boom :<br>HD 7.0 m<br>Arm :<br>3.9 m<br>Shoe :<br>600 mm<br>double<br>CWT :<br>10 600 kg  | -4.5 m kg                                  |             |              | *30 140     | *30 140      | *22 920     | *22 920      | *17 730     | 17 560       |             |              |             |              |             |              | *13 390     | 13 140       | 7.4  |
|                                                                                           | -6 m kg                                    |             |              |             |              | *15 790     | *15 790      |             |              |             |              |             |              |             |              | *12 270     | *12 270      | 5.5  |
|                                                                                           | 9.0 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *7 920      | *7 920       | 8.4  |
|                                                                                           | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              | *9 890      | *9 890       |             |              | *7 530      | *7 530       | 9.4  |
|                                                                                           | 6 m kg                                     |             |              |             |              |             |              |             |              |             |              | *10 910     | 10 720       |             |              | *7 410      | *7 410       | 10.1 |
|                                                                                           | 4.5 m kg                                   |             |              |             |              |             |              |             |              | *12 830     | *12 830      | *11 600     | 10 450       |             |              | *7 490      | *7 490       | 10.5 |
|                                                                                           | 3 m kg                                     |             |              |             |              | *24 730     | *24 730      | *17 730     | *17 730      | *14 360     | 13 330       | *12 460     | 10 130       | *9 530      | 7 960        | *7 760      | 7 750        | 10.7 |
|                                                                                           | 1.5 m kg                                   |             |              |             |              | *21 720     | *21 720      | *20 010     | 17 750       | *15 750     | 12 820       | *13 270     | 9 830        | *9 950      | 7 820        | *8 250      | 7 660        | 10.6 |
|                                                                                           | 0 m kg                                     |             |              |             |              | *22 710     | *22 710      | *21 380     | 17 200       | *16 710     | 12 460       | 13 350      | 9 610        |             |              | *9 040      | 7 840        | 10.4 |
| Boom :<br>HD 7.0 m<br>Arm :<br>3.9 m<br>Shoe :<br>600 mm<br>double<br>CWT :<br>10 600 kg  | -1.5 m kg                                  | *11 050     | *11 050      | *15 490     | *15 490      | *29 000     | 26 830       | *21 720     | 16 960       | *17 040     | 12 270       | 13 240      | 9 510        |             |              | *10 290     | 8 360        | 9.9  |
|                                                                                           | -3 m kg                                    | *18 070     | *18 070      | *23 710     | *23 710      | *27 730     | 27 010       | *20 990     | 16 990       | *16 520     | 12 270       | *13 050     | 9 590        |             |              | *12 420     | 9 380        | 9.2  |
|                                                                                           | -4.5 m kg                                  | *26 200     | *26 200      | *33 600     | *33 600      | *24 610     | *24 610      | *18 880     | 17 260       | *14 540     | 12 520       |             |              |             |              | *12 890     | 11 400       | 8.1  |
|                                                                                           | -6 m kg                                    |             |              | *25 100     | *25 100      | *18 960     | *18 960      | *14 060     | *14 060      |             |              |             |              |             |              | *12 560     | *12 560      | 6.4  |

Notes: 1. Machine in "Fine Mode-F" (Power Boost) for lifting capacities. 2. The above loads are in compliance with SAE J1097 and ISO 10567 Hydraulic Excavator Lifting Capacity Standards. 3. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. 4. Rated loads marked with an asterisk (\*) are limited by hydraulic capacity rather than tipping load.

# Specifications

## LIFTING CAPACITY EC550EL Wide retractable undercarriage

Lifting capacity at the arm end without bucket.

For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick coupler from the following values.

|                                                                                        | Lifting hook<br>related to<br>ground level | 1.5 m       |              | 3.0 m       |              | 4.5 m       |              | 6.0 m       |              | 7.5 m       |              | 9.0 m       |              | 10.5 m      |              | Max. reach  |              | m    |
|----------------------------------------------------------------------------------------|--------------------------------------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|------|
|                                                                                        |                                            | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC |      |
| Boom :<br>XD7.0<br>Arm :<br>2.55 m<br>Shoe :<br>600 mm<br>Triple<br>CWT :<br>10 600 kg | 7.5 m kg                                   |             |              |             |              |             |              |             |              | *13 050     | *13 050      |             |              |             |              | *12 630     | *12 630      | 8.0  |
|                                                                                        | 6 m kg                                     |             |              |             |              |             |              |             |              | *13 580     | *13 580      |             |              |             |              | *12 280     | 10 840       | 8.8  |
|                                                                                        | 4.5 m kg                                   |             |              |             |              |             |              | *17 730     | *17 730      | *14 690     | 13 630       | *13 180     | 10 290       |             |              | *12 350     | 9 810        | 9.3  |
|                                                                                        | 3 m kg                                     |             |              |             |              |             |              | *20 060     | 18 130       | *15 930     | 13 150       | *13 700     | 10 070       |             |              | 12 780      | 9 310        | 9.5  |
|                                                                                        | 1.5 m kg                                   |             |              |             |              |             |              | *21 560     | 17 520       | *16 880     | 12 770       | 13 640      | 9 880        |             |              | 12 710      | 9 230        | 9.4  |
|                                                                                        | 0 m kg                                     |             |              |             |              | *16 090     | *16 090      | *21 950     | 17 260       | *17 280     | 12 560       | 13 540      | 9 790        |             |              | 13 200      | 9 560        | 9.2  |
|                                                                                        | -1.5 m kg                                  |             |              |             |              | *27 330     | *27 330      | *21 290     | 17 260       | *16 850     | 12 540       |             |              |             |              | *14 040     | 10 440       | 8.6  |
|                                                                                        | -3 m kg                                    |             |              | *30 240     | *30 240      | *24 560     | *24 560      | *19 380     | 17 500       | *14 930     | 12 780       |             |              |             |              | *14 100     | 12 290       | 7.7  |
|                                                                                        | -4.5 m kg                                  |             |              | *24 040     | *24 040      | *19 650     | *19 650      | *15 010     | *15 010      |             |              |             |              |             |              | *13 450     | *13 450      | 6.4  |
| Boom :<br>XD7.0<br>Arm :<br>3.0 m<br>Shoe :<br>600 mm<br>Triple<br>CWT :<br>10 600 kg  | 7.5 m kg                                   |             |              |             |              |             |              |             |              | *12 800     | *12 800      | *12 110     | 10 480       |             |              | *10 710     | *10 710      | 8.4  |
|                                                                                        | 6 m kg                                     |             |              |             |              |             |              |             |              | *12 800     | *12 800      | *12 110     | 10 480       |             |              | *10 510     | 10 100       | 9.2  |
|                                                                                        | 4.5 m kg                                   |             |              |             |              | *22 650     | *22 650      | *16 730     | *16 730      | *13 990     | 13 650       | *12 540     | 10 280       |             |              | *10 630     | 9 180        | 9.6  |
|                                                                                        | 3 m kg                                     |             |              |             |              |             |              | *19 190     | 18 180       | *15 320     | 13 120       | *13 200     | 10 020       |             |              | *11 050     | 8 720        | 9.8  |
|                                                                                        | 1.5 m kg                                   |             |              |             |              |             |              | *20 960     | 17 450       | *16 420     | 12 680       | 13 540      | 9 780        |             |              | *11 830     | 8 630        | 9.8  |
|                                                                                        | 0 m kg                                     |             |              |             |              | *19 930     | *19 930      | *21 690     | 17 080       | *17 010     | 12 410       | 13 390      | 9 630        |             |              | 12 310      | 8 890        | 9.5  |
|                                                                                        | -1.5 m kg                                  |             |              | *15 900     | *15 900      | *28 040     | 27 010       | *21 370     | 17 010       | *16 860     | 12 330       | 13 410      | 9 650        |             |              | 13 360      | 9 620        | 9.0  |
|                                                                                        | -3 m kg                                    |             |              | *28 620     | *28 620      | *25 610     | *25 610      | *19 900     | 17 180       | *15 580     | 12 480       |             |              |             |              | *13 650     | 11 130       | 8.2  |
|                                                                                        | -4.5 m kg                                  |             |              | *27 300     | *27 300      | *21 380     | *21 380      | *16 560     | *16 560      |             |              |             |              |             |              | *13 480     | *13 480      | 6.9  |
| Boom :<br>XD7.0<br>Arm :<br>3.35 m<br>Shoe :<br>600 mm<br>Triple<br>CWT :<br>10 600 kg | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *9 380      | *9 380       | 8.8  |
|                                                                                        | 6 m kg                                     |             |              |             |              |             |              |             |              |             |              | *11 580     | 10 570       |             |              | *9 200      | *9 200       | 9.5  |
|                                                                                        | 4.5 m kg                                   |             |              |             |              |             |              | *16 030     | *16 030      | *13 510     | *13 510      | *12 140     | 10 330       |             |              | *9 300      | 8 720        | 10.0 |
|                                                                                        | 3 m kg                                     |             |              |             |              | *22 840     | *22 840      | *18 590     | 18 350       | *14 920     | 13 190       | *12 880     | 10 040       |             |              | *9 640      | 8 300        | 10.2 |
|                                                                                        | 1.5 m kg                                   |             |              |             |              | *16 400     | *16 400      | *20 570     | 17 550       | *16 130     | 12 720       | 13 540      | 9 780        |             |              | *10 290     | 8 210        | 10.1 |
|                                                                                        | 0 m kg                                     |             |              |             |              | *20 950     | *20 950      | *21 550     | 17 100       | *16 870     | 12 400       | 13 350      | 9 600        |             |              | *11 340     | 8 430        | 9.9  |
|                                                                                        | -1.5 m kg                                  |             |              | *15 690     | *15 690      | *28 580     | 26 890       | *21 500     | 16 960       | *16 920     | 12 280       | 13 310      | 9 560        |             |              | 12 580      | 9 060        | 9.4  |
|                                                                                        | -3 m kg                                    | *20 280     | *20 280      | *26 300     | *26 300      | *26 460     | *26 460      | *20 330     | 17 080       | *15 980     | 12 360       |             |              |             |              | *13 190     | 10 350       | 8.6  |
|                                                                                        | -4.5 m kg                                  |             |              | *29 820     | *29 820      | *22 690     | *22 690      | *17 550     | 17 460       |             |              |             |              |             |              | *13 220     | 13 030       | 7.4  |
|                                                                                        | -6 m kg                                    |             |              |             |              | *15 630     | *15 630      |             |              |             |              |             |              |             |              | *12 100     | *12 100      | 5.6  |

Notes: 1. Machine in "Fine Mode-F" (Power Boost) for lifting capacities. 2. The above loads are in compliance with SAE J1097 and ISO 10567 Hydraulic Excavator Lifting Capacity Standards. 3. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. 4. Rated loads marked with an asterisk (\*) are limited by hydraulic capacity rather than tipping load.

# LIFTING CAPACITY EC550EL Fixed undercarriage

Lifting capacity at the arm end without bucket.

For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick coupler from the following values.

|                                                                                                      | Lifting hook<br>related to<br>ground level | 1.5 m       |              | 3.0 m       |              | 4.5 m       |              | 6.0 m       |              | 7.5 m       |              | 9.0 m       |              | 10.5 m      |              | Max. reach  |              | m   |
|------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-----|
|                                                                                                      |                                            | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC |     |
| Model :<br>EC550E<br>Boom :<br>ME 6.5 m<br>Arm :<br>2.55 m<br>Shoe :<br>600 mm<br>CWT :<br>10 600 kg | 9.0 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *13 710     | *13 710      | 6.1 |
|                                                                                                      | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *12 460     | 11 740       | 7.4 |
|                                                                                                      | 6 m kg                                     |             |              |             |              |             |              | *15 460     | *15 460      | *14 090     | 11 350       |             |              |             |              | *12 040     | 9 700        | 8.2 |
|                                                                                                      | 4.5 m kg                                   |             |              |             |              | *23 390     | *23 390      | *17 640     | 15 370       | *15 010     | 11 000       |             |              |             |              | *12 100     | 8 650        | 8.7 |
|                                                                                                      | 3 m kg                                     |             |              |             |              |             |              | *19 980     | 14 540       | *16 180     | 10 590       |             |              |             |              | *12 560     | 8 140        | 9.0 |
|                                                                                                      | 1.5 m kg                                   |             |              |             |              | *18 660     | *18 660      | *21 670     | 13 950       | 16 860      | 10 250       |             |              |             |              | 13 010      | 8 040        | 8.9 |
|                                                                                                      | 0 m kg                                     |             |              |             |              | *28 330     | 20 870       | *22 260     | 13 660       | 16 640      | 10 060       |             |              |             |              | 13 590      | 8 360        | 8.6 |
|                                                                                                      | -1.5 m kg                                  |             |              | *21 630     | *21 630      | *28 310     | 21 000       | *21 610     | 13 650       | 16 650      | 10 070       |             |              |             |              | 15 100      | 9 230        | 8.0 |
|                                                                                                      | -3 m kg                                    |             |              | *32 180     | *32 180      | *25 040     | 21 390       | *19 280     | 13 900       |             |              |             |              |             |              | *15 320     | 11 160       | 7.1 |
| Model :<br>EC550E<br>Boom :<br>ME 6.5 m<br>Arm :<br>3.0 m<br>Shoe :<br>600 mm<br>CWT :<br>10 600 kg  | 9.0 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *11 410     | *11 410      | 6.6 |
|                                                                                                      | 7.5 m kg                                   |             |              |             |              |             |              |             |              | *12 870     | 11 600       |             |              |             |              | *10 570     | *10 570      | 7.8 |
|                                                                                                      | 6 m kg                                     |             |              |             |              |             |              |             |              | *13 210     | 11 420       |             |              |             |              | *10 290     | 9 000        | 8.6 |
|                                                                                                      | 4.5 m kg                                   |             |              |             |              | *21 510     | *21 510      | *16 610     | 15 480       | *14 260     | 11 020       | *11 970     | 8 230        |             |              | *10 400     | 8 060        | 9.1 |
|                                                                                                      | 3 m kg                                     |             |              |             |              | *26 640     | 22 060       | *19 080     | 14 580       | *15 540     | 10 560       | 12 970      | 8 030        |             |              | *10 850     | 7 600        | 9.3 |
|                                                                                                      | 1.5 m kg                                   |             |              |             |              | *25 960     | 20 940       | *21 030     | 13 890       | *16 660     | 10 170       | 12 750      | 7 840        |             |              | *11 670     | 7 490        | 9.3 |
|                                                                                                      | 0 m kg                                     |             |              |             |              | *30 000     | 20 590       | *21 960     | 13 510       | 16 500      | 9 920        | 12 650      | 7 740        |             |              | 12 630      | 7 740        | 9.0 |
|                                                                                                      | -1.5 m kg                                  |             |              | *21 810     | *21 810      | *28 870     | 20 640       | *21 720     | 13 410       | 16 440      | 9 860        |             |              |             |              | 13 870      | 8 450        | 8.4 |
|                                                                                                      | -3 m kg                                    |             |              | *35 110     | *35 110      | *26 170     | 20 960       | *19 990     | 13 590       | *15 060     | 10 070       |             |              |             |              | *14 890     | 10 000       | 7.5 |
| Model :<br>EC550E<br>Boom :<br>HD 7.0 m<br>Arm :<br>2.55 m<br>Shoe :<br>600 mm<br>CWT :<br>10 600 kg | -4.5 m kg                                  |             |              |             |              | *20 920     | *20 920      | *15 290     | 14 170       |             |              |             |              |             |              | *14 610     | 13 700       | 6.2 |
|                                                                                                      | 7.5 m kg                                   |             |              |             |              |             |              |             |              | *13 100     | 11 540       |             |              |             |              | *12 630     | 10 270       | 8.0 |
|                                                                                                      | 6 m kg                                     |             |              |             |              |             |              |             |              | *13 640     | 11 300       |             |              |             |              | *12 280     | 8 690        | 8.8 |
|                                                                                                      | 4.5 m kg                                   |             |              |             |              |             |              | *17 810     | 15 060       | *14 760     | 10 880       | 13 150      | 8 230        |             |              | *12 350     | 7 830        | 9.3 |
|                                                                                                      | 3 m kg                                     |             |              |             |              |             |              | *20 160     | 14 200       | *16 000     | 10 430       | 12 920      | 8 020        |             |              | 11 930      | 7 410        | 9.5 |
|                                                                                                      | 1.5 m kg                                   |             |              |             |              |             |              | *21 670     | 13 650       | 16 650      | 10 080       | 12 720      | 7 840        |             |              | 11 860      | 7 330        | 9.4 |
|                                                                                                      | 0 m kg                                     |             |              |             |              | *16 090     | *16 090      | *22 070     | 13 410       | 16 430      | 9 890        | 12 630      | 7 760        |             |              | 12 320      | 7 580        | 9.2 |
|                                                                                                      | -1.5 m kg                                  |             |              |             |              | *27 490     | 20 750       | *21 410     | 13 420       | 16 410      | 9 870        |             |              |             |              | 13 490      | 8 270        | 8.6 |
|                                                                                                      | -3 m kg                                    |             |              | *30 460     | *30 460      | *24 710     | 21 100       | *19 500     | 13 640       | *15 020     | 10 090       |             |              |             |              | *14 180     | 9 730        | 7.7 |
| Model :<br>EC550E<br>Boom :<br>HD 7.0 m<br>Arm :<br>3.0 m<br>Shoe :<br>600 mm                        | -4.5 m kg                                  |             |              | *24 240     | *24 240      | *19 790     | *19 790      | *15 120     | 14 190       |             |              |             |              |             |              | *13 550     | 13 070       | 6.4 |
|                                                                                                      | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *10 710     | 9 460        | 8.4 |
|                                                                                                      | 6 m kg                                     |             |              |             |              |             |              |             |              | *12 850     | 11 350       | *12 170     | 8 390        |             |              | *10 510     | 8 080        | 9.2 |
|                                                                                                      | 4.5 m kg                                   |             |              |             |              | *22 740     | *22 740      | *16 800     | 15 170       | *14 050     | 10 880       | *12 600     | 8 200        |             |              | *10 630     | 7 310        | 9.6 |
|                                                                                                      | 3 m kg                                     |             |              |             |              |             |              | *19 280     | 14 230       | *15 390     | 10 390       | 12 870      | 7 950        |             |              | *11 050     | 6 920        | 9.8 |
|                                                                                                      | 1.5 m kg                                   |             |              |             |              |             |              | *21 070     | 13 570       | *16 510     | 9 990        | 12 620      | 7 730        |             |              | 11 100      | 6 830        | 9.8 |
| Model :<br>EC550E<br>Boom :<br>HD 7.0 m<br>Arm :<br>3.0 m<br>Shoe :<br>600 mm                        | 0 m kg                                     |             |              |             |              | *19 930     | *19 930      | *21 810     | 13 230       | 16 280      | 9 740        | 12 470      | 7 600        |             |              | 11 480      | 7 020        | 9.5 |

# Specifications

## LIFTING CAPACITY EC550EL Fixed undercarriage

Lifting capacity at the arm end without bucket.

For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick coupler from the following values.

|                                                                                                      | Lifting hook<br>related to<br>ground level | 1.5 m       |              | 3.0 m       |              | 4.5 m       |              | 6.0 m       |              | 7.5 m       |              | 9.0 m       |              | 10.5 m      |              | Max. reach  |              | m    |
|------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|------|
|                                                                                                      |                                            | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC |      |
| Model :<br>EC550E<br>Boom :<br>ME 6.5 m<br>Arm :<br>2.55 m<br>Shoe :<br>750 mm<br>CWT :<br>10 600 kg | 9.0 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *13 710     | *13 710      | 6.1  |
|                                                                                                      | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *12 460     | 11 890       | 7.4  |
|                                                                                                      | 6 m kg                                     |             |              |             |              |             |              | *15 460     | *15 460      | *14 090     | 11 500       |             |              |             |              | *12 040     | 9 830        | 8.2  |
|                                                                                                      | 4.5 m kg                                   |             |              |             |              | *23 390     | *23 390      | *17 640     | 15 560       | *15 010     | 11 150       |             |              |             |              | *12 100     | 8 770        | 8.7  |
|                                                                                                      | 3 m kg                                     |             |              |             |              |             |              | *19 980     | 14 740       | *16 180     | 10 740       |             |              |             |              | *12 560     | 8 260        | 9.0  |
|                                                                                                      | 1.5 m kg                                   |             |              |             |              | *18 660     | *18 660      | *21 670     | 14 140       | 17 110      | 10 400       |             |              |             |              | 13 210      | 8 160        | 8.9  |
|                                                                                                      | 0 m kg                                     |             |              |             |              | *28 330     | 21 160       | *22 260     | 13 860       | 16 890      | 10 210       |             |              |             |              | 13 790      | 8 480        | 8.6  |
|                                                                                                      | -1.5 m kg                                  |             |              | *21 630     | *21 630      | *28 310     | 21 290       | *21 610     | 13 840       | *16 880     | 10 220       |             |              |             |              | *15 260     | 9 360        | 8.0  |
|                                                                                                      | -3 m kg                                    |             |              | *32 180     | *32 180      | *25 040     | 21 680       | *19 280     | 14 100       |             |              |             |              |             |              | *15 320     | 11 310       | 7.1  |
|                                                                                                      | -4.5 m kg                                  |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |      |
| Model :<br>EC550E<br>Boom :<br>ME 6.5 m<br>Arm :<br>3.0 m<br>Shoe :<br>750 mm<br>CWT :<br>10 600 kg  | 9.0 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *11 410     | *11 410      | 6.6  |
|                                                                                                      | 7.5 m kg                                   |             |              |             |              |             |              |             |              | *12 870     | 11 740       |             |              |             |              | *10 570     | *10 570      | 7.8  |
|                                                                                                      | 6 m kg                                     |             |              |             |              |             |              |             |              | *13 210     | 11 560       |             |              |             |              | *10 290     | 9 120        | 8.6  |
|                                                                                                      | 4.5 m kg                                   |             |              |             |              | *21 510     | *21 510      | *16 610     | 15 670       | *14 260     | 11 160       | *11 970     | 8 350        |             |              | *10 400     | 8 180        | 9.1  |
|                                                                                                      | 3 m kg                                     |             |              |             |              | *26 640     | 22 340       | *19 080     | 14 780       | *15 540     | 10 710       | 13 160      | 8 150        |             |              | *10 850     | 7 710        | 9.3  |
|                                                                                                      | 1.5 m kg                                   |             |              |             |              | *25 960     | 21 220       | *21 030     | 14 080       | *16 660     | 10 310       | 12 940      | 7 960        |             |              | *11 670     | 7 600        | 9.3  |
|                                                                                                      | 0 m kg                                     |             |              |             |              | *30 000     | 20 880       | *21 960     | 13 700       | 16 750      | 10 060       | 12 840      | 7 860        |             |              | 12 830      | 7 850        | 9.0  |
|                                                                                                      | -1.5 m kg                                  |             |              | *21 810     | *21 810      | *28 870     | 20 920       | *21 720     | 13 610       | 16 680      | 10 000       |             |              |             |              | 14 080      | 8 580        | 8.4  |
|                                                                                                      | -3 m kg                                    |             |              | *35 110     | *35 110      | *26 170     | 21 250       | *19 990     | 13 780       | *15 060     | 10 220       |             |              |             |              | *14 890     | 10 140       | 7.5  |
|                                                                                                      | -4.5 m kg                                  |             |              |             |              | *20 920     | *20 920      | *15 290     | 14 360       |             |              |             |              |             |              | *14 610     | 13 890       | 6.2  |
| Model :<br>EC550E<br>Boom :<br>HD 7.0 m<br>Arm :<br>2.55 m<br>Shoe :<br>750 mm<br>CWT :<br>10 600 kg | 7.5 m kg                                   |             |              |             |              |             |              |             |              | *13 100     | 11 690       |             |              |             |              | *12 630     | 10 410       | 8.0  |
|                                                                                                      | 6 m kg                                     |             |              |             |              |             |              |             |              | *13 640     | 11 440       |             |              |             |              | *12 280     | 8 810        | 8.8  |
|                                                                                                      | 4.5 m kg                                   |             |              |             |              |             |              | *17 810     | 15 250       | *14 760     | 11 020       | *13 250     | 8 340        |             |              | *12 350     | 7 940        | 9.3  |
|                                                                                                      | 3 m kg                                     |             |              |             |              |             |              | *20 160     | 14 400       | *16 000     | 10 580       | 13 110      | 8 140        |             |              | 12 110      | 7 520        | 9.5  |
|                                                                                                      | 1.5 m kg                                   |             |              |             |              |             |              | *21 670     | 13 840       | 16 890      | 10 230       | 12 910      | 7 960        |             |              | 12 040      | 7 440        | 9.4  |
|                                                                                                      | 0 m kg                                     |             |              |             |              | *16 090     | *16 090      | *22 070     | 13 600       | 16 670      | 10 030       | 12 820      | 7 880        |             |              | 12 500      | 7 690        | 9.2  |
|                                                                                                      | -1.5 m kg                                  |             |              |             |              | *27 490     | 21 040       | *21 410     | 13 610       | 16 650      | 10 010       |             |              |             |              | 13 690      | 8 390        | 8.6  |
|                                                                                                      | -3 m kg                                    |             |              | *30 460     | *30 460      | *24 710     | 21 390       | *19 500     | 13 830       | *15 020     | 10 240       |             |              |             |              | *14 180     | 9 860        | 7.7  |
|                                                                                                      | -4.5 m kg                                  |             |              | *24 240     | *24 240      | *19 790     | *19 790      | *15 120     | 14 390       |             |              |             |              |             |              | *13 550     | 13 250       | 6.4  |
|                                                                                                      | -6 m kg                                    |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |      |
| Model :<br>EC550E<br>Boom :<br>HD 7.0 m<br>Arm :<br>3.0 m<br>Shoe :<br>750 mm<br>CWT :<br>10 600 kg  | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *10 710     | 9 580        | 8.4  |
|                                                                                                      | 6 m kg                                     |             |              |             |              |             |              |             |              | *12 850     | 11 490       | *12 170     | 8 510        |             |              | *10 510     | 8 190        | 9.2  |
|                                                                                                      | 4.5 m kg                                   |             |              |             |              | *22 740     | *22 740      | *16 800     | 15 360       | *14 050     | 11 030       | *12 600     | 8 320        |             |              | *10 630     | 7 420        | 9.6  |
|                                                                                                      | 3 m kg                                     |             |              |             |              |             |              | *19 280     | 14 420       | *15 390     | 10 540       | 13 060      | 8 070        |             |              | *11 050     | 7 020        | 9.8  |
|                                                                                                      | 1.5 m kg                                   |             |              |             |              |             |              | *21 070     | 13 760       | *16 510     | 10 130       | 12 810      | 7 850        |             |              | 11 280      | 6 930        | 9.8  |
|                                                                                                      | 0 m kg                                     |             |              |             |              | *19 930     | *19 930      | *21 810     | 13 430       | 16 530      | 9 880        | 12 660      | 7 710        |             |              | 11 660      | 7 130        | 9.5  |
|                                                                                                      | -1.5 m kg                                  |             |              | *15 900     | *15 900      | *28 200     | 20 620       | *21 490     | 13 360       | 16 440      | 9 810        | 12 690      | 7 730        |             |              | 12 650      | 7 710        | 9.0  |
|                                                                                                      | -3 m kg                                    |             |              | *28 620     | *28 620      | *25 770     | 20 930       | *20 020     | 13 520       | *15 680     | 9 940        |             |              |             |              | *13 730     | 8 910        | 8.2  |
|                                                                                                      | -4.5 m kg                                  |             |              | *27 510     | *27 510      | *21 530     | 21 520       | *16 670     | 13 960       |             |              |             |              |             |              | *13 570     | 11 530       | 6.9  |
|                                                                                                      | -6 m kg                                    |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |      |
| Model :<br>EC550E<br>Boom :<br>HD 7.0 m<br>Arm :<br>3.35 m<br>Shoe :<br>750 mm<br>CWT :<br>10 600 kg | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *9 400      | 9 010        | 8.8  |
|                                                                                                      | 6 m kg                                     |             |              |             |              |             |              |             |              |             |              | *11 710     | 8 640        |             |              | *9 230      | 7 790        | 9.5  |
|                                                                                                      | 4.5 m kg                                   |             |              |             |              |             |              | *16 180     | 15 610       | *13 650     | 11 180       | *12 270     | 8 430        |             |              | *9 320      | 7 100        | 10.0 |
|                                                                                                      | 3 m kg                                     |             |              |             |              | *22 850     | 22 010       | *18 780     | 14 660       | *15 070     | 10 670       | *13 020     | 8 160        |             |              | *9 670      | 6 740        | 10.2 |
|                                                                                                      | 1.5 m kg                                   |             |              |             |              | *16 420     | *16 420      | *20 780     | 13 940       | *16 310     | 10 240       | 12 880      | 7 910        |             |              | *10 320     | 6 640        | 10.1 |
|                                                                                                      | 0 m kg                                     |             |              |             |              | *20 970     | 20 620       | *21 780     | 13 540       | 16 600      | 9 950        | 12 700      | 7 750        |             |              | 11 110      | 6 820        | 9.9  |
|                                                                                                      | -1.5 m kg                                  |             |              | *15 720     | *15 720      | *28 880     | 20 650       | *21 730     | 13 410       | 16 470      | 9 840        | 12 660      | 7 710        |             |              | 11 970      | 7 320        | 9.4  |
|                                                                                                      | -3 m kg                                    | *20 300     | *20 300      | *26 320     | *26 320      | *26 750     | 20 900       | *20 560     | 13 510       | *16 160     | 9 910        |             |              |             |              | *13 360     | 8 350        | 8.6  |
|                                                                                                      | -4.5 m kg                                  |             |              | *30 200     | *30 200      | *22 960     | 21 410       | *17 760     | 13 860       |             |              |             |              |             |              | *13 390     | 10 490       | 7.4  |
|                                                                                                      | -6 m kg                                    |             |              |             |              | *15 870     | *15 870      |             |              |             |              |             |              |             |              | *12 290     | *12 290      | 5.6  |
| Model :<br>EC550E<br>Boom :<br>HD 7.0 m<br>Arm :<br>3.9 m<br>Shoe :<br>750 mm<br>CWT :<br>10 600 kg  | 9.0 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *7 930      | *7 930       | 8.4  |
|                                                                                                      | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              | *9 860      | 8 870        |             |              | *7 530      | *7 530       | 9.4  |
|                                                                                                      | 6 m kg                                     |             |              |             |              |             |              |             |              |             |              | *10 910     | 8 740        |             |              | *7 410      | 7 160        | 10.1 |
|                                                                                                      | 4.5 m kg                                   |             |              |             |              |             |              |             |              | *12 820     | 11 300       | *11 590     | 8 490        |             |              | *7 490      | 6 550        | 10.5 |
|                                                                                                      | 3 m kg                                     |             |              |             |              | *24 690     | 22 590       | *17 710     | 14 870       | *14 350     | 10 750       | *12 450     | 8 180        | *9 520      | 6 400        | *7 750      | 6 230        | 10.7 |
|                                                                                                      | 1.5 m kg                                   |             |              |             |              | *21 740     | 21 140       | *20 000     | 14 040       | *15 740     | 10 260       | 12 880      | 7 900        | *9 960      | 6 270        | *8 250      | 6 140        | 10.6 |
|                                                                                                      | 0 m kg                                     |             |              |             |              | *22 680     | 20 550       | *21 370     | 13 520       | 16 580      | 9 910        | 12 640      | 7 680        |             |              | *9 030      | 6 270        | 10.4 |
|                                                                                                      | -1.5 m kg                                  | *11 000     | *11 000      | *15 430     | *15 430      | *28 930     | 20 430       | *21 720     | 13 300       | 16 370      | 9 730        | 12 530      | 7 580        |             |              | *10 270     | 6 670        | 9.9  |
|                                                                                                      | -3 m kg                                    | *18 010     | *18 010      | *23 640     | *23 640      | *27 750     | 20 590       | *21 000     | 13 320       | 16 370      | 9 740        | 12 610      | 7 650        |             |              | 12 300      | 7 490        | 9.2  |
|                                                                                                      | -4.5 m kg                                  | *26 130     | *26 130      | *33 650     | *33 650      | *24 650     | 21 010       | *18 910     | 13 570       | *14 560     | 9 970        |             |              |             |              | *12 890     | 9 100        | 8.1  |
|                                                                                                      | -6 m kg                                    |             |              | *25 190     | *25 190      | *19 020     | *19 020      | *14 120     | *14 120      |             |              |             |              |             |              | *12 560     | *12 560      | 6.4  |

Notes: 1. Machine in "Fine Mode-F" (Power Boost) for lifting capacities. 2. The above loads are in compliance with SAE J1097 and ISO 10567 Hydraulic Excavator Lifting Capacity Standards. 3. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. 4. Rated loads marked with an asterisk (\*) are limited by hydraulic capacity rather than tipping load.

# **LIFTING CAPACITY EC550EL Fixed undercarriage**

Lifting capacity at the arm end without bucket.

For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick coupler from the following values.

|                                                                                                      | Lifting hook<br>related to<br>ground level | 1.5 m       |              | 3.0 m       |              | 4.5 m       |              | 6.0 m       |              | 7.5 m       |              | 9.0 m       |              | 10.5 m      |              | Max. reach  |              | m    |
|------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|------|
|                                                                                                      |                                            | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC |      |
| Model :<br>EC550E<br>Boom :<br>ME 6.5 m<br>Arm :<br>2.55 m<br>Shoe :<br>900 mm<br>CWT :<br>10 600 kg | 9.0 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *13 710     | *13 710      | 6.1  |
|                                                                                                      | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *12 460     | 12 040       | 7.4  |
|                                                                                                      | 6 m kg                                     |             |              |             |              |             |              | *15 460     | *15 460      | *14 090     | 11 640       |             |              |             |              | *12 040     | 9 960        | 8.2  |
|                                                                                                      | 4.5 m kg                                   |             |              |             |              | *23 390     | *23 390      | *17 640     | 15 750       | *15 010     | 11 290       |             |              |             |              | *12 100     | 8 890        | 8.7  |
|                                                                                                      | 3 m kg                                     |             |              |             |              |             |              | *19 980     | 14 930       | *16 180     | 10 880       |             |              |             |              | *12 560     | 8 370        | 9.0  |
|                                                                                                      | 1.5 m kg                                   |             |              |             |              | *18 660     | *18 660      | *21 670     | 14 330       | *17 140     | 10 540       |             |              |             |              | 13 400      | 8 280        | 8.9  |
|                                                                                                      | 0 m kg                                     |             |              |             |              | *28 330     | 21 440       | *22 260     | 14 050       | 17 130      | 10 350       |             |              |             |              | 14 000      | 8 600        | 8.6  |
|                                                                                                      | -1.5 m kg                                  |             |              | *21 630     | *21 630      | *28 310     | 21 580       | *21 610     | 14 030       | *16 880     | 10 360       |             |              |             |              | *15 260     | 9 490        | 8.0  |
|                                                                                                      | -3 m kg                                    |             |              | *32 180     | *32 180      | *25 040     | 21 970       | *19 280     | 14 290       |             |              |             |              |             |              | *15 320     | 11 460       | 7.1  |
|                                                                                                      | -4.5 m kg                                  |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |      |
| Model :<br>EC550E<br>Boom :<br>ME 6.5 m<br>Arm :<br>3.0 m<br>Shoe :<br>900 mm<br>CWT :<br>10 600 kg  | 9.0 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *11 410     | *11 410      | 6.6  |
|                                                                                                      | 7.5 m kg                                   |             |              |             |              |             |              |             |              | *12 870     | 11 890       |             |              |             |              | *10 570     | *10 570      | 7.8  |
|                                                                                                      | 6 m kg                                     |             |              |             |              |             |              |             |              | *13 210     | 11 710       |             |              |             |              | *10 290     | 9 250        | 8.6  |
|                                                                                                      | 4.5 m kg                                   |             |              |             |              | *21 510     | *21 510      | *16 610     | 15 860       | *14 260     | 11 310       | *11 970     | 8 460        |             |              | *10 400     | 8 290        | 9.1  |
|                                                                                                      | 3 m kg                                     |             |              |             |              | *26 640     | 22 630       | *19 080     | 14 970       | *15 540     | 10 850       | 13 350      | 8 260        |             |              | *10 850     | 7 820        | 9.3  |
|                                                                                                      | 1.5 m kg                                   |             |              |             |              | *25 960     | 21 510       | *21 030     | 14 270       | *16 660     | 10 450       | 13 140      | 8 070        |             |              | *11 670     | 7 710        | 9.3  |
|                                                                                                      | 0 m kg                                     |             |              |             |              | *30 000     | 21 170       | *21 960     | 13 890       | 16 990      | 10 210       | 13 030      | 7 970        |             |              | 13 020      | 7 970        | 9.0  |
|                                                                                                      | -1.5 m kg                                  |             |              | *21 810     | *21 810      | *28 870     | 21 210       | *21 720     | 13 800       | 16 920      | 10 150       |             |              |             |              | 14 290      | 8 700        | 8.4  |
|                                                                                                      | -3 m kg                                    |             |              | *35 110     | *35 110      | *26 170     | 21 530       | *19 990     | 13 970       | *15 060     | 10 360       |             |              |             |              | *14 890     | 10 280       | 7.5  |
|                                                                                                      | -4.5 m kg                                  |             |              |             |              | *20 920     | *20 920      | *15 290     | 14 550       |             |              |             |              |             |              | *14 610     | 14 070       | 6.2  |
| Model :<br>EC550E<br>Boom :<br>HD 7.0 m<br>Arm :<br>2.55 m<br>Shoe :<br>900 mm<br>CWT :<br>10 600 kg | 7.5 m kg                                   |             |              |             |              |             |              |             |              | *13 100     | 11 830       |             |              |             |              | *12 630     | 10 540       | 8.0  |
|                                                                                                      | 6 m kg                                     |             |              |             |              |             |              |             |              | *13 640     | 11 590       |             |              |             |              | *12 280     | 8 930        | 8.8  |
|                                                                                                      | 4.5 m kg                                   |             |              |             |              |             |              | *17 810     | 15 440       | *14 760     | 11 160       | *13 250     | 8 460        |             |              | *12 350     | 8 060        | 9.3  |
|                                                                                                      | 3 m kg                                     |             |              |             |              |             |              | *20 160     | 14 590       | *16 000     | 10 720       | 13 300      | 8 250        |             |              | 12 290      | 7 630        | 9.5  |
|                                                                                                      | 1.5 m kg                                   |             |              |             |              |             |              | *21 670     | 14 030       | *16 970     | 10 370       | 13 110      | 8 070        |             |              | 12 220      | 7 550        | 9.4  |
|                                                                                                      | 0 m kg                                     |             |              |             |              | *16 090     | *16 090      | *22 070     | 13 800       | 16 920      | 10 170       | 13 010      | 7 990        |             |              | 12 690      | 7 810        | 9.2  |
|                                                                                                      | -1.5 m kg                                  |             |              |             |              | *27 490     | 21 330       | *21 410     | 13 800       | 16 900      | 10 160       |             |              |             |              | 13 890      | 8 510        | 8.6  |
|                                                                                                      | -3 m kg                                    |             |              | *30 460     | *30 460      | *24 710     | 21 670       | *19 500     | 14 020       | *15 020     | 10 380       |             |              |             |              | *14 180     | 10 000       | 7.7  |
|                                                                                                      | -4.5 m kg                                  |             |              | *24 240     | *24 240      | *19 790     | *19 790      | *15 120     | 14 580       |             |              |             |              |             |              | *13 550     | 13 430       | 6.4  |
|                                                                                                      | -6 m kg                                    |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *10 710     | 9 700        | 8.4  |
| Model :<br>EC550E<br>Boom :<br>HD 7.0 m<br>Arm :<br>3.0 m<br>Shoe :<br>900 mm<br>CWT :<br>10 600 kg  | 7.5 m kg                                   |             |              |             |              |             |              |             |              | *12 850     | 11 630       | *12 170     | 8 620        |             |              | *10 510     | 8 300        | 9.2  |
|                                                                                                      | 6 m kg                                     |             |              |             |              |             |              |             |              | *13 640     | 11 590       |             |              |             |              | *12 280     | 8 930        | 8.8  |
|                                                                                                      | 4.5 m kg                                   |             |              |             |              | *22 740     | *22 740      | *16 800     | 15 550       | *14 050     | 11 170       | *12 600     | 8 430        |             |              | *10 630     | 7 520        | 9.6  |
|                                                                                                      | 3 m kg                                     |             |              |             |              |             |              | *19 280     | 14 620       | *15 390     | 10 680       | 13 250      | 8 180        |             |              | *11 050     | 7 130        | 9.8  |
|                                                                                                      | 1.5 m kg                                   |             |              |             |              |             |              | *21 070     | 13 950       | *16 510     | 10 270       | 13 000      | 7 960        |             |              | 11 450      | 7 030        | 9.8  |
|                                                                                                      | 0 m kg                                     |             |              |             |              | *19 930     | *19 930      | *21 810     | 13 620       | 16 770      | 10 020       | 12 850      | 7 830        |             |              | 11 830      | 7 240        | 9.5  |
|                                                                                                      | -1.5 m kg                                  |             |              | *15 900     | *15 900      | *28 200     | 20 910       | *21 490     | 13 550       | 16 690      | 9 950        | 12 880      | 7 850        |             |              | 12 840      | 7 830        | 9.0  |
|                                                                                                      | -3 m kg                                    |             |              | *28 620     | *28 620      | *25 770     | 21 220       | *20 020     | 13 710       | *15 680     | 10 090       |             |              |             |              | *13 730     | 9 040        | 8.2  |
|                                                                                                      | -4.5 m kg                                  |             |              | *27 510     | *27 510      | *21 530     | *21 530      | *16 670     | 14 150       |             |              |             |              |             |              | *13 570     | 11 680       | 6.9  |
|                                                                                                      | -6 m kg                                    |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *9 400      | 9 130        | 8.8  |
| Model :<br>EC550E<br>Boom :<br>HD 7.0 m<br>Arm :<br>3.35 m<br>Shoe :<br>900 mm<br>CWT :<br>10 600 kg | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *9 230      | 7 900        | 9.5  |
|                                                                                                      | 6 m kg                                     |             |              |             |              |             |              |             |              |             |              | *11 710     | 8 760        |             |              | *9 320      | 7 200        | 10.0 |
|                                                                                                      | 4.5 m kg                                   |             |              |             |              |             |              | *16 180     | 15 810       | *13 650     | 11 320       | *12 270     | 8 540        |             |              | *9 320      | 7 200        | 10.0 |
|                                                                                                      | 3 m kg                                     |             |              |             |              | *22 850     | 22 300       | *18 780     | 14 850       | *15 070     | 10 810       | *13 020     | 8 270        |             |              | *9 670      | 6 840        | 10.2 |
|                                                                                                      | 1.5 m kg                                   |             |              |             |              | *16 420     | *16 420      | *20 780     | 14 130       | *16 310     | 10 380       | 13 070      | 8 030        |             |              | *10 320     | 6 740        | 10.1 |
|                                                                                                      | 0 m kg                                     |             |              |             |              | *20 970     | 20 900       | *21 780     | 13 730       | 16 850      | 10 100       | 12 890      | 7 860        |             |              | 11 280      | 6 920        | 9.9  |
|                                                                                                      | -1.5 m kg                                  |             |              | *15 720     | *15 720      | *28 880     | 20 930       | *21 730     | 13 610       | 16 720      | 9 980        | 12 850      | 7 830        |             |              | 12 150      | 7 430        | 9.4  |
|                                                                                                      | -3 m kg                                    | *20 300     | *20 300      | *26 320     | *26 320      | *26 750     | 21 190       | *20 560     | 13 710       | *16 160     | 10 060       |             |              |             |              | *13 360     | 8 470        | 8.6  |
|                                                                                                      | -4.5 m kg                                  |             |              | *30 200     | *30 200      | *22 960     | 21 700       | *17 760     | 14 050       |             |              |             |              |             |              | *13 390     | 10 630       | 7.4  |
|                                                                                                      | -6 m kg                                    |             |              |             |              | *15 870     | *15 870      |             |              |             |              |             |              |             |              | *12 290     | *12 290      | 5.6  |
| Model :<br>EC550E<br>Boom :<br>HD 7.0 m<br>Arm :<br>3.9 m<br>Shoe :<br>900 mm<br>CWT :<br>10 600 kg  | 9.0 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              | *7 930      | *7 930       | 8.4  |
|                                                                                                      | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              | *9 860      | 8 990        |             |              | *7 530      | *7 530       | 9.4  |
|                                                                                                      | 6 m kg                                     |             |              |             |              |             |              |             |              |             |              | *10 910     | 8 860        |             |              | *7 410      | 7 260        | 10.1 |
|                                                                                                      | 4.5 m kg                                   |             |              |             |              |             |              |             |              | *12 820     | 11 450       | *11 590     | 8 600        |             |              | *7 490      | 6 650        | 10.5 |
|                                                                                                      | 3 m kg                                     |             |              |             |              | *24 690     | 22 880       | *17 710     | 15 060       | *14 350     | 10 900       | *12 450     | 8 300        | *9 520      | 6 500        | *7 750      | 6 330        | 10.7 |
|                                                                                                      | 1.5 m kg                                   |             |              |             |              | *21 740     | 21 430       | *20 000     | 14 230       | *15 740     | 10 410       | 13 070      | 8 010        | *9 960      | 6 360        | *8 250      | 6 230        | 10.6 |
|                                                                                                      | 0 m kg                                     |             |              |             |              | *22 680     | 20 840       | *21 370     | 13 710       | *16 710     | 10 060       | 12 830      | 7 800        |             |              | *9 030      | 6 360        | 10.4 |
|                                                                                                      | -1.5 m kg                                  | *11 000     | *11 000      | *15 430     | *15 430      | *28 930     | 20 710       | *21 720     | 13 490       | 16 620      | 9 880        | 12 720      | 7 700        |             |              | *10 270     | 6 770        | 9.9  |
|                                                                                                      | -3 m kg                                    | *18 010     | *18 010      | *23 640     | *23 640      | *27 750     | 20 880       | *21 000     | 13 510       | *16 520     | 9 880        | 12 800      | 7 770        |             |              | *12 390     | 7 600        | 9.2  |
|                                                                                                      | -4.5 m kg                                  | *26 130     | *26 130      | *33 650     | *33 650      | *24 650     | 21 290       | *18 910     | 13 760       | *14 560     | 10 110       |             |              |             |              | *12 890     | 9 230        | 8.1  |
|                                                                                                      | -6 m kg                                    |             |              | *25 190     | *25 190      | *19 020     | *19 020      | *14 120     | *14 120      |             |              |             |              |             |              | *12 560     | *12 560      | 6.4  |

Notes: 1. Machine in "Fine Mode-F" (Power Boost) for lifting capacities. 2. The above loads are in compliance with SAE J1097 and ISO 10567 Hydraulic Excavator Lifting Capacity Standards. 3. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. 4. Rated loads marked with an asterisk (\*) are limited by hydraulic capacity rather than tipping load.

# Specifications

## LIFTING CAPACITY EC550EL Fixed undercarriage

Lifting capacity at the arm end without bucket.

For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick coupler from the following values.

|                                                                                                                | Lifting hook<br>related to<br>ground level | 1.5 m       |              | 3.0 m       |              | 4.5 m       |              | 6.0 m       |              | 7.5 m       |              | 9.0 m       |              | 10.5 m      |              | Max. reach  |              | m       |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|-------|-----|--|---------|---------|-----|
|                                                                                                                |                                            | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC | Along<br>UC | Across<br>UC |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
| Model :<br>EC550E<br>Boom :<br>ME 6.5 m<br>Arm :<br>2.55 m<br>Shoe :<br>600 mm<br>double<br>CWT :<br>10 600 kg | 9.0 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             | *13 690      | *13 690 | 6.1     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             | *12 460      | 11 690  | 7.4     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 6 m kg                                     |             |              |             |              |             |              |             | *15 480      | *15 480     | *14 090      | 11 320      |              |             |              |             | *12 040      | 9 660   | 8.2     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 4.5 m kg                                   |             |              |             |              |             |              |             | *23 440      | *23 440     | *17 660      | 15 320      | *15 020      | 10 970      |              |             | *12 090      | 8 610   | 8.7     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 3 m kg                                     |             |              |             |              |             |              |             | *20 000      | 14 490      | *16 190      | 10 560      |              |             |              |             | *12 560      | 8 110   | 9.0     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 1.5 m kg                                   |             |              |             |              |             |              |             | *18 700      | *18 700     | *21 680      | 13 900      | 16 800       | 10 220      |              |             | 12 970       | 8 020   | 8.9     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 0 m kg                                     |             |              |             |              |             |              |             | *28 430      | 20 800      | *22 260      | 13 620      | 16 590       | 10 030      |              |             | 13 550       | 8 340   | 8.6     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | -1.5 m kg                                  |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             | 15 070       | 9 210   | 8.0     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | -3 m kg                                    |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             | *15 320      | 11 140  | 7.1     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
| Model :<br>EC550E<br>Boom :<br>ME 6.5 m<br>Arm :<br>3.0 m<br>Shoe :<br>600 mm<br>double<br>CWT :<br>10 600 kg  | 9.0 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             | *11 400      | *11 400 | 6.6     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             | *12 870      | 11 570      |              |             |              |             | *10 560      | *10 560 | 7.8     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 6 m kg                                     |             |              |             |              |             |              |             |              |             | *13 220      | 11 380      |              |             |              |             | *10 290      | 8 970   | 8.6     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 4.5 m kg                                   |             |              |             |              |             |              |             |              |             | *14 270      | 10 980      | *12 000      | 8 200       |              |             | *10 410      | 8 040   | 9.1     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 3 m kg                                     |             |              |             |              |             |              |             |              |             | *15 550      | 10 530      | 12 920       | 8 000       |              |             | *10 850      | 7 570   | 9.3     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 1.5 m kg                                   |             |              |             |              |             |              |             |              |             | *16 670      | 10 130      | 12 710       | 7 810       |              |             | *11 680      | 7 460   | 9.3     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 0 m kg                                     |             |              |             |              |             |              |             |              |             | *29 990      | 20 530      | *21 970      | 13 460      | 16 450       | 9 880       | 12 600       | 7 710   | 9.0     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | -1.5 m kg                                  |             |              |             |              |             |              |             |              |             | *21 900      | *21 900     | *28 860      | 20 570      | *21 710      | 13 370      | 16 380       | 9 830   | 8.4     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | -3 m kg                                    |             |              |             |              |             |              |             |              |             | *35 070      | *35 070     | *26 140      | 20 900      | *19 970      | 13 550      | *15 030      | 10 040  | 7.5     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
| -4.5 m kg                                                                                                      |                                            |             |              |             |              |             |              |             |              | *20 870     | *20 870      | *15 220     | 14 130       |             |              | *14 600     | 13 710       | 6.1     |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
| Model :<br>EC550E<br>Boom :<br>HD 7.0 m<br>Arm :<br>2.55 m<br>Shoe :<br>600 mm<br>double<br>CWT :<br>10 600 kg | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             | *13 100      | 11 510      |              |             |              |             | *12 610      | 10 230  | 8.0     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 6 m kg                                     |             |              |             |              |             |              |             |              |             | *13 640      | 11 260      |              |             |              |             | *12 280      | 8 650   | 8.8     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 4.5 m kg                                   |             |              |             |              |             |              |             |              |             | *17 830      | 15 010      | *14 770      | 10 840      | 13 100       | 8 200       |              | *12 340 | 7 800   | 9.3     |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 3 m kg                                     |             |              |             |              |             |              |             |              |             | *20 180      | 14 160      | *16 010      | 10 400      | 12 880       | 7 990       |              | 11 890  | 7 390   | 9.5     |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 1.5 m kg                                   |             |              |             |              |             |              |             |              |             | *21 680      | 13 600      | 16 590       | 10 050      | 12 680       | 7 820       |              | 11 820  | 7 300   | 9.4     |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 0 m kg                                     |             |              |             |              |             |              |             |              |             | *16 190      | *16 190     | *22 070      | 13 370      | 16 370       | 9 850       | 12 590       | 7 730   |         | 12 280  | 7 560   | 9.2     |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | -1.5 m kg                                  |             |              |             |              |             |              |             |              |             | *27 470      | 20 690      | *21 400      | 13 380      | 16 360       | 9 840       |              | 13 460  | 8 250   | 8.6     |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | -3 m kg                                    |             |              |             |              |             |              |             |              |             | *30 420      | *30 420     | *24 680      | 21 040      | *19 480      | 13 600      | *15 000      | 10 070  |         | *14 180 | 9 710   | 7.7     |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | -4.5 m kg                                  |             |              |             |              |             |              |             |              |             | *24 180      | *24 180     | *19 740      | *19 740     | *15 060      | 14 160      |              |         |         |         | *13 540 | 13 080  | 6.4     |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
| Model :<br>EC550E<br>Boom :<br>HD 7.0 m<br>Arm :<br>3.0 m<br>Shoe :<br>600 mm<br>double<br>CWT :<br>10 600 kg  | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             | *10 700      | 9 410   | 8.5     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 6 m kg                                     |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             | *10 500      | 8 050   | 9.2     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 4.5 m kg                                   |             |              |             |              |             |              |             |              |             |              | *12 860     | 11 310       | *12 170     | 8 360        |             |              | *10 620 | 7 280   | 9.6     |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 3 m kg                                     |             |              |             |              |             |              |             |              |             |              | *19 300     | 14 180       | *15 400     | 10 360       | 12 820      | 7 930        |         | *11 050 | 6 890   | 9.8     |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 1.5 m kg                                   |             |              |             |              |             |              |             |              |             |              | *21 080     | 13 520       | 16 510      | 9 950        | 12 580      | 7 700        |         | 11 070  | 6 800   | 9.8     |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 0 m kg                                     |             |              |             |              |             |              |             |              |             |              | *20 010     | *20 010      | *21 810     | 13 190       | 16 220      | 9 700        | 12 430  | 7 570   |         | 11 440  | 7 000   | 9.5     |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | -1.5 m kg                                  |             |              |             |              |             |              |             |              |             |              | *15 990     | *15 990      | *28 190     | 20 270       | *21 490     | 13 130       | 16 150  | 9 630   | 12 450  | 7 590   |         | 12 420  | 7 580   | 9.0     |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | -3 m kg                                    |             |              |             |              |             |              |             |              |             |              | *28 730     | *28 730      | *25 740     | 20 590       | *20 000     | 13 290       | *15 660 | 9 770   |         | *13 730 | 8 770   | 8.2     |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | -4.5 m kg                                  |             |              |             |              |             |              |             |              |             |              | *27 450     | *27 450      | *21 480     | 21 180       | *16 630     | 13 730       |         |         |         |         | *13 570 | 11 360  | 6.9     |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
| Model :<br>EC550E<br>Boom :<br>HD 7.0 m<br>Arm :<br>3.35 m<br>Shoe :<br>600 mm<br>double<br>CWT :<br>10 600 kg | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             | *9 400       | 8 860   | 8.8     |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 6 m kg                                     |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             | *11 710      | 8 500   |         |         |         |         | *9 230  | 7 650   | 9.5     |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 4.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |         |         |         |         |         | *9 330  | 6 970   | 10.0    |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 3 m kg                                     |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |         |         |         |         |         | *22 700 | 21 650  | *18 800 | 14 420  | *15 080 | 10 490  | 12 920  | 8 010   |         | *9 690 | 6 610   | 10.2    |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 1.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |         |         |         |         |         |         | *16 430 | *16 430 | *20 790 | 13 700  | *16 310 | 10 060  | 12 650  | 7 770   |        | *10 320 | 6 520   | 10.1    |         |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 0 m kg                                     |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |         |         |         |         |         |         |         | *21 030 | 20 260  | *21 790 | 13 300  | 16 300  | 9 770   | 12 460  | 7 610  |         | 10 910  | 6 690   | 9.9     |         |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | -1.5 m kg                                  |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |         |         |         |         |         |         |         | *15 800 | *15 800 | *28 870 | 20 300  | *21 730 | 13 180  | 16 170  | 9 660  | 12 420  | 7 570   |         | 11 760  | 7 190   | 9.4     |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | -3 m kg                                    |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |         |         |         |         |         |         |         | *20 370 | *20 370 | *26 410 | *26 410 | *26 730 | 20 550  | *20 540 | 13 280 | *16 150 | 9 740   |         | *13 360 | 8 210   | 8.6     |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | -4.5 m kg                                  |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |         |         |         |         |         |         |         |         | *30 140 | *30 140 | *22 920 | 21 070  | *17 730 | 13 630  |        |         |         |         | *13 390 | 10 330  | 7.4     |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
| -6 m kg                                                                                                        |                                            |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         | *15 790 | *15 790 |         |         |         |         | *12 270 | *12 270 | 5.5     |         |         |         |         |         |        |         |       |     |  |         |         |     |
| Model :<br>EC550E<br>Boom :<br>HD 7.0 m<br>Arm :<br>3.9 m<br>Shoe :<br>600 mm<br>double<br>CWT :<br>10 600 kg  | 9.0 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         | *7 920  | *7 920  | 8.4     |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 7.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         | *7 530  | *7 530  | 9.4     |         |         |         |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 6 m kg                                     |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         | *10 910 | 8 600   |         | *7 410  | 7 030   | 10.1    |         |         |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 4.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         | *12 830 | 11 120  | *11 600 | 8 340   |         | *7 490  | 6 430   | 10.5    |         |         |         |         |         |        |         |       |     |  |         |         |     |
|                                                                                                                | 3 m kg                                     |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         | *24 730 | 22 230  | *17 730 | 14 630  | *14 360 | 10 570  | *12 460 | 8 040   | *9 530  | 6 290   | *7 760  | 6 110   | 10.7   |         |       |     |  |         |         |     |
|                                                                                                                | 1.5 m kg                                   |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         | *21 720 | 20 790  | *20 010 | 13 800  | *15 750 | 10 080  | 12 640  | 7 750   | *9 950  | 6 150   | *8 250  | 6 020   | 10.6   |         |       |     |  |         |         |     |
|                                                                                                                | 0 m kg                                     |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         | *22 710 | 20 190  | *21 380 | 13 280  | 16 280  | 9 740   | 12 410  | 7 540   |         | *9 040  | 6 150   | 10.4    |        |         |       |     |  |         |         |     |
|                                                                                                                | -1.5 m kg                                  |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         | *11 050 | *11 050 | *15 490 | *15 490 | *29 000 | 20 080  | *21 720 | 13 060  | 16 070  | 9 560   | 12 300  | 7 440   |        | *10 290 | 6 550 | 9.9 |  |         |         |     |
|                                                                                                                | -3 m kg                                    |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         | *18 070 | *18 070 | *23 710 | *23 710 | *27 730 | 20 240  | *20 990 | 13 080  | 16 080  | 9 560   | 12 370  | 7 510   |        | 12 090  | 7 360 | 9.2 |  |         |         |     |
| -4.5 m kg                                                                                                      |                                            |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         | *26 200 | *26 200 | *33 600 | *33 600 | *24 610 | 20 660  | *18 880 | 13 330  | *14 540 | 9 790   |         |         |         |        | *12 890 | 8 950 | 8.1 |  |         |         |     |
| -6 m kg                                                                                                        |                                            |             |              |             |              |             |              |             |              |             |              |             |              |             |              |             |              |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |         |         |         |         |         |         |         | *25 100 | *25 100 | *18 960 | *18 960 | *14 060 | 13 950 |         |       |     |  | *12 560 | *12 560 | 6.4 |

Notes: 1. Machine in "Fine Mode-F" (Power Boost) for lifting capacities. 2. The above loads are in compliance with SAE J1097 and ISO 10567 Hydraulic Excavator Lifting Capacity Standards. 3. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. 4. Rated loads marked with an asterisk (\*) are limited by hydraulic capacity rather than tipping load.

# Equipment

## STANDARD EQUIPMENT

### Engine

|                                                                                                  |
|--------------------------------------------------------------------------------------------------|
| Turbocharged, 4 stroke diesel engine with water cooling, direct injection and charged air cooler |
| Air filter with indicator                                                                        |
| Air intake heater                                                                                |
| Cyclone pre-cleaner                                                                              |
| Fuel filter and combined water separator                                                         |
| Fuel filler pump: 50 l/min, with automatic shut-off                                              |
| Auto engine shutdown                                                                             |
| Delayed engine Shutdown                                                                          |
| Alternator, 80 A                                                                                 |

### Electric / Electronic control system

|                                     |
|-------------------------------------|
| Advanced mode control system        |
| Self-diagnostic system              |
| Machine status indication           |
| Engine speed sensing power control  |
| Automatic idling system             |
| One-touch power boost               |
| Safety stop/start function          |
| Adjustable LCD color monitor        |
| Master electrical disconnect switch |
| Engine restart prevention circuit   |
| High-capacity LED lights:           |
| Frame-mounted 2                     |
| Boom-mounted 2                      |
| Extra work lights, LED :            |
| - Cab-mounted 3                     |
| - Boom-mounted 2                    |
| - Counterweight-mounted 1           |
| Travel alarm                        |
| Flashing beacon, LED                |
| Batteries, 2 x 12 V / 200 Ah        |
| Start motor, 24 V / 7 kW            |

### Frame

|                                |
|--------------------------------|
| 3-point right-hand side access |
| Tool storage area              |
| Service walk way               |
| Punched metal anti-slip plates |
| Undercover, heavy-duty         |

### Undercarriage

|                               |
|-------------------------------|
| Undercover, heavy-duty        |
| Hydraulic track adjusters     |
| Greased and sealed track link |
| Track Guard                   |

### Hydraulic system

|                                        |
|----------------------------------------|
| New electro-hydraulic system with IMVT |
| 2-pump flow bucket circuit             |
| Swing anti-rebound valves              |
| Multi-stage filtering system           |
| Cylinder cushioning                    |
| Cylinder contamination seals           |
| Automatic two-speed travel motors      |
| Hydraulic oil, ISO VG 68               |
| Automatic hydraulic oil warm-up        |

## STANDARD EQUIPMENT

### Cab and interior

|                                                       |
|-------------------------------------------------------|
| ROPS (ISO12117-2) certified cab                       |
| Silicon oil and rubber mounts with spring             |
| Travel pedals and hand levers                         |
| Adjustable operator seat and joystick control console |
| Control joysticks with 4 switches each                |
| Heater & air-conditioner, automatic                   |
| Flexible antenna                                      |
| Radio with MP3 & USB Jack with bluetooth              |
| Hydraulic safety lock lever                           |
| Cab, all-weather sound suppressed, includes:          |
| - Cup holders                                         |
| - Door locks                                          |
| - Tinted glass                                        |
| - Floor mat                                           |
| - Horn                                                |
| - Large storage area                                  |
| - Pull-up type front window                           |
| - Removable lower windshield                          |
| - Seat belt                                           |
| - Safety glass                                        |
| - Sun screens, front, roof, rear                      |
| - Windshield wiper with intermittent feature          |
| - Rear view camera                                    |
| - Master key                                          |

### Track shoes

|                             |
|-----------------------------|
| 750 mm with triple grousers |
|-----------------------------|

### Digging equipment

|                                |
|--------------------------------|
| Boom: 6.5 m ME                 |
| Arm: 2.55 m                    |
| Manual centralized lubrication |

### Service

|                             |
|-----------------------------|
| Tool kit, daily maintenance |
|-----------------------------|

# Equipment

## OPTIONAL EQUIPMENT

### Engine

- Oil bath pre-cleaner
- Diesel coolant heater, 10 kW
- Water separator with heater
- Reversible fan drive
- Fuel tank-fast fuel fill preparation
- Block heater: 120 V, 240 V

### Electric

- Anti-theft system
- Green light beacon
- Jump start connector, NATO
- Dig Assist : 2D, In-Field Design and 3D
- On-Board Weighing
- Volvo Smart View

### Frame

- Hydraulic removable counterweight
- Service walk way, foldable
- Cab entrance
- Cab entrance, foldable
- Full height, fixed handrail
- Full height, foldable handrail and guard rail
- Side impact protection

### Undercarriage

- Full track guard
- Mechanically retractable width track gauge

### Hydraulic System

- Hammer & shear:
  - Work tool management system (up to 32 programmable memories)
  - Hammer & shear, 1 and 2 pump flow
  - Variable flow and pressure pre-setting
  - Additional return filter
- Slope & rotator
- Grapple
- Oil leak (drain) line
- Hose rupture valve: Boom, Arm
- Overload warning device
- Quick coupler piping
- Boom float function

## OPTIONAL EQUIPMENT

### Cab and interior

- Fabric seat with heater, air suspension and 3P belt
- Deluxe seat with multiple adjusting arm rest
- Joystick pattern change
- Comfort Driving Control
- Creep travel speed
- Opening top hatch
- Falling object guard (FOG) :
  - Frame-mounted
  - Cab-mounted
- Cab-mounted falling object protective structure (FOPS)
- Smoker kit (ashtray and lighter)
- Safety net for front window
- Safety net for lower front window
- Front Rain shield
- Lower wiper with intermittent control
- Side view camera
- Anti-vandalism kit
- One piece front window
- High visibility cab

### Track shoes

- Track shoes 600/750/900 mm with triple grousers
- Track shoes 600 mm with double grousers

### Digging equipment

- Boom: 7.0 m
- Arm: 2.55 m, 3.0m, 3.35m, 3.9 m
- Linkage with lifting eye

### Service

- Automatic lubrication system
- Tool kit, full scale
- Caretrack



## SELECTION OF VOLVO OPTIONAL EQUIPMENT

Protection package



Oil bath pre-cleaner



Reversible cooling fan



Foldable walkway



Fast fuel filling preparation



Dig Assist apps, powered by Volvo Co-Pilot



Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.

# Our Branches



## Albany

17 Charles St  
Milpara, WA, 6330  
Tel 08 9841 1249

## Alice Springs

12 Cameron Street  
Braitling, NT 0870  
Tel 08 8959 0500

## Brisbane

32-36 Colebard St East  
Acacia Ridge, QLD 4110  
Tel 07 3276 3700

## Bunbury

10 Kerr Rd  
Picton East, WA 6229  
Tel 08 9722 8100

## Burnie

44 Main Rd  
Wivenhoe, TAS 7320  
Tel 03 6431 7833

## Canberra

40 Yass Road  
Queanbeyan, NSW 2620  
Tel 02 4648 9651

## Dandenong

46 Greens Rd  
Dandenong, VIC, 3175  
Tel 03 9767 8000

## Darwin

1 Toupein Rd  
Yarrowonga, NT, 0830  
Tel 08 8935 9100

## Geelong

106 St Georges Rd  
Corio, VIC 3214  
Tel 03 6262 6220

## Geraldton

383 Edward Rd  
Meru, WA, 6530  
Tel 08 9960 8000

## Guildford

52 Great Eastern Highway  
South Guildford, WA, 6055  
Tel 08 9277 0111

## Hobart

56 Crooked Billet Dr  
Bridgewater, TAS, 7030  
Tel 03 6262 6200

## Kalgoorlie

85 Craig Rd  
Kalgoorlie, WA, 6430  
Tel 08 9080 0500

## Launceston

401 Westbury Rd  
Prospect Vale, TAS, 7250  
Tel 03 6345 4100

## Mackay

Connors Rd  
Paget, QLD, 4740  
Tel 04847 7300

## Melbourne

210 Northbourne Rd  
Campbellfield, VIC, 3061  
Tel 03 9305 9900

## National

54 Great Eastern Highway  
South Guildford, WA, 6055  
08 9478 0000

## Newcastle

2 Glenwood Dr  
Thorton, NSW, 2322  
Tel 02 4926 9600

## Port Hedland

17 Pinnacles St  
Wedgedield, WA, 6721  
Tel 08 9140 0200

## Rockhampton

1 Featherstone Street,  
Parkhurst, QLD, 4702  
Tel 07 4847 7330

## Sydney

10 Anzac Ave  
Smeaton Grange, NSW, 2567  
Tel 02 4648 9600

## Wodonga

2A Stead St  
Wodonga, VIC, 3690  
Tel 02 6092 2200