

V O L V O



Volvo Excavators 52.5 - 57.0 t / 115,830 - 125,600 lb 456 hp

EC530E, 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

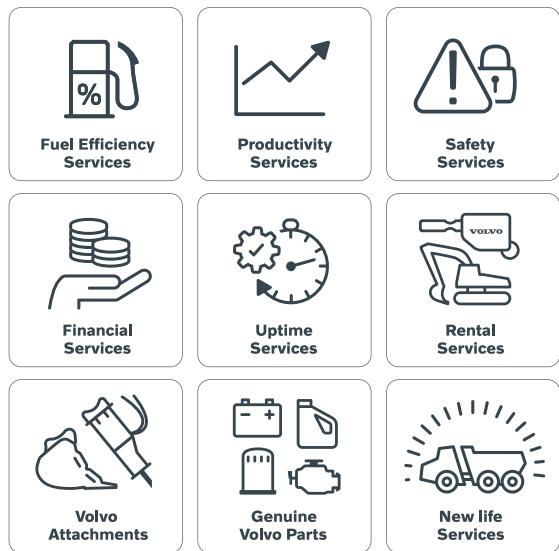
Our industry leading machines are just the start of your relationship with Volvo. As your partner, we have developed an extensive range of additional solutions to help you improve uptime, boost productivity and reduce costs.

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

A purpose-built 50-tonner

Introducing the EC530E and EC550E, true 50-tonne machines and new size class excavators for Volvo. Outstanding levels of power and productivity make these crawler excavators the perfect partner for heavy-duty digging, mass excavation and large site preparation.

Big performance

The 50-tonne EC530E and EC550E truly punch above their weight, delivering the digging forces and lifting capacity more commonly found in a 60-tonne machine. Featuring the highest engine power in their class, these machines deliver superior swing torque and tractive force.



The undercarriage for the job

The perfect choice for the toughest applications, the robust EC550E undercarriage features a longer and wider expandable lower frame compared to the EC530E, providing enhanced stability when handling heavier loads. The EC530E regular expandable lower frame has transportation dimensions close to the smaller EC480E with expandable lower frame.



Less passes, more work

Optimize fleet use by up to 20%. These 50-tonne excavators are the perfect partner to 30-45t class Volvo articulated haulers, 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.





SET NEW STANDARDS

These true 50-tonne crawler excavators, equipped with large buckets, boost productivity by up to 20% – setting new standards for the industry.

Less cost, more profit

Reduce costs and boost profits in the EC530E and EC550E. Features including new electro-hydraulic system, Volvo attachments and Fuel Efficiency Report all contribute towards the unrivalled levels of efficiency delivered by these 50-tonne crawler excavators.

Unique Independent Metering Valve Technology

The latest pioneering innovation from Volvo, the next generation electro-hydraulic system with Independent Metering Valve Technology is the most advanced hydraulic system in the industry. The system provides intelligent electronic control with more control variable, 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.



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 EC530E and 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 no hydraulic pilot lines enable a range of intelligent functions which take the operator experience to new levels, including creep mode, motion priority functions, reduced bouncing and optional Comfort Drive Control.

Carry with care

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



Comfortable travel

For easy operation and reduced operator fatigue, Comfort Drive Control gives operators the opportunity to move the machine straight forward or backward and spin the machine clockwise or counterclockwise 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 EC530E and EC550E.

See it all

Operators can work in complete confidence thanks to Volvo Smart View. The system uses front, rear and side cameras to provide a real-time, overhead view of the machine during operation on the colour monitor. The result is safer machine rotation while working, especially in confined spaces.



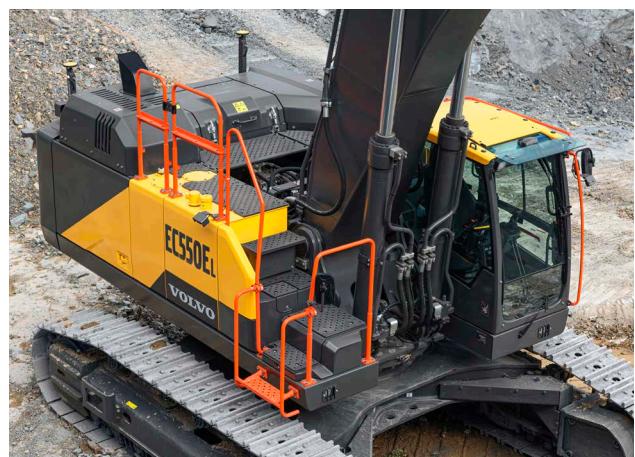
Industry-renowned cab

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 windshield 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 safety and confidence thanks to 3-point right-hand side access, also providing access to the handily located DEF tank. A splash guard on the DEF tank makes filling quicker and easier, reducing the risk of spillage and subsequent corrosion.

Work harder for longer

Reduced maintenance requirements, durable design and outstanding reliability means you can count on the EC530E and EC550E to deliver optimum results – shift after shift, day after day.

For the toughest tasks

The 50-tonne EC530E and EC550E are designed to deliver performance which lasts, with an ultra-durable and reinforced undercarriage providing the durability and strength you would expect from a 60-tonne machine. Combine this with a super-strong upper and lower frame, and boom and arm with larger pin size, and these machines are 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 Direct. Our Volvo Uptime Center will provide telematics monitoring, supplying fleet utilization reporting 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 EC530E and EC550E, reducing the number of couplings required, for increased machine reliability. Electric connectors which exceed Ingress Protection 69K water-proofed standards also contribute to long component life. Spend more time working without interruption thanks to 1,000-hour engine oil and engine oil filter change intervals; grouped filters accessible from the ground level make servicing quick and easy.

Move more for less

True 50-tonne performance

- Bigger buckets, 20% more productivity
- Highest engine power of its class
- Superior swing torque and tractive force
- Digging forces/lifting capacity commonly found in a 60-tonne machine
- Handle heavier loads with the longer/wider EC550E undercarriage
- Perfect match to 30-45t Volvo Articulated Haulers

Big on efficiency

- Electro-hydraulic system with Independent Metering Valve Technology: +25% fuel efficiency
- Engine pump optimization
- Optimized hydraulic piping & 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



Volvo Services: boost your profits

- On-Board Weighing, powered by Dig Assist
- Range of matched Volvo Attachments
- Volvo Site Simulation
- ActiveCare Direct: telematics monitoring and fleet utilization reporting



Quick and easy servicing

- 3-point right-hand side access to the upper structure
- Removed hydraulic pilot lines
- Splash guard on the DEF tank
- Grouped filters, accessed from ground-level or side walkway

Get around safely

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

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 69K water-proofed standards
- 1,000hr engine oil and engine oil filter change intervals

Volvo EC530E, EC550E in detail

Engine

Volvo diesel engine uses Volvo Advanced Combustion Technology (V-ACT) to deliver lower emissions, superior performance and fuel efficiency. The engine uses precise, high pressure 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	D13J
Max power at	r/min (r/s)	1,600 (27)
Net, ISO 9249/SAE J1349	kW (hp)	339 (455)
Gross, ISO 14396/SAE J1995	kW (hp)	340 (456)
Max torque	Nm (ft lbf)	2,200 (1,623)
at engine speed	r/min (r/s)	1,300 (22)
No. of cylinders		6
Displacement	l (in³)	12.8 (781)
Bore	mm (in)	131 (5.16)
Stroke	mm (in)	158 (6.22)

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.

EC530E

Track shoes		2 x 50
Link pitch	mm (in)	229 (9)
Shoe width, triple grouser	mm (in)	600 / 750 / 900 (24 / 30 / 36)
Shoe width, double grouser	mm (in)	600 (24)
Bottom rollers		2 x 9
Top rollers		2 x 3

EC550E

Track shoes		2 x 51
Link pitch	mm (in)	229 (9)
Shoe width, triple grouser	mm (in)	600 / 750 / 900 (24 / 30 / 36)
Shoe width, double grouser	mm (in)	600 (24)
Bottom rollers		2 x 9
Top rollers (retractable)		2 x 3

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 CO₂-eq.

Hydraulic System

Main pump, Type 2 x Variable displacement axial piston pumps

Maximum flow 1/min (gal/min) 2 x 416 (2 x 110)

Pilot pump, Type Gear pump

Maximum flow 1/min (gal/min) 16 (4.2)

Max. pressure

Implement	MPa (psi)	33.8/36.3 (4,910/5,260)
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Travel circuit	MPa (psi)	33.8 (4,910)
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Slew circuit	MPa (psi)	27.9 (4,050)
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Pilot circuit	MPa (psi)	3.9 (570)
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Hydraulic Motors

Travel: Variable displacement axial piston motor with mechanical brake.

Slew: Fixed displacement piston motor with mechanical brake.

Hydraulic Cylinders

Mono boom		2
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Bore x Stroke	ø x mm (ø x in)	175 x 1590 (6.9 x 62.6)
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Arm		1
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Bore x Stroke	ø x mm (ø x in)	190 x 1942 (7.5 x 76.5)
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Bucket		1
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Bore x Stroke	ø x mm (ø x in)	170 x 1330 (6.7 x 52.4)
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ME Bucket		1
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Bore x Stroke	ø x mm (ø x in)	180 x 1335 (7.1 x 52.6)
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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 (ft lbf)	197 (145,300)

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 (lbf)	350 (78,683)
Max. travel speed (low)	km/h (mi/h)	3.5 (2.2)
Max. travel speed (high)	km/h (mi/h)	5.4 (3.4)
Gradeability	°	35

Service Refill

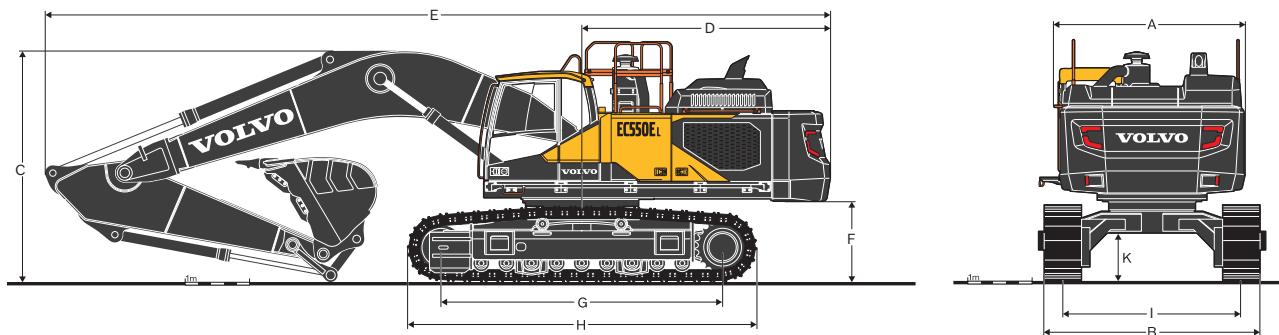
Fuel tank	l (gal)	680 (180)
DEF/AdBlue® tank	l (gal)	62.5 (17)
Hydraulic system, total	l (gal)	590 (156)
Hydraulic tank	l (gal)	270 (71)
Engine oil	l (gal)	55 (15)
Engine coolant	l (gal)	66 (17)
Slew reduction unit	l (gal)	2 x 6.4 (2 x 1.7)
Travel reduction unit	l (gal)	2 x 8.0 (2 x 2.1)

Sound Level

Sound pressure level in cab according to ISO 6396		
L _{pA}	dB	71
External sound level according to ISO 6395 and EU Noise Directive 2000/14/EC		
L _{WA}	dB	107



Specifications



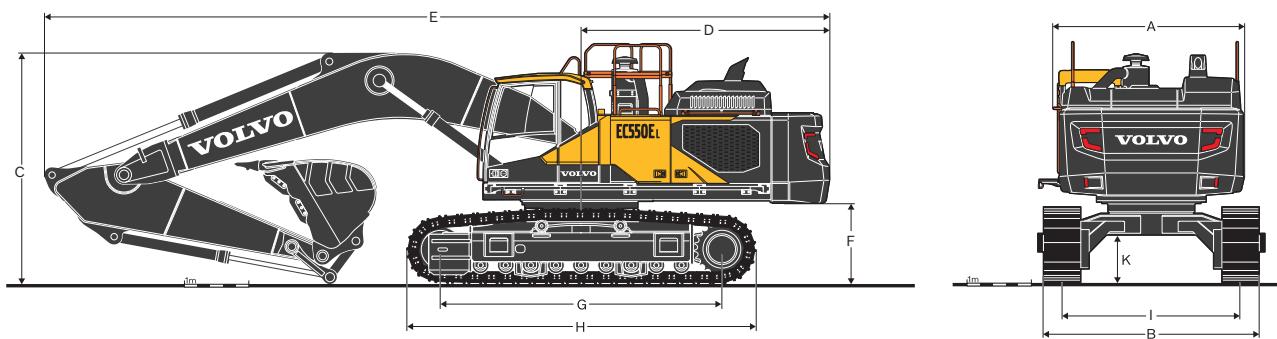
DIMENSIONS

Description	Unit	EC530EL Retractable undercarriage											
		6.5, 21'4"				7.0, 23'0"							
Boom	m, ft in	6.5, 21'4"				7.0, 23'0"							
Arm	m, ft in	2.55	8'4"	3.0	9'10"	2.55	8'4"	3.0	9'10"	3.35	11'0"	3.9	12'10"
A. Overall width of upper structure **	mm ft in	2,990	9'10"	2,990	9'10"	2,990	9'10"	2,990	9'10"	2,990	9'10"	2,990	9'10"
B. Overall width ***													
Retracted													
600mm (24") shoes	mm ft in	2,990	9'10"	2,990	9'10"	2,990	9'10"	2,990	9'10"	2,990	9'10"	2,990	9'10"
750mm (30") shoes	mm ft in	3,140	10'4"	3,140	10'4"	3,140	10'4"	3,140	10'4"	3,140	10'4"	3,140	10'4"
900mm (36") shoes	mm ft in	3,290	10'10"	3,290	10'10"	3,290	10'10"	3,290	10'10"	3,290	10'10"	3,290	10'10"
Extended													
600mm (24") shoes	mm ft in	3,490	11'5"	3,490	11'5"	3,490	11'5"	3,490	11'5"	3,490	11'5"	3,490	11'5"
750mm (30") shoes	mm ft in	3,640	11'11"	3,640	11'11"	3,640	11'11"	3,640	11'11"	3,640	11'11"	3,640	11'11"
900mm (36") shoes	mm ft in	3,790	12'5"	3,790	12'5"	3,790	12'5"	3,790	12'5"	3,790	12'5"	3,790	12'5"
C. Overall height *													
Cab	mm ft in	3,415	11'2"	3,415	11'2"	3,415	11'2"	3,415	11'2"	3,415	11'2"	3,415	11'2"
FOG	mm ft in	3,520	11'7"	3,520	11'7"	3,520	11'7"	3,520	11'7"	3,520	11'7"	3,520	11'7"
Engine hood	mm ft in	3,290	10'10"	3,290	10'10"	3,290	10'10"	3,290	10'10"	3,290	10'10"	3,290	10'10"
Diffuser	mm ft in	3,645	12'0"	3,645	12'0"	3,645	12'0"	3,645	12'0"	3,645	12'0"	3,645	12'0"
Handrail and Guardrail, folded	mm ft in	3,385	11'1"	3,385	11'1"	3,385	11'1"	3,385	11'1"	3,385	11'1"	3,385	11'1"
Handrail, unfolded	mm ft in	3,670	12'0"	3,670	12'0"	3,670	12'0"	3,670	12'0"	3,670	12'0"	3,670	12'0"
Guardrail, unfolded	mm ft in	3,870	12'8"	3,870	12'8"	3,870	12'8"	3,870	12'8"	3,870	12'8"	3,870	12'8"
With Boom/Arm/Bucket (with hydraulic hoses)	mm ft in	4,400	14'5"	4,340	14'3"	4,200	13'9"	4,010	13'2"	3,910	12'10"	3,930	12'11"
With Boom/Arm (with hydraulic hoses)	mm ft in	4,170	13'8"	4,145	13'7"	4,020	13'2"	3,910	12'10"	3,870	12'8"	3,905	12'10"
With Boom (with hydraulic hoses)	mm ft in	3,390	11'1"	3,390	11'1"	3,180	10'5"	3,180	10'5"	3,180	10'5"	3,180	10'5"
D. Tail swing radius	mm ft in	3,880	12'9"	3,880	12'9"	3,880	12'9"	3,880	12'9"	3,880	12'9"	3,880	12'9"
E. Overall length													
With Boom/Arm/Bucket	mm ft in	11,770	38'7"	11,760	38'7"	12,270	40'3"	12,260	40'3"	12,240	40'2"	12,235	40'2"
With Boom/Arm	mm ft in	11,750	38'7"	11,750	38'7"	12,255	40'2"	12,245	40'2"	12,230	40'1"	12,230	40'1"
With Boom	mm ft in	10,290	33'9"	10,290	33'9"	10,810	35'6"	10,810	35'6"	10,810	35'6"	10,810	35'6"
F. Counterweight clearance *	mm ft in	1,370	4'6"	1,370	4'6"	1,370	4'6"	1,370	4'6"	1,370	4'6"	1,370	4'6"
G. Tumbler length	mm ft in	4,400	14'5"	4,400	14'5"	4,400	14'5"	4,400	14'5"	4,400	14'5"	4,400	14'5"
H. Track length	mm ft in	5,460	17'11"	5,460	17'11"	5,460	17'11"	5,460	17'11"	5,460	17'11"	5,460	17'11"
I. Track gauge													
Retracted	mm ft in	2,390	7'10"	2,390	7'10"	2,390	7'10"	2,390	7'10"	2,390	7'10"	2,390	7'10"
Extended	mm ft in	2,890	9'6"	2,890	9'6"	2,890	9'6"	2,890	9'6"	2,890	9'6"	2,890	9'6"
K. Min. ground clearance *	mm ft in	735	2'5"	735	2'5"	735	2'5"	735	2'5"	735	2'5"	735	2'5"

* Without shoe grouser

** Exclude walkway, handrail

*** Shoe end to end



DIMENSIONS

Description	Unit	EC550E Wide retractable undercarriage											
Boom	m, ft in	6.5, 21'4"				7.0, 23'0"							
Arm	m, ft in	2.55	8'4"	3.0	9'10"	2.55	8'4"	3.0	9'10"	3.35	11'0"	3.9	12'10"
A. Overall width of upper structure **	mm ft in	2990	9'10"	2990	9'10"	2990	9'10"	2990	9'10"	2990	9'10"	2990	9'10"
B. Overall width ***													
Retracted													
600mm (24") shoes	mm ft in	3,400	11'2"	3,400	11'2"	3,400	11'2"	3,400	11'2"	3,400	11'2"	3,400	11'2"
750mm (30") shoes	mm ft in	3,550	11'8"	3,550	11'8"	3,550	11'8"	3,550	11'8"	3,550	11'8"	3,550	11'8"
900mm (36") shoes	mm ft in	3,700	12'2"	3,700	12'2"	3,700	12'2"	3,700	12'2"	3,700	12'2"	3,700	12'2"
Extended													
600mm (24") shoes	mm ft in	3,900	12'10"	3,900	12'10"	3,900	12'10"	3,900	12'10"	3,900	12'10"	3,900	12'10"
750mm (30") shoes	mm ft in	4,050	13'3"	4,050	13'3"	4,050	13'3"	4,050	13'3"	4,050	13'3"	4,050	13'3"
900mm (36") shoes	mm ft in	4,200	13'9"	4,200	13'9"	4,200	13'9"	4,200	13'9"	4,200	13'9"	4,200	13'9"
C. Overall height *													
Cab	mm ft in	3,415	11'2"	3,415	11'2"	3,415	11'2"	3,415	11'2"	3,415	11'2"	3,415	11'2"
FOG	mm ft in	3,520	11'7"	3,520	11'7"	3,520	11'7"	3,520	11'7"	3,520	11'7"	3,520	11'7"
Engine hood	mm ft in	3,290	10'10"	3,290	10'10"	3,290	10'10"	3,290	10'10"	3,290	10'10"	3,290	10'10"
Diffuser	mm ft in	3,645	12'0"	3,645	12'0"	3,645	12'0"	3,645	12'0"	3,645	12'0"	3,645	12'0"
Handrail and Guardrail, folded	mm ft in	3,385	11'1"	3,385	11'1"	3,385	11'1"	3,385	11'1"	3,385	11'1"	3,385	11'1"
Handrail, unfolded	mm ft in	3,670	12'0"	3,670	12'0"	3,670	12'0"	3,670	12'0"	3,670	12'0"	3,670	12'0"
Guardrail, unfolded	mm ft in	3,870	12'8"	3,870	12'8"	3,870	12'8"	3,870	12'8"	3,870	12'8"	3,870	12'8"
With Boom/Arm/Bucket (with hydraulic hoses)	mm ft in	4,400	14'5"	4,340	14'3"	4,200	13'9"	4,010	13'2"	3,910	12'10"	3,930	12'11"
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With Boom (with hydraulic hoses)	mm ft in	3,390	11'1"	3,390	11'1"	3,180	10'5"	3,180	10'5"	3,180	10'5"	3,180	10'5"
D. Tail swing radius	mm ft in	3,880	12'9"	3,880	12'9"	3,880	12'9"	3,880	12'9"	3,880	12'9"	3,880	12'9"
E. Overall length													
With Boom/Arm/Bucket	mm ft in	11,770	38'7"	11,760	38'7"	12,270	40'3"	12,260	40'3"	12,240	40'2"	12,235	40'2"
With Boom/Arm	mm ft in	11,750	38'7"	11,750	38'7"	12,255	40'2"	12,245	40'2"	12,230	40'1"	12,230	40'1"
With Boom	mm ft in	10,290	33'9"	10,290	33'9"	10,810	35'6"	10,810	35'6"	10,810	35'6"	10,810	35'6"
F. Counterweight clearance *	mm ft in	1,370	4'6"	1,370	4'6"	1,370	4'6"	1,370	4'6"	1,370	4'6"	1,370	4'6"
G. Tumbler length	mm ft in	4,515	14'10"	4,515	14'10"	4,515	14'10"	4,515	14'10"	4,515	14'10"	4,515	14'10"
H. Track length	mm ft in	5,580	18'4"	5,580	18'4"	5,580	18'4"	5,580	18'4"	5,580	18'4"	5,580	18'4"
I. Track gauge													
Retracted	mm ft in	2,800	9'2"	2,800	9'2"	2,800	9'2"	2,800	9'2"	2,800	9'2"	2,800	9'2"
Extended	mm ft in	3,300	10'10"	3,300	10'10"	3,300	10'10"	3,300	10'10"	3,300	10'10"	3,300	10'10"
K. Min. ground clearance *	mm ft in	735	2'5"	735	2'5"	735	2'5"	735	2'5"	735	2'5"	735	2'5"

* Without shoe grouser

** Exclude walkway, handrail

*** Shoe end to end

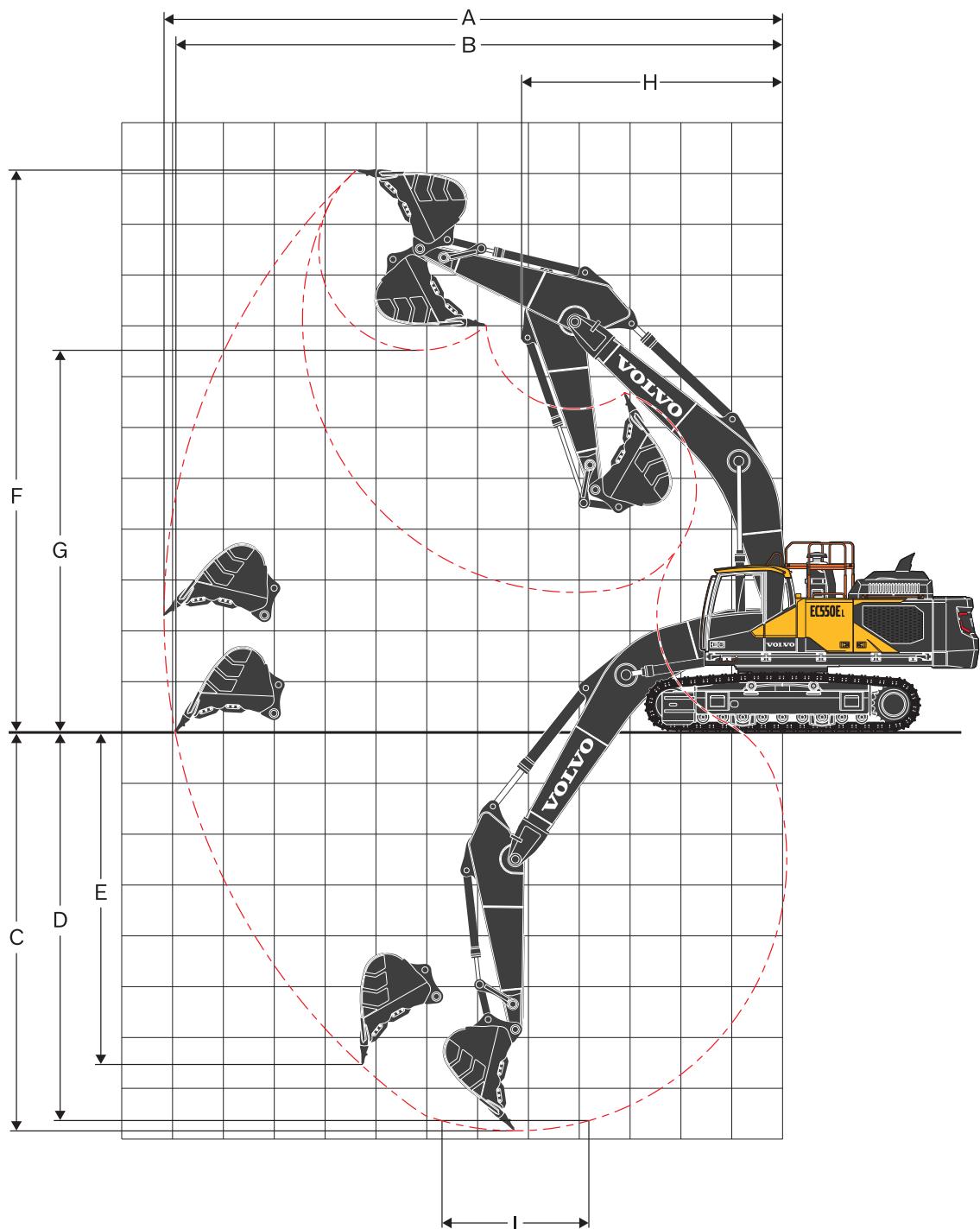
Specifications

WORKING RANGE

Description	Unit		EC530E and EC550E											
	m, ft in		6.5, 21'4"				7.0, 23'0"							
Boom	m	ft in	2.55	8'4"	3.0	9'10"	2.55	8'4"	3.0	9'10"	3.35	11'0"	3.9	12'10"
Arm	m	ft in	2.55	8'4"	3.0	9'10"	2.55	8'4"	3.0	9'10"	3.35	11'0"	3.9	12'10"
A. Max. digging reach	mm	ft in	10,970	36'0"	11,330	37'2"	11,490	37'8"	11,850	38'11"	12,180	40'0"	12,680	41'7"
B. Max. digging reach on ground	mm	ft in	10,690	35'1"	11,060	36'3"	11,220	36'10"	11,590	38'0"	11,930	39'2"	12,430	40'9"
C. Max. digging depth	mm	ft in	6,450	21'2"	6,900	22'8"	6,890	22'7"	7,340	24'1"	7,690	25'3"	8,240	27'0"
D. Max. digging depth (2.44 m / 8'0" level)	mm	ft in	6,280	20'7"	6,750	22'2"	6,720	22'1"	7,190	23'7"	7,550	24'9"	8,110	26'7"
E. Max. vertical wall digging depth	mm	ft in	5,680	18'8"	5,850	19'2"	5,980	19'7"	6,090	19'12"	6,410	21'0"	6,840	22'5"
F. Max. cutting height	mm	ft in	10,740	35'3"	10,740	35'3"	11,060	36'3"	11,060	36'3"	11,210	36'9"	11,380	37'4"
G. Max. dumping height	mm	ft in	7,100	23'4"	7,160	23'6"	7,450	24'5"	7,510	24'8"	7,760	25'6"	7,850	25'9"
H. Min. front slew radius	mm	ft in	4,810	15'9"	4,780	15'8"	5,210	17'1"	5,170	17'0"	5,140	16'10"	5,050	16'7"

DIGGING FORCES WITH DIRECT FIT BUCKET

Bucket radius		mm	in	1,965	77"	1,965	77"	1,840	72"	1,840	72"	1,840	72"	1,840	72"	
Breakout force - bucket	Normal	SAE J1179	kN	lb	267	60,050	267	60,050	251	56,450	251	56,450	251	56,450	251	56,450
	Power boost	SAE J1179	kN	lb	287	64,550	287	64,550	269	60,500	269	60,500	269	60,500	269	60,500
	Normal	ISO 6015	kN	lb	307	69,050	307	69,050	287	64,550	287	64,550	287	64,550	287	64,550
	Power boost	ISO 6015	kN	lb	329	74,000	329	74,000	308	69,270	308	69,270	308	69,270	308	69,270
Tearout force - dipper arm	Normal	SAE J1179	kN	lb	247	55,550	227	51,050	258	58,030	236	53,080	220	49,480	196	44,080
	Power boost	SAE J1179	kN	lb	265	59,600	243	54,650	277	62,300	253	56,900	235	52,850	210	47,230
	Normal	ISO 6015	kN	lb	256	57,580	233	52,400	264	59,380	241	54,200	223	50,150	199	44,760
	Power boost	ISO 6015	kN	lb	274	61,630	250	56,230	284	63,870	258	58,030	240	53,980	213	47,910
Rotation angle, bucket		°		168		168		178		178		178		178		



Specifications

BUCKET SELECTION GUIDE

Bucket type		Capacity		Cutting width (inner)		Weight		Teeth	EC530EL retractable undercarriage						
									900 mm (36") shoe, 10,600 kg (23,370 lb) counterweight				6.5 m (21'4") boom		
		m ³	yd ³	mm	in	kg	lb		2.55 m (8'4")	3.0 m (9'10")	2.55 m (8'4")	3.0 m (9'10")	3.35 m (11')	3.9 m (12'10")	
Direct fit Buckets	General Purpose	2.84	3.71	1,940	76	2,554	5,632	5	C	C	C	C	C	C	C
		3.31	4.33	2,190	86	2,841	6,264	6	C	C	C	C	C	C	B
		4.60	6.02	2,340	92	3,363	7,415	6	B	A	A	X	X	X	X
	Heavy Duty	2.40	3.14	1,710	67	2,499	5,510	5	D	D	D	D	D	D	D
		2.66	3.48	1,840	72	2,587	5,703	5	D	D	D	D	D	D	C
		2.84	3.71	1,940	76	2,682	5,914	5	D	D	D	D	D	D	C
	Extra Duty	3.31	4.33	2,190	86	2,985	6,580	6	D	D	D	C	C	B	B
		3.82	5.00	2,020	80	2,990	6,591	5	C	C	B	B	B	B	A
		2.84	3.71	2,000	79	3,456	7,619	4	D	D	C	C	C	C	B
	3.31	4.33	2,250	89	3,851	8,491	5	C	C	B	B	B	B	B	A
Buckets with UQC	General Purpose	2.84	3.71	1,940	76	2,554	5,632	5	C	C	C	C	C	C	B
		3.31	4.33	2,190	86	2,841	6,264	6	C	C	C	B	B	B	A
		4.60	6.02	2,340	92	3,363	7,415	6	A	X	X	X	X	X	X
	Heavy Duty	2.40	3.14	1,710	67	2,499	5,510	5	D	D	D	D	D	D	C
		2.66	3.48	1,840	72	2,587	5,703	5	D	D	D	D	D	D	B
		2.84	3.71	1,940	76	2,682	5,914	5	D	D	D	C	C	C	B
	Extra Duty	3.31	4.33	2,190	86	2,985	6,580	6	C	C	C	B	B	B	A
		3.82	5.00	2,020	80	2,990	6,591	5	C	B	B	A	A	A	X
		2.84	3.71	2,000	79	3,456	7,619	4	D	C	C	B	B	B	A
	3.31	4.33	2,250	89	3,851	8,491	5	C	B	B	A	X	X	X	X
Bucket type	Capacity		Cutting width (inner)		Weight		Teeth	EC530EL retractable undercarriage							
								900 mm (36") shoe, 10,600 kg (23,370 lb) counterweight + 700 kg (1,540 lb) counterweight				6.5 m (21'4") boom			7.0 m (23') boom
	m ³	yd ³	mm	in	kg	lb		2.55 m (8'4")	3.0 m (9'10")	2.55 m (8'4")	3.0 m (9'10")	3.35 m (11')	3.9 m (12'10")		
Direct fit Buckets	General Purpose	2.84	3.71	1,940	76	2,554	5,632	5	C	C	C	C	C	C	C
		3.31	4.33	2,190	86	2,841	6,264	6	C	C	C	C	C	C	B
		4.60	6.02	2,340	92	3,363	7,415	6	B	B	B	A	X	X	X
	Heavy Duty	2.40	3.14	1,710	67	2,499	5,510	5	D	D	D	D	D	D	D
		2.66	3.48	1,840	72	2,587	5,703	5	D	D	D	D	D	D	D
		2.84	3.71	1,940	76	2,682	5,914	5	D	D	D	D	D	D	C
	Extra Duty	3.31	4.33	2,190	86	2,985	6,580	6	D	D	D	C	C	C	B
		3.82	5.00	2,020	80	2,990	6,591	5	D	C	C	B	B	B	A
		2.84	3.71	2,000	79	3,456	7,619	4	D	D	D	D	D	C	B
	3.31	4.33	2,250	89	3,851	8,491	5	D	C	C	B	B	B	A	A
Direct fit Buckets with UQC	General Purpose	2.84	3.71	1,940	76	2,554	5,632	5	C	C	C	C	C	C	B
		3.31	4.33	2,190	86	2,841	6,264	6	C	C	C	B	B	B	A
		4.60	6.02	2,340	92	3,363	7,415	6	B	A	A	X	X	X	X
	Heavy Duty	2.40	3.14	1,710	67	2,499	5,510	5	D	D	D	D	D	D	D
		2.66	3.48	1,840	72	2,587	5,703	5	D	D	D	D	D	D	C
		2.84	3.71	1,940	76	2,682	5,914	5	D	D	D	D	D	D	B
	Extra Duty	3.31	4.33	2,190	86	2,985	6,580	6	D	C	C	B	B	B	A
		3.82	5.00	2,020	80	2,990	6,591	5	C	B	B	B	B	B	X
		2.84	3.71	2,000	79	3,456	7,619	4	D	D	C	C	C	B	A
	3.31	4.33	2,250	89	3,851	8,491	5	C	B	B	A	A	A	X	X

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/m³ (3,500 lb/yd³)
C: 1,800 kg/m³ (3,000 lb/yd³)
B: 1,500 kg/m³ (2,500 lb/yd³)
A: 1,200 kg/m³ (2,000 lb/yd³)

BUCKET SELECTION GUIDE

Bucket type		Capacity		Cutting width (inner)		Weight		Teeth	EC550EL wide retractable undercarriage						
									900 mm (36") shoe, 10,600 kg (23,370 lb) counterweight						
		6.5 m (21'4") boom		7.0 m (23') boom					6.5 m (21'4") boom		7.0 m (23') boom				
m ³	yd ³	mm	in	kg	lb	EA			2.55 m (8'4")	3.0 m (9'10")	2.55 m (8'4")	3.0 m (9'10")	3.35 m (11')	3.9 m (12'10")	
Direct fit Buckets	General Purpose	2.84	3.71	1,940	76	2,554	5,632	5	C	C	C	C	C	C	C
		3.31	4.33	2,190	86	2,841	6,264	6	C	C	C	C	C	C	C
		4.60	6.02	2,340	92	3,363	7,415	6	C	C	B	B	B	A	A
	Heavy Duty	2.40	3.14	1,710	67	2,499	5,510	5	D	D	D	D	D	D	D
		2.66	3.48	1,840	72	2,587	5,703	5	D	D	D	D	D	D	D
		2.84	3.71	1,940	76	2,682	5,914	5	D	D	D	D	D	D	D
	Extra Duty	3.31	4.33	2,190	86	2,985	6,580	6	D	D	D	D	D	D	C
		3.82	5.00	2,020	80	2,990	6,591	5	D	D	D	C	C	B	B
		2.84	3.71	2,000	79	3,456	7,619	4	D	D	D	D	D	D	D
	3.31	4.33	2,250	89	3,851	8,491	5	D	D	C	C	C	B	B	B
Buckets with UQC	General Purpose	2.84	3.71	1,940	76	2,554	5,632	5	C	C	C	C	C	C	C
		3.31	4.33	2,190	86	2,841	6,264	6	C	C	C	C	C	B	B
		4.60	6.02	2,340	92	3,363	7,415	6	C	B	B	A	A	X	X
	Heavy Duty	2.40	3.14	1,710	67	2,499	5,510	5	D	D	D	D	D	D	D
		2.66	3.48	1,840	72	2,587	5,703	5	D	D	D	D	D	D	D
		2.84	3.71	1,940	76	2,682	5,914	5	D	D	D	D	D	D	D
	Extra Duty	3.31	4.33	2,190	86	2,985	6,580	6	D	D	D	C	C	B	B
		3.82	5.00	2,020	80	2,990	6,591	5	D	C	C	C	B	B	B
		2.84	3.71	2,000	79	3,456	7,619	4	D	D	D	D	C	C	C
	3.31	4.33	2,250	89	3,851	8,491	5	D	D	C	C	B	A	A	A
Bucket type	Capacity		Cutting width (inner)		Weight		Teeth	EC550EL wide retractable undercarriage							
								900 mm (36") shoe, 10,600 kg (23,370 lb) counterweight + 700 kg (1,540 lb) counterweight							
	6.5 m (21'4") boom		7.0 m (23') boom												
	m ³	yd ³	mm	in	kg	lb	EA	2.55 m (8'4")	3.0 m (9'10")	2.55 m (8'4")	3.0 m (9'10")	3.35 m (11')	3.9 m (12'10")		
Direct fit Buckets	General Purpose	2.84	3.71	1,940	76	2,554	5,632	5	C	C	C	C	C	C	C
		3.31	4.33	2,190	86	2,841	6,264	6	C	C	C	C	C	C	C
		4.60	6.02	2,340	92	3,363	7,415	6	C	C	C	B	B	A	A
	Heavy Duty	2.40	3.14	1,710	67	2,499	5,510	5	D	D	D	D	D	D	D
		2.66	3.48	1,840	72	2,587	5,703	5	D	D	D	D	D	D	D
		2.84	3.71	1,940	76	2,682	5,914	5	D	D	D	D	D	D	D
	Extra Duty	3.31	4.33	2,190	86	2,985	6,580	6	D	D	D	D	D	D	C
		3.82	5.00	2,020	80	2,990	6,591	5	D	D	D	D	C	C	C
		2.84	3.71	2,000	79	3,456	7,619	4	D	D	D	D	D	D	D
Direct fit Buckets with UQC	General Purpose	2.84	3.71	1,940	76	2,554	5,632	5	C	C	C	C	C	C	C
		3.31	4.33	2,190	86	2,841	6,264	6	C	C	C	C	C	C	C
		4.60	6.02	2,340	92	3,363	7,415	6	C	B	B	B	A	X	X
	Heavy Duty	2.40	3.14	1,710	67	2,499	5,510	5	D	D	D	D	D	D	D
		2.66	3.48	1,840	72	2,587	5,703	5	D	D	D	D	D	D	D
		2.84	3.71	1,940	76	2,682	5,914	5	D	D	D	D	D	D	D
	Extra Duty	3.31	4.33	2,190	86	2,985	6,580	6	D	D	D	D	C	C	C
		3.82	5.00	2,020	80	2,990	6,591	5	D	D	C	C	B	B	B
		2.84	3.71	2,000	79	3,456	7,619	4	D	D	D	D	D	D	C
	3.31	4.33	2,250	89	3,851	8,491	5	D	D	D	C	B	B	B	B

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

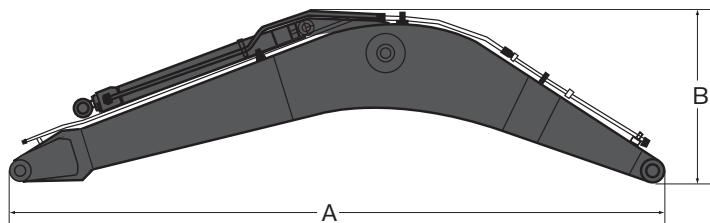
D: 2,100 kg/m³ (3,500 lb/yd³)

C: 1,800 kg/m³ (3,000 lb/yd³)

B: 1,500 kg/m³ (2,500 lb/yd³)

A: 1,200 kg/m³ (2,000 lb/yd³)

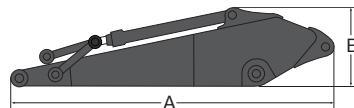
Specifications



DIMENSIONS

Boom	m	ft in	6.5	21'4"	7.0	23'0"
A. Length	mm	ft in	6,780	22'3"	7,280	23'11"
B. Height	mm	ft in	1,910	6'3"	1,785	5'10"
Width	mm	ft in	906	3'0"	906	3'0"
Weight*	kg	lb	5,140	11,330	5,025	11,080

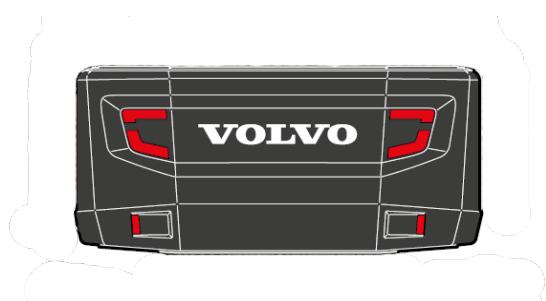
* Includes arm cylinder, piping and pin



DIMENSIONS

Arm	m	ft in	2.55	8'4"	3.0	9'10"	3.35	11'0"	3.9	12'10"
A. Length	mm	ft in	3,805	12'6"	4,270	14'0"	4,620	15'2"	5,170	17'0"
B. Height	mm	ft in	1,260	4'2"	1,260	4'2"	1,260	4'2"	1,260	4'2"
Width	mm	ft in	605	2'0"	605	2'0"	605	2'0"	605	2'0"
Weight*	kg	lb	2,710	5,980	2,920	6,440	2,875	6,340	3,030	6,680

* Includes bucket cylinder, linkage and pin



EC530E and EC550E

Description	Unit	Counterweight	
		Fixed Type	Removal Type
Length	mm, ft in	2974 9'9"	2974 9'9"
Height		1395 4'7"	1395 4'7"
Width		891 2'11"	891 2'11"
Weight	kg, lb	10600 23368	9450 20830 *

*Linkage and cylinder not included

MACHINE WEIGHTS AND GROUND PRESSURE

Description	EC530E with RETRACTABLE undercarriage, 7.0 m (23'0") boom, 3.35 m (11'0") arm, 2,800 kg (6,170 lb) bucket, 10,600 kg (23,370 lb) + 700 kg (1,540 lb) Auxiliary Counterweight				EC550E with WIDE RETRACTABLE undercarriage, 7.0 m (23'0") boom, 3.35 m (11'0") arm, 2,800 kg (6,170 lb) bucket, 10,600 kg (23,370 lb) + 700 kg (1,540 lb) Auxiliary Counterweight			
	Shoe width		Operating weight		Ground pressure		Operating weight	
	mm	in	kg	lb	kPa	psi	kg	lb
Triple grouser	600	24	54,680	120,570	93.7	13.6	55,360	122,070
	750	30	55,460	122,290	76.0	11.0	56,160	123,830
	900	36	56,240	124,010	64.2	9.3	56,960	125,600
Double grouser	600	24	54,550	120,280	93.4	13.5	55,230	121,780

*Fixed counterweight: 10,600 kg (23,370 lb).

Removable counterweight: 10,600 kg / 23,370 lb counterweight (1,140 kg, 2,514 lb non-removable linkage with removable 9,460 kg, 20,856 lb counterweight)

LIFTING CAPACITY EC530E 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 Point	1.5 m, 5 ft				3.0 m, 10 ft				4.5 m, 15 ft				6.0 m, 20 ft				7.5 m, 25 ft				9.0 m, 30 ft				10.5 m, 35 ft				Max. reach		
		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	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Max.				
Boom: 6.5m (21'4")	9.0 m kg																											*13,710	*13,710	6.1 m		
	30 ft lb																											*30,225	*30,225	19.9 ft		
	7.5 m kg																											*12,460	*12,460	7.4 m		
	25 ft lb																											*27,470	*27,470	24.2 ft		
	6 m kg																											*12,040	10,930	8.2 m		
	20 ft lb																											*26,544	24,096	27.0 ft		
	4.5 m kg																											*12,100	9,780	8.7 m		
	15 ft lb																											*26,676	21,561	28.7 ft		
	3 m kg																											*12,560	9,230	9.0 m		
	10 ft lb																											*27,690	20,349	29.4 ft		
	1.5 m kg																											*13,500	9,140	8.9 m		
	5 ft lb																											*29,762	20,150	29.3 ft		
	0 m kg																											14,590	9,500	8.6 m		
	0 ft lb																											32,165	20,944	28.3 ft		
	-1.5 m kg																											*15,260	10,490	8.0 m		
	-5 ft lb																											*33,643	23,126	26.4 ft		
	-3 m kg																											*15,320	12,660	7.1 m		
	-10 ft lb																											*33,775	27,910	23.3 ft		
Arm: 2.55m (8'4")	9.0 m kg																											*11,410	*11,410	6.6 m		
	30 ft lb																											*25,155	*25,155	21.6 ft		
	7.5 m kg																											*10,570	*10,570	7.8 m		
	25 ft lb																											*23,303	*23,303	25.7 ft		
	6 m kg																											*10,290	10,160	8.6 m		
	20 ft lb																											*22,686	22,399	28.3 ft		
	4.5 m kg																											*10,400	9,140	9.1 m		
	15 ft lb																											*22,928	20,150	29.9 ft		
	3 m kg																											*10,850	8,640	9.3 m		
	10 ft lb																											*23,920	19,048	30.6 ft		
	1.5 m kg																											*11,670	8,530	9.3 m		
	5 ft lb																											*25,728	18,805	30.5 ft		
	0 m kg																											*13,090	8,820	9.0 m		
	0 ft lb																											*28,858	19,445	29.5 ft		
	-1.5 m kg																											*14,580	9,630	8.4 m		
	-5 ft lb																											*32,143	21,230	27.7 ft		
	-3 m kg																											*14,890	11,370	7.5 m		
	-10 ft lb																											*32,827	25,067	24.8 ft		
	-4.5 m kg																											*14,610	*14,610	6.2 m		
	-15 ft lb																											*32,209	*32,209	20.2 ft		
Shoe: 900mm (36")	7.5 m kg																											*12,630	11,550	8.0 m		
	25 ft lb																											*27,844	25,463	26.3 ft		
	6 m kg																											*12,280	9,810	8.8 m		
	20 ft lb																											*27,073	21,627	28.9 ft		
	4.5 m kg																											*12,350	8,880	9.3 m		
	15 ft lb																											*27,227	19,577	30.4 ft		
	3 m kg																											*12,790	8,420	9.5 m		
	10 ft lb																											*28,197	18,563	31.1 ft		
	1.5 m kg																											12,740	8,340	9.4 m		
	5 ft lb																											28,087	18,387	31.0 ft		
	0 m kg																											13,240	8,630	9.2 m		
	0 ft lb																											29,189	19,026	30.1 ft		
	-1.5 m kg																											*14,120	9,410	8.6 m		
	-5 ft lb																											*31,129	20,745	28.3 ft		
	-3 m kg																											*14,180	11,050	7.7 m		
	-10 ft lb																											*31,262	24,361	25.4 ft		
	-4.5 m kg																											*13,550	*13,550	6.4 m		
	-15 ft lb																											*29,873	*29,873	21.0 ft		

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 EC530E 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 Point	1.5 m, 5 ft		3.0 m, 10 ft		4.5 m, 15 ft		6.0 m, 20 ft		7.5 m, 25 ft		9.0 m, 30 ft		10.5 m, 35 ft		Max. reach			
		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	Max.	
Boom: 7.0m (23'0")	7.5 m kg															*10,710	10,640	8.4 m	
	25 ft lb															*23,611	23,457	27.7 ft	
	6 m kg									*12,850	12,750	*12,170	9,480			*10,510	9,140	9.2 m	
	20 ft lb									*28,329	28,109	*26,830	20,900			*23,171	20,150	30.1 ft	
	4.5 m kg					*22,740	*22,740	*16,800	*16,800	*14,050	12,280	*12,600	9,290			*10,630	8,300	9.6 m	
	15 ft lb					*50,133	*50,133	*37,038	*37,038	*30,975	27,073	*27,778	20,481			*23,435	18,298	31.6 ft	
	3 m kg							*19,280	16,150	*15,390	11,780	*13,260	9,040			*11,050	7,880	9.8 m	
	10 ft lb							*42,505	35,605	*33,929	25,970	*29,233	19,930			*24,361	17,372	32.3 ft	
	1.5 m kg							*21,070	15,480	*16,510	11,370	13,570	8,810			*11,830	7,790	9.8 m	
	5 ft lb							*46,451	34,128	*36,398	25,067	29,917	19,423			*26,081	17,174	32.2 ft	
	0 m kg							*19,930	*19,930	*21,810	15,140	*17,100	11,110	13,420	8,680		12,350	8,020	9.5 m
	0 ft lb							*43,938	*43,938	*48,083	33,378	*37,699	24,493	29,586	19,136		27,227	17,681	31.3 ft
	-1.5 m kg					*15,900	*15,900	*28,200	23,390	*21,490	15,070	*16,960	11,040	13,440	8,700		13,400	8,670	9.0 m
	-5 ft lb					*35,053	*35,053	*62,170	51,566	*47,377	33,224	*37,390	24,339	29,630	19,180		29,542	19,114	29.6 ft
	-3 m kg					*28,620	*28,620	*25,770	23,710	*20,020	15,230	*15,680	11,180			*13,730	10,010	8.2 m	
	-10 ft lb					*63,096	*63,096	*56,813	52,272	*44,136	33,576	*34,568	24,648			*30,269	22,068	26.9 ft	
	-4.5 m kg					*27,510	*27,510	*21,530	*21,530	*16,670	15,680					*13,570	12,910	6.9 m	
	-15 ft lb					*60,649	*60,649	*47,465	*47,465	*36,751	34,568					*29,917	28,462	22.7 ft	
Arm: 3.0m (9'10")	7.5 m kg															*9,400	*9,400	8.8 m	
	25 ft lb															*20,723	*20,723	28.9 ft	
	6 m kg															*9,230	8,690	9.5 m	
	20 ft lb															*20,349	19,158	31.3 ft	
	4.5 m kg							*16,180	*16,180	*13,650	12,430	*12,270	9,400			*9,320	7,940	10.0 m	
	15 ft lb							*35,671	*35,671	*30,093	27,403	*27,051	20,723			*20,547	17,505	32.7 ft	
	3 m kg							*22,850	*22,850	*18,780	16,390	*15,070	11,920	*13,020	9,130		*9,670	7,560	10.2 m
	10 ft lb							*50,376	*50,376	*41,403	36,134	*33,224	26,279	*28,704	20,128		*21,319	16,667	33.4 ft
	1.5 m kg							*16,420	*16,420	*20,780	15,660	*16,310	11,480	13,640	8,880		*10,320	7,470	10.1 m
	5 ft lb							*36,200	*36,200	*45,812	34,524	*35,957	25,309	30,071	19,577		*22,752	16,469	33.3 ft
	0 m kg							*20,970	*20,970	*21,780	15,250	*17,060	11,190	13,450	8,710		*11,370	7,670	9.9 m
	0 ft lb							*46,231	*46,231	*48,017	33,620	*37,611	24,670	29,652	19,202		*25,067	16,909	32.4 ft
	-1.5 m kg					*15,720	*15,720	*28,880	23,410	*21,730	15,120	*17,110	11,070	13,410	8,670		12,680	8,230	9.4 m
	-5 ft lb					*34,657	*34,657	*63,669	51,610	*47,906	33,334	*37,721	24,405	29,564	19,114		27,955	18,144	30.8 ft
	-3 m kg					*20,300	*20,300	*26,320	*26,320	*26,750	23,680	*20,560	15,230	*16,160	11,150		*13,360	9,380	8.6 m
	-10 ft lb					*44,754	*44,754	*58,026	*58,026	*58,974	52,205	*45,327	33,576	*35,627	24,582		*29,454	20,679	28.1 ft
	-4.5 m kg					*30,200	*30,200	*22,960	*22,960	*17,760	15,580					*13,390	11,750	7.4 m	
	-15 ft lb					*66,580	*66,580	*50,618	*50,618	*39,154	34,348					*29,520	25,904	24.2 ft	
	-6 m kg							*15,870	*15,870							*12,290	*12,290	5.6 m	
	-20 ft lb							*34,987	*34,987							*27,095	*27,095	18.2 ft	
Shoe: 900mm (36")	9.0 m kg															*7,930	*7,930	8.4 m	
	30 ft lb															*17,483	*17,483	27.6 ft	
	7.5 m kg															*7,530	*7,530	9.4 m	
	25 ft lb															*21,738	21,716	30.8 ft	
	6 m kg															*10,910	9,720	10.1 m	
	20 ft lb															*24,052	21,429	33.0 ft	
	4.5 m kg															*11,590	9,460	10.5 m	
	15 ft lb															*28,263	27,690	*25,552	20,856
	3 m kg															*16,513	16,204	34.4 ft	
	10 ft lb															*12,450	9,150	*9,520	7,200
	1.5 m kg															*27,448	20,172	*20,988	15,873
	5 ft lb															*13,270	8,860	*9,960	7,060
	0 m kg															*9,030	7,070	10.4 m	
	0 ft lb															*19,908	15,587	34.1 ft	
CWT: 10,600kg (23,370 lb)	-1.5 m kg	*11,000	*11,000	*15,430	*15,430	*28,930	23,190	*21,720	15,010	*17,040	10,970	13,290	8,550			*10,270	7,520	9.9 m	
	-5 ft lb	*24,251	*24,251	*34,017	*34,017	*63,780	51,125	*47,884	33,091	*37,567	24,185	29,299	18,850			*22,641	16,579	32.5 ft	
	-3 m kg	*18,010	*18,010	*23,640	*23,640	*27,750	23,360	*21,000	15,030	*16,520	10,970	*13,060	8,620			*12,390	8,430	9.2 m	
	-10 ft lb	*39,705	*39,705	*52,117	*52,117	*61,178	51,500	*46,297	33,135	*36,420	24,185	*28,792	19,004			*27,315	18,585	30.1 ft	
	-4.5 m kg	*26,130	*26,130	*33,650	*33,650	*24,650	23,790	*18,910	15,280	*14,560	11,200					*12,890	10,220	8.1 m	
	-15 ft lb	*57,607	*57,607	*74,185	*74,185	*54,344	52,448	*41,689	33,687	*32,099	24,692					*28,418	22,531	26.5 ft	
	-6 m kg			*25,190	*25,190	*19,020	*19,020	*14,120	*14,120							*12,560	*12,560	6.4 m	
	-20 ft lb			*55,534	*55,534	*41,932	*41,932	*31,129	*31,129							*27,690	*27,690	21.1 ft	

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 EC530E 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 Point	1.5 m, 5 ft				3.0 m, 10 ft				4.5 m, 15 ft				6.0 m, 20 ft				7.5 m, 25 ft				9.0 m, 30 ft				10.5 m, 35 ft				Max. reach		
		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	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Max.				
Boom: 6.5m (21'4") Arm: 2.55m (8'4") Shoe: 900mm (36") CWT: 10,600kg (23,370 lb) + 700kg (1,540 lb)	9.0 m kg																											*13,710	*13,710	6.1 m		
	30 ft lb																											*30,225	*30,225	19.9 ft		
	7.5 m kg																											*12,460	*12,460	7.4 m		
	25 ft lb																											*27,470	*27,470	24.2 ft		
	6 m kg																											*12,040	11,320	8.2 m		
	20 ft lb																											*26,544	24,956	27.0 ft		
	4.5 m kg																											*12,100	10,140	8.7 m		
	15 ft lb																											*26,676	22,355	28.7 ft		
	3 m kg																											*12,560	9,580	9.0 m		
	10 ft lb																											*27,690	21,120	29.4 ft		
	1.5 m kg																											*13,500	9,490	8.9 m		
	5 ft lb																											*29,762	20,922	29.3 ft		
	0 m kg																											*14,930	9,870	8.6 m		
	0 ft lb																											*32,915	21,760	28.3 ft		
	-1.5 m kg																											*15,260	10,890	8.0 m		
	-5 ft lb																											*33,643	24,008	26.4 ft		
	-3 m kg																											*15,320	13,120	7.1 m		
	-10 ft lb																											*33,775	28,925	23.3 ft		
Boom: 6.5m (21'4") Arm: 3.0m (9'10") Shoe: 900mm (36") CWT: 10,600kg (23,370 lb) + 700kg (1,540 lb)	9.0 m kg																											*11,410	*11,410	6.6 m		
	30 ft lb																											*25,155	*25,155	21.6 ft		
	7.5 m kg																											*10,570	*10,570	7.8 m		
	25 ft lb																											*23,303	*23,303	25.7 ft		
	6 m kg																											*10,290	*10,290	8.6 m		
	20 ft lb																											*22,686	*22,686	28.3 ft		
	4.5 m kg																											*10,400	9,480	9.1 m		
	15 ft lb																											*22,928	20,900	29.9 ft		
	3 m kg																											*10,850	8,970	9.3 m		
	10 ft lb																											*23,920	19,775	30.6 ft		
	1.5 m kg																											*11,670	8,860	9.3 m		
	5 ft lb																											*25,728	19,533	30.5 ft		
	0 m kg																											*13,090	9,170	9.0 m		
	0 ft lb																											*28,858	20,216	29.5 ft		
	-1.5 m kg																											*14,580	10,000	8.4 m		
	-5 ft lb																											*32,143	22,046	27.7 ft		
	-3 m kg																											*14,890	11,800	7.5 m		
	-10 ft lb																											*32,827	26,015	24.8 ft		
	-4.5 m kg																											*14,610	*14,610	6.2 m		
	-15 ft lb																											*32,209	*32,209	20.2 ft		
Boom: 7.0m (23'0") Arm: 2.55m (8'4") Shoe: 900mm (36") CWT: 10,600kg (23,370 lb) + 700kg (1,540 lb)	7.5 m kg																											*12,630	11,950	8.0 m		
	25 ft lb																											*27,844	26,345	26.3 ft		
	6 m kg																											*12,280	10,170	8.8 m		
	20 ft lb																											*27,073	22,421	28.9 ft		
	4.5 m kg																											*12,350	9,210	9.3 m		
	15 ft lb																											*27,227	20,305	30.4 ft		
	3 m kg																											*12,790	8,750	9.5 m		
	10 ft lb																											*28,197	19,290	31.1 ft		
	1.5 m kg																											*13,150	8,670	9.4 m		
	5 ft lb																											*28,991	19,114	31.0 ft		
	0 m kg																											*13,660	8,970	9.2 m		
	0 ft lb																											*30,115	19,775	30.1 ft		
	-1.5 m kg																											*14,120	9,780	8.6 m		
	-5 ft lb																											*31,129	21,561	28.3 ft		
	-3 m kg																											*14,180	11,470	7.7 m		
	-10 ft lb																											*31,262	25,287	25.4 ft		
	-4.5 m kg																											*13,550	*13,550	6.4 m		
	-15 ft lb																											*29,873	*29,873	21.0 ft		

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 EC530E 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 Point	1.5 m, 5 ft		3.0 m, 10 ft		4.5 m, 15 ft		6.0 m, 20 ft		7.5 m, 25 ft		9.0 m, 30 ft		10.5 m, 35 ft		Max. reach			
		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	Max.	
Boom: 7.0m (23'0") Arm: 3.0m (9'10") Shoe: 900mm (36") CWT: 10,600kg (23,370 lb) + 700kg (1,540 lb)	7.5 m kg															*10,710	*10,710	8.4 m	
	25 ft lb																*23,611	*23,611	27.7 ft
	6 m kg																*10,510	9,480	9.2 m
	20 ft lb																*23,171	20,900	30.1 ft
	4.5 m kg																*10,630	8,620	9.6 m
	15 ft lb																*23,435	19,004	31.6 ft
	3 m kg																*11,050	8,200	9.8 m
	10 ft lb																*24,361	18,078	32.3 ft
	1.5 m kg																*11,830	8,100	9.8 m
	5 ft lb																*26,081	17,857	32.2 ft
	0 m kg																12,750	8,350	9.5 m
	0 ft lb																28,109	18,409	31.3 ft
	-1.5 m kg																*13,490	9,020	9.0 m
	-5 ft lb																*29,740	19,886	29.6 ft
	-3 m kg																*13,730	10,400	8.2 m
	-10 ft lb																*30,269	22,928	26.9 ft
	-4.5 m kg																*13,570	13,390	6.9 m
	-15 ft lb																*29,917	29,520	22.7 ft
Boom: 7.0m (23'0") Arm: 3.35m (11'0") Shoe: 900mm (36") CWT: 10,600kg (23,370 lb) + 700kg (1,540 lb)	7.5 m kg																*9,400	*9,400	8.8 m
	25 ft lb																*20,723	*20,723	28.9 ft
	6 m kg																*9,230	9,020	9.5 m
	20 ft lb																*20,349	19,886	31.3 ft
	4.5 m kg																*9,320	8,250	10.0 m
	15 ft lb																*20,547	18,188	32.7 ft
	3 m kg																*9,670	7,860	10.2 m
	10 ft lb																*21,319	17,328	33.4 ft
	1.5 m kg																*10,320	7,770	10.1 m
	5 ft lb																*22,752	17,130	33.3 ft
	0 m kg																*11,370	7,980	9.9 m
	0 ft lb																*25,067	17,593	32.4 ft
	-1.5 m kg																*13,060	8,560	9.4 m
	-5 ft lb																*28,792	18,872	30.8 ft
	-3 m kg																*13,360	9,750	8.6 m
	-10 ft lb																*29,454	21,495	28.1 ft
	-4.5 m kg																*13,390	12,200	7.4 m
	-15 ft lb																*29,520	26,896	24.2 ft
	-6 m kg																*12,290	*12,290	5.6 m
	-20 ft lb																*27,095	*27,095	18.2 ft
Boom: 7.0m (23'0") Arm: 3.9m (12'10") Shoe: 900mm (36") CWT: 10,600kg (23,370 lb) + 700kg (1,540 lb)	9.0 m kg																*7,930	*7,930	8.4 m
	30 ft lb																*17,483	*17,483	27.6 ft
	7.5 m kg																*7,530	*7,530	9.4 m
	25 ft lb																*16,601	*16,601	30.8 ft
	6 m kg																*7,410	*7,410	10.1 m
	20 ft lb																*16,336	*16,336	33.0 ft
	4.5 m kg																*7,490	*7,490	10.5 m
	15 ft lb																*16,513	*16,513	34.4 ft
	3 m kg																*24,690	*24,690	17,170
	10 ft lb																*14,350	12,430	20,944
	1.5 m kg																*31,636	27,403	27,448
	5 ft lb																*15,740	11,940	13,270
	0 m kg																*16,710	11,590	13,820
	0 ft lb																*16,710	11,590	13,820
	-1.5 m kg	*11,000	*11,000	*15,430	*15,430	*28,930	24,070	*21,720	15,590	*17,040	11,400	13,710	8,900				*9,030	7,360	10.4 m
	-5 ft lb	*24,251	*24,251	*34,017	*34,017	*63,780	53,065	*47,884	34,370	*37,567	25,133	30,225	19,621				*10,270	7,830	9.9 m
	-3 m kg	*18,010	*18,010	*23,640	*23,640	*27,750	24,230	*21,000	15,610	*16,520	11,400	13,060	8,970				*12,390	8,770	9.2 m
	-10 ft lb	*39,705	*39,705	*52,117	*52,117	*61,178	53,418	*46,297	34,414	*36,420	25,133	*28,792	19,775				*12,890	10,610	8.1 m
	-4.5 m kg	*26,130	*26,130	*33,650	*33,650	*24,650	*24,650	*18,910	15,860	*14,560	11,640						*19,908	16,226	34.1 ft
	-15 ft lb	*57,607	*57,607	*74,185	*74,185	*54,344	*54,344	*41,689	34,965	*32,099	25,662						*18,188	15,873	34.9 ft
	-6 m kg			*25,190	*25,190	*19,020	*19,020	*14,120	*14,120								*12,560	*12,560	6.4 m
	-20 ft lb			*55,534	*55,534	*41,932	*41,932	*31,129	*31,129								*27,690	*27,690	21.1 ft

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 EC550E 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 Point	1.5 m, 5 ft		3.0 m, 10 ft		4.5 m, 15 ft		6.0 m, 20 ft		7.5 m, 25 ft		9.0 m, 30 ft		10.5 m, 35 ft		Max. reach			
		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: 6.5 m (21'4")	7.5 m kg															*12,519	*12,519	7.3 m	
	25 ft lb															*27,600	*27,600	24.0 ft	
	6.0 m kg							*15,232	*15,232	*14,002	*14,002					*12,043	*12,043	8.2 m	
	20 ft lb							*33,580	*33,580	*30,870	*30,870					*26,550	*26,550	26.9 ft	
	4.5 m kg					*22,720	*22,720	*17,300	*17,300	*14,823	14,080					*12,070	11,399	8.7 m	
	15 ft lb					*50,090	*50,090	*38,140	*38,140	*32,680	31,040					*26,610	25,130	28.6 ft	
	3.0 m kg					*26,925	*26,925	*19,591	18,960	*15,939	13,671					*12,528	10,755	9.0 m	
	10 ft lb					*59,360	*59,360	*43,190	41,800	*35,140	30,140					*27,620	23,710	29.4 ft	
	1.5 m kg					*20,761	*20,761	*21,278	18,334	*16,874	13,327					*13,467	10,655	8.9 m	
	5 ft lb					*45,770	*45,770	*46,910	40,420	*37,200	29,380					*29,690	23,490	29.3 ft	
	0 m kg					*29,515	28,236	*21,890	18,026	*17,227	13,131					*14,928	11,099	8.6 m	
	0 ft lb					*65,070	62,250	*48,260	39,740	*37,980	28,950					*32,910	24,470	28.3 ft	
	-1.5 m kg					*22,326	*22,326	*27,896	*27,896	*21,246	18,008	*16,511	13,154			*15,263	12,292	8.0 m	
	-5 ft lb					*49,220	*49,220	*61,500	*61,500	*46,840	39,700	*36,400	29,000			*33,650	27,100	26.3 ft	
	-3.0 m kg					*31,747	*31,747	*24,589	*24,589	*18,833	18,289					*15,318	14,955	7.0 m	
	-10 ft lb					*69,990	*69,990	*54,210	*54,210	*41,520	40,320					*33,770	32,970	23.1 ft	
Boom: 6.5 m (21'4")	7.5 m kg											*11,884	*11,884			*10,600	*10,600	7.7 m	
	25 ft lb											*26,200	*26,200			*23,370	*23,370	25.4 ft	
	6.0 m kg											*13,113	*13,113			*10,297	*10,297	8.6 m	
	20 ft lb											*28,910	*28,910			*22,700	*22,700	28.2 ft	
	4.5 m kg					*20,924	*20,924	*16,302	*16,302	*14,075	*14,075					*10,387	*10,387	9.1 m	
	15 ft lb					*46,130	*46,130	*35,940	*35,940	*31,030	*31,030					*22,900	*22,900	29.8 ft	
	3.0 m kg					*25,964	*25,964	*18,711	*18,711	*15,309	13,644	*13,485	10,378			*10,818	10,074	9.3 m	
	10 ft lb					*57,240	*57,240	*41,250	*41,250	*33,750	30,080	*29,730	22,880			*23,850	22,210	30.6 ft	
	1.5 m kg					*28,200	*28,200	*20,643	18,280	*16,397	13,245	*13,912	10,197			*11,653	9,961	9.3 m	
	5 ft lb					*62,170	*62,170	*45,510	40,300	*36,150	29,200	*30,670	22,480			*25,690	21,960	30.5 ft	
	0 m kg					*29,506	27,964	*21,591	17,872	*16,987	12,986					*13,082	10,315	9.0 m	
	0 ft lb					*65,050	61,650	*47,600	39,400	*37,450	28,630					*28,840	22,740	29.5 ft	
	-1.5 m kg					*22,389	*22,389	*28,427	28,000	*21,346	17,772	*16,697	12,932			*14,588	11,299	8.4 m	
	-5 ft lb					*49,360	*49,360	*62,670	61,730	*47,060	39,180	*36,810	28,510			*32,160	24,910	27.7 ft	
	-3.0 m kg					*34,582	*34,582	*25,710	*25,710	*19,577	17,967					*14,896	13,435	7.5 m	
	-10 ft lb					*76,240	*76,240	*56,680	*56,680	*43,160	39,610					*32,840	29,620	24.6 ft	
	-4.5 m kg					*20,298	*20,298									*14,560	*14,560	6.1 m	
	-15 ft lb					*44,750	*44,750									*32,100	*32,100	19.9 ft	
Boom: 7.0 m (22'12")	7.5 m kg											*13,109	*13,109			*12,673	*12,673	7.9 m	
	25 ft lb											*28,900	*28,900			*27,940	*27,940	26.0 ft	
	6.0 m kg											*13,490	*13,490			*12,283	11,462	8.7 m	
	20 ft lb											*29,740	*29,740			*27,080	25,270	28.7 ft	
	4.5 m kg							*17,427	*17,427	*14,538	13,957	*13,163	10,551			*12,333	10,351	9.3 m	
	15 ft lb							*38,420	*38,420	*32,050	30,770	*29,020	23,260			*27,190	22,820	30.4 ft	
	3.0 m kg							*19,736	18,611	*15,740	13,508	*13,608	10,365			*12,764	9,820	9.5 m	
	10 ft lb							*43,510	41,030	*34,700	29,780	*30,000	22,850			*28,140	21,650	31.1 ft	
	1.5 m kg							*21,264	18,017	*16,692	13,145	13,993	10,192			13,345	9,734	9.4 m	
	5 ft lb							*46,880	39,720	*36,800	28,980	30,850	22,470			29,420	21,460	31.0 ft	
	0 m kg							*17,445	*17,445	*21,700	17,754	*17,082	12,946	*13,921	10,120		13,866	10,083	9.2 m
	0 ft lb							*38,460	*38,460	*47,840	39,140	*37,660	28,540	30,690	22,310		30,570	22,230	30.1 ft
	-1.5 m kg							*14,397	*14,397	*27,143	*27,143	*21,060	17,758	*16,624	12,932		*14,129	11,027	8.6 m
	-5 ft lb							*31,740	*31,740	*59,840	*59,840	*46,430	39,150	*36,650	28,510		*31,150	24,310	28.2 ft
	-3.0 m kg							*30,159	*30,159	*24,326	*24,326	*19,114	17,999	*14,501	13,200		*14,179	13,018	7.7 m
	-10 ft lb							*66,490	*66,490	*53,630	*53,630	*42,140	39,680	*31,970	29,100		*31,260	28,700	25.3 ft
	-4.5 m kg							*23,691	*23,691	*19,255	*19,255	*14,397	*14,397			*13,476	*13,476	6.3 m	
	-15 ft lb							*52,230	*52,230	*42,450	*42,450	*31,740	*31,740			*29,710	*29,710	20.7 ft	

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 EC550E 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 Point	1.5 m, 5 ft		3.0 m, 10 ft		4.5 m, 15 ft		6.0 m, 20 ft		7.5 m, 25 ft		9.0 m, 30 ft		10.5 m, 35 ft		Max. reach					
		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	Max.			
Boom: 7.0 m (22'12") Arm: 3.0 m (9'10") Shoe: 900 mm (36") CWT: 10,600 kg (23,370 lb)	7.5 m kg															*10,746	*10,746	8.4 m			
	25 ft lb															*23,690	*23,690	27.5 ft			
	6.0 m kg									*12,710	*12,710	*10,610	*10,610			*10,505	*10,505	9.1 m			
	20 ft lb									*28,020	*28,020	*23,390	*23,390			*23,160	*23,160	30.0 ft			
	4.5 m kg					*22,040	*22,040	*16,447	*16,447	*13,844	*13,844	*12,492	10,541			*10,605	9,698	9.6 m			
	15 ft lb					*48,590	*48,590	*36,260	*36,260	*30,520	*30,520	*27,540	23,240			*23,380	21,380	31.6 ft			
	3.0 m kg							*18,879	18,652	*15,136	13,472	*13,100	10,301			*11,022	9,208	9.8 m			
	10 ft lb							*41,620	41,120	*33,370	29,700	*28,880	22,710			*24,300	20,300	32.3 ft			
	1.5 m kg							*20,666	17,940	*16,230	13,054	*13,644	10,083			*11,802	9,108	9.8 m			
	5 ft lb							*45,560	39,550	*35,780	28,780	*30,080	22,230			*26,020	20,080	32.2 ft			
	0 m kg							*21,119	*21,119	*21,432	17,581	*16,819	12,796			12,946	9,394	9.5 m			
	0 ft lb							*46,560	*46,560	*47,250	38,760	*37,080	28,210	30,320	21,940		28,540	20,710	31.3 ft		
	-1.5 m kg					*16,393	*16,393	*27,796	27,656	*21,137	17,509	*16,656	12,728			*13,499	10,179	9.0 m			
	-5 ft lb					*36,140	*36,140	*61,280	60,970	*46,600	38,600	*36,720	28,060			*29,760	22,440	29.6 ft			
	-3.0 m kg					*29,438	*29,438	*25,351	*25,351	*19,641	17,681	*15,286	12,882			*13,739	11,802	8.2 m			
	-10 ft lb					*64,900	*64,900	*55,890	*55,890	*43,300	38,980	*33,700	28,400			*30,290	26,020	26.8 ft			
	-4.5 m kg					*26,912	*26,912	*21,010	*21,010	*16,130	*16,130					*13,544	*13,544	6.9 m			
	-15 ft lb					*59,330	*59,330	*46,320	*46,320	*35,560	*35,560					*29,860	*29,860	22.5 ft			
Boom: 7.0 m (22'12") Arm: 3.35 m (10'12") Shoe: 900 mm (36") CWT: 10,600 kg (23,370 lb)	7.5 m kg															*9,430	*9,430	8.7 m			
	25 ft lb															*20,790	*20,790	28.7 ft			
	6.0 m kg									*12,238	*12,238	*11,666	10,850			*9,231	*9,231	9.5 m			
	20 ft lb									*26,980	*26,980	*25,720	23,920			*20,350	*20,350	31.2 ft			
	4.5 m kg									*15,844	*15,844	*13,440	*13,440	*12,152	10,650		*9,317	9,271	10.0 m		
	15 ft lb									*34,930	*34,930	*29,630	*29,630	*26,790	23,480		*20,540	20,440	32.7 ft		
	3.0 m kg									*26,009	*26,009	*18,389	*18,389	*14,823	13,608	*12,855	10,387		*9,662	8,827	10.2 m
	10 ft lb									*57,340	*57,340	*40,540	*40,540	*32,680	30,000	*28,340	22,900		*21,300	19,460	33.4 ft
	1.5 m kg									*17,867	*17,867	*20,384	18,126	*16,034	13,163	*13,503	10,147		*10,306	8,727	10.1 m
	5 ft lb									*39,390	*39,390	*44,940	39,960	*35,350	29,020	*29,770	22,370		*22,720	19,240	33.3 ft
	0 m kg									*22,113	*22,113	*21,405	17,699	*16,774	12,868	13,785	9,984		*11,367	8,977	9.9 m
	0 ft lb									*48,750	*48,750	*47,190	39,020	*36,980	28,370	30,390	22,010		*25,060	19,790	32.4 ft
	-1.5 m kg					*16,152	*16,152	*28,445	27,687	*21,369	17,563	*16,810	12,750	*13,549	9,956		*13,063	9,657	9.4 m		
	-5 ft lb					*35,610	*35,610	*62,710	61,040	*47,110	38,720	*37,060	28,110	*29,870	21,950		*28,800	21,290	30.7 ft		
	-3.0 m kg					*20,648	*20,648	*27,034	*27,034	*26,308	*26,308	*20,176	17,672	*15,803	12,841		*13,367	11,045	8.5 m		
	-10 ft lb					*45,520	*45,520	*59,600	*59,600	*58,000	*58,000	*44,480	38,960	*34,840	28,310		*29,470	24,350	28.0 ft		
	-4.5 m kg					*29,561	*29,561	*22,444	*22,444	*17,268	*17,268					*13,376	*13,376	7.3 m			
	-15 ft lb					*65,170	*65,170	*49,480	*49,480	*38,070	*38,070					*29,490	*29,490	24.0 ft			
	-6.0 m kg							*14,978	*14,978							*12,115	*12,115	5.4 m			
	-20 ft lb							*33,020	*33,020							*26,710	*26,710	17.7 ft			
Boom: 7.0 m (22'12") Arm: 3.9 m (12'10") Shoe: 900 mm (36") CWT: 10,600 kg (23,370 lb)	7.5 m kg															*7,552	*7,552	9.3 m			
	25 ft lb															*19,450	*19,450	30.6 ft			
	6.0 m kg															*10,850	*10,850	10.0 m			
	20 ft lb															*23,920	*23,920	32.9 ft			
	4.5 m kg															*12,628	*12,628	10.7 m			
	15 ft lb															*27,840	*27,840	*25,300	23,630		
	3.0 m kg																*7,480	*7,480	10.5 m		
	10 ft lb															*14,111	13,694	*12,292	10,419		
	1.5 m kg															*15,477	13,195	*13,077	10,133		
	5 ft lb															*51,690	*51,690	*43,240	40,200		
	0 m kg															*34,120	29,090	*28,830	22,340		
	0 ft lb															*23,827	*23,827	*20,997	17,686		
	-1.5 m kg															*16,429	12,832	*13,617	9,920		
	-5 ft lb															*52,530	*52,530	*46,290	38,990		
	-3.0 m kg															*36,220	28,290	*30,020	21,870		
	-10 ft lb															*11,140	*11,140	*15,808	*28,867		
	-4.5 m kg															*24,560	*24,560	*34,850	*34,850		
	-15 ft lb															*18,293	*18,293	*24,235	*24,235		
	-6.0 m kg															*40,330	*40,330	*53,430	*53,430		
	-20 ft lb															*26,658	*26,658	*32,958	*32,958		

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 EC550E 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 Point	1.5 m, 5 ft				3.0 m, 10 ft				4.5 m, 15 ft				6.0 m, 20 ft				7.5 m, 25 ft				9.0 m, 30 ft				10.5 m, 35 ft				Max. reach		
		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	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Max.				
Boom : 6.5m (21'4")	9.0 m kg																											*13,710	*13,710	6.1 m		
	30 ft lb																											*30,225	*30,225	19.9 ft		
	7.5 m kg																											*12,460	*12,460	7.4 m		
	25 ft lb																											*27,470	*27,470	24.2 ft		
	6 m kg																											*12,040	*12,040	8.2 m		
	20 ft lb																											*26,544	*26,544	27.0 ft		
	4.5 m kg																											*12,100	11,740	8.7 m		
	15 ft lb																											*26,676	25,882	28.7 ft		
	3 m kg																											*12,560	11,120	9.0 m		
	10 ft lb																											*27,690	24,515	29.4 ft		
	1.5 m kg																											*13,500	11,030	8.9 m		
	5 ft lb																											*29,762	24,317	29.3 ft		
	0 m kg																											*14,930	11,490	8.6 m		
	0 ft lb																											*32,915	25,331	28.3 ft		
	-1.5 m kg																											*15,260	12,690	8.0 m		
	-5 ft lb																											*33,643	27,977	26.4 ft		
	-3 m kg																											*15,320	*15,320	7.1 m		
	-10 ft lb																											*33,775	*33,775	23.3 ft		
Arm : 2.55m (8'4")	9.0 m kg																											*11,410	*11,410	6.6 m		
	30 ft lb																											*25,155	*25,155	21.6 ft		
	7.5 m kg																											*10,570	*10,570	7.8 m		
	25 ft lb																											*23,303	*23,303	25.7 ft		
	6 m kg																											*10,290	*10,290	8.6 m		
	20 ft lb																											*22,686	*22,686	28.3 ft		
	4.5 m kg																											*10,400	*10,400	9.1 m		
	15 ft lb																											*22,928	*22,928	29.9 ft		
	3 m kg																											*10,850	10,420	9.3 m		
	10 ft lb																											*23,920	22,972	30.6 ft		
	1.5 m kg																											*11,670	10,320	9.3 m		
	5 ft lb																											*25,728	22,752	30.5 ft		
	0 m kg																											*13,090	10,690	9.0 m		
	0 ft lb																											*28,858	23,567	29.5 ft		
	-1.5 m kg																											*14,580	11,680	8.4 m		
	-5 ft lb																											*32,143	25,750	27.7 ft		
	-3 m kg																											*14,890	13,800	7.5 m		
	-10 ft lb																											*32,827	30,424	24.8 ft		
	-4.5 m kg																											*14,610	*14,610	6.2 m		
	-15 ft lb																											*32,209	*32,209	20.2 ft		
Shoe : 900mm (36")	7.5 m kg																											*12,630	*12,630	8.0 m		
	25 ft lb																											*27,844	*27,844	26.3 ft		
	6 m kg																											*12,280	11,750	8.8 m		
	20 ft lb																											*27,073	25,904	28.9 ft		
	4.5 m kg																											*12,350	10,670	9.3 m		
	15 ft lb																											*27,227	23,523	30.4 ft		
	3 m kg																											*12,790	10,160	9.5 m		
	10 ft lb																											*28,197	22,399	31.1 ft		
	1.5 m kg																											*13,580	10,080	9.4 m		
	5 ft lb																											*29,939	22,223	31.0 ft		
	0 m kg																											*13,870	10,450	9.2 m		
	0 ft lb																											*30,578	23,038	30.1 ft		
	-1.5 m kg																											*14,120	11,390	8.6 m		
	-5 ft lb																											*31,129	25,111	28.3 ft		
	-3 m kg																											*14,180	13,380	7.7 m		
	-10 ft lb																											*31,262	29,498	25.4 ft		
	-4.5 m kg																											*13,550	*13,550	6.4 m		
	-15 ft lb																											*29,873	*29,873	21.0 ft		

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 EC550E 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 Point	1.5 m, 5 ft		3.0 m, 10 ft		4.5 m, 15 ft		6.0 m, 20 ft		7.5 m, 25 ft		9.0 m, 30 ft		10.5 m, 35 ft		Max. reach					
		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	Max.			
Boom : 7.0m (23'0")	7.5 m kg															*10,710	*10,710	8.4 m			
	25 ft lb															*23,611	*23,611	27.7 ft			
	6 m kg									*12,850	*12,850	*12,170	11,360			*10,510	*10,510	9.2 m			
	20 ft lb									*28,329	*28,329	*26,830	25,044			*23,171	*23,171	30.1 ft			
	4.5 m kg					*22,740	*22,740	*16,800	*16,800	*14,050	*14,050	*12,600	11,170			*10,630	10,000	9.6 m			
	15 ft lb					*50,133	*50,133	*37,038	*37,038	*30,975	*30,975	*27,778	24,626			*23,435	22,046	31.6 ft			
	3 m kg									*19,280	*19,280	*15,390	14,240	*13,260	10,910		*11,050	9,530	9.8 m		
	10 ft lb									*42,505	*42,505	*33,929	31,394	*29,233	24,052		*24,361	21,010	32.3 ft		
	1.5 m kg									*21,070	18,980	*16,510	13,810	*13,850	10,680		*11,830	9,440	9.8 m		
	5 ft lb									*46,451	41,844	*36,398	30,446	*30,534	23,545		*26,081	20,812	32.2 ft		
	0 m kg									*19,930	*19,930	*21,810	18,630	*17,100	13,550	*14,080	10,540		*13,110	9,740	9.5 m
	0 ft lb									*43,938	*43,938	*48,083	41,072	*37,699	29,873	*31,041	23,237		*28,903	21,473	31.3 ft
	-1.5 m kg									*15,900	*15,900	*28,200	*28,200	*21,490	18,560	*16,960	13,470	*13,550	10,560		
	-5 ft lb									*35,053	*35,053	*62,170	*62,170	*47,377	40,918	*37,390	29,696	*29,873	23,281		
	-3 m kg									*28,620	*28,620	*25,770	*25,770	*20,020	18,730	*15,680	13,620		*13,730	12,150	8.2 m
	-10 ft lb									*63,096	*63,096	*56,813	*56,813	*44,136	41,293	*34,568	30,027		*30,269	26,786	26.9 ft
	-4.5 m kg									*27,510	*27,510	*21,530	*21,530	*16,670	*16,670				*13,570	*13,570	6.9 m
	-15 ft lb									*60,649	*60,649	*47,465	*47,465	*36,751	*36,751				*29,917	*29,917	22.7 ft
Arm : 3.0m (9'10")	7.5 m kg															*9,400	*9,400	8.8 m			
	25 ft lb															*20,723	*20,723	28.9 ft			
	6 m kg															*9,230	*9,230	9.5 m			
	20 ft lb															*20,349	*20,349	31.3 ft			
	4.5 m kg									*16,180	*16,180	*13,650	*13,650	*12,270	11,280		*9,320	*9,320	10.0 m		
	15 ft lb									*35,671	*35,671	*30,093	*30,093	*27,051	24,868		*20,547	*20,547	32.7 ft		
	3 m kg									*22,850	*22,850	*18,780	*18,780	*15,070	14,380	*13,020	11,000		*9,670	9,140	10.2 m
	10 ft lb									*50,376	*50,376	*41,403	*41,403	*33,224	31,702	*28,704	24,251		*21,319	20,150	33.4 ft
	1.5 m kg									*16,420	*16,420	*20,780	19,170	*16,310	13,920	*13,700	10,740		*10,320	9,050	10.1 m
	5 ft lb									*36,200	*36,200	*45,812	42,263	*35,957	30,688	*30,203	23,678		*22,752	19,952	33.3 ft
	0 m kg									*20,970	*20,970	*21,780	18,750	*17,060	13,620	*14,080	10,570		*11,370	9,300	9.9 m
	0 ft lb									*46,231	*46,231	*48,017	41,337	*37,611	30,027	*31,041	23,303		*25,067	20,503	32.4 ft
	-1.5 m kg									*15,720	*15,720	*28,880	*28,880	*21,730	18,610	*17,110	13,500	*13,850	10,530		
	-5 ft lb									*34,657	*34,657	*63,669	*63,669	*47,906	41,028	*37,721	29,762	*30,534	23,215		
	-3 m kg									*20,300	*20,300	*26,320	*26,320	*26,750	*26,750	*20,560	18,720	*16,160	13,580		
	-10 ft lb									*44,754	*44,754	*58,026	*58,026	*58,974	*58,974	*45,327	41,270	*35,627	29,939		
	-4.5 m kg									*30,200	*30,200	*22,960	*22,960	*17,760	*17,760				*13,390	*13,390	7.4 m
	-15 ft lb									*66,580	*66,580	*50,618	*50,618	*39,154	*39,154				*29,520	*29,520	24.2 ft
	-6 m kg									*15,870	*15,870							*12,290	*12,290	5.6 m	
	-20 ft lb									*34,987	*34,987							*27,095	*27,095	18.2 ft	
Shoe : 900mm (36")	9.0 m kg																*7,930	*7,930	8.4 m		
	30 ft lb																*17,483	*17,483	27.6 ft		
	7.5 m kg																*7,530	*7,530	9.4 m		
	25 ft lb																*21,738	*21,738	30.8 ft		
	6 m kg																*10,910	*10,910			
	20 ft lb																*24,052	*24,052			
	4.5 m kg																*11,590	11,350			
	15 ft lb																*7,490	*7,490	10.5 m		
	3 m kg																*28,263	*28,263	25,552		
	10 ft lb																*16,513	*16,513	34.4 ft		
	1.5 m kg																*24,500	*24,500			
	5 ft lb																*9,520	8,710			
	0 m kg																*7,750	*7,750			
	0 ft lb																*27,448	24,317			
CWT : 10,600kg (23,370 lb)+ 700kg (1,540 lb)	9.0 m kg																*20,988	19,202			
	30 ft lb																*17,086	*17,086			
	7.5 m kg																*10,270	9,150			
	25 ft lb																*12,390	10,240			
	6 m kg																*19,908	18,938			
	20 ft lb																*10,270	9,150			
	4.5 m kg																*22,641	20,172			
	15 ft lb																*27,315	22,575			
	3 m kg																*12,890	12,410			
	10 ft lb																*28,418	27,359			
	4.5 m kg																*12,560	*12,560	6.4 m		
	15 ft lb																*27,690	*27,690	21.1 ft		
	3 m kg																				
	10 ft lb																				
	4.5 m kg																				
	15 ft lb																				
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Equipment

STANDARD EQUIPMENT			STANDARD EQUIPMENT		
	EC530E	EC550E		EC530E	EC550E
Engine					
Turbocharged, 4 stroke diesel engine with water cooling, direct injection and charged air cooler that meets Tier 4f requirements	•	•	New electro-hydraulic system with no pilot lines	•	•
Air filter with indicator	•	•	Overload warning device	•	•
Air intake heater	•	•	2-pump flow bucket circuit	•	•
Cyclone pre-cleaner	•	•	Swing anti-rebound valves	•	•
Electric engine shut-off	•	•	Multi-stage filtering system	•	•
Alternator, 80 A	•	•	Cylinder cushioning	•	•
1,000hr engine oil and engine oil filter change intervals	•	•	Cylinder contamination seals	•	•
Block heater: 120 V	•	•	Boom/Swing and Boom/Travel priorities	•	•
Water separator with heater	•	•	Automatic two-speed travel motors	•	•
Delayed engine Shutdown	•	•	Hydraulic oil, ISO VG 46	•	•
Electric / Electronic control system					
Advanced mode control system	•	•	Automatic hydraulic oil warm-up	•	•
Self-diagnostic system	•	•	Boom and arm bouncing reduction	•	•
Machine status indication	•	•	Boom float function	•	•
Engine speed sensing power control	•	•	High pressure line for hammer and shear (X1):	•	•
Automatic idling system	•	•	- 2 pump flow	•	•
One-touch power boost	•	•	- Variable flow and pressure pre-setting	•	•
Safety stop/start function	•	•	Cab and interior		
Adjustable LCD color monitor	•	•	ROPS (ISO12117-2) certified cab	•	•
Master electrical disconnect switch with LOTO bracket	•	•	Silicon oil and rubber mounts with spring	•	•
Engine restart prevention circuit	•	•	Travel pedals and hand levers	•	•
High-capacity halogen lights:	•	•	Adjustable operator seat and joystick control console	•	•
- Deck 2, Cab 3, Counterweight 1	•	•	Heater & air-conditioner, automatic	•	•
- Boom 4	•	•	Flexible antenna	•	•
Batteries, 2 x 12 V / 200 Ah	•	•	Radio with MP3 & USB Jack with bluetooth	•	•
Start motor, 24 V / 7 kW	•	•	Hydraulic safety lock lever	•	•
Dig Assist Start	•	•	Cab, all-weather sound suppressed, includes:	•	•
Travel alarm	•	•	- Cup holders	•	•
Frame					
3-point right-hand side access	•	•	- Door locks	•	•
Full height, foldable handrail and guard rail	•	•	- Tinted glass	•	•
Tool storage area	•	•	- Floor mat	•	•
Punched metal anti-slip plates	•	•	- Horn	•	•
Undercover (heavy-duty)	•	•	- Large storage area	•	•
Cabin entrance, bolted on	•	•	- Pull-up type front window	•	•
Fixed counterweight	•	•	- Removable lower windshield	•	•
Undercarriage					
Retractable lower frame	•	-	- Seat belt	•	•
Retractable lower frame, wide width	-	•	- Safety glass	•	•
Undercover (heavy-duty)	•	•	- Sun screens, front, roof, rear	•	•
Track adjusters	•	•	- Rain shield	•	•
Greased and sealed track link	•	•	- Windshield wiper with intermittent feature	•	•
Standard Track Guard	•	•	- Volvo Smart View camera	•	•
Track shoes					
900 mm (36") with triple grousers	•	•	- Master key	•	•
Digging equipment					
Boom: 7.0 m (23'0")	•	•	Fabric seat with heater and air suspension	•	•
Arm: 3.35 m (11'0")	•	•	Joystick pattern change	•	•
Manual centralized lubrication	•	•	Opening top hatch	•	•
Linkage with lifting eye	•	•	Creep Travel Speed	•	•
Caretrack	•	•			

Equipment

OPTIONAL EQUIPMENT

	EC530E	EC550E
Engine		
Oil bath pre-cleaner	•	•
Diesel coolant heater, 10 kW	•	•
Auto engine shutdown	•	•
Reversible fan drive	•	•
Fuel tank-fast fuel fill preparation	•	•
Fuel filler pump: 50 l/min (13.2 gal/min), with automatic shut-off	•	•
Electric		
LED work lights	•	•
- Deck 2, Cab 3	•	•
- Boom 4	•	•
- Counterweight-mounted 1	•	•
Anti-theft system	•	•
Flashing beacon, LED	•	•
Green light beacon (seat belt indicator)	•	•
Jump start connector, NATO	•	•
Dig Assist : 2D, In-Field Design and 3D	•	•
On-Board Weighing	•	•
Side view and rear view cameras	•	•
Frame		
Hydraulically removable counterweight	•	•
Service walk way, foldable	•	•
Cab entrance, foldable	•	•
Auxiliary counterweight	•	•
Undercarriage		
Full track guard	•	•
Hydraulic system		
Hose rupture valve: boom, Arm	•	•
Hydraulic piping:	•	•
- Work tool management system (up to 32 programmable memories)	•	•
Low pressure line for slope & rotator (X3):	•	•
Oil leak (drain) line	•	•
Quick coupler piping	•	•
Volvo hydraulic quick coupler S3	•	•
Volvo hydraulic quick coupler VQC-HU	•	•
Hydraulic oil, ISO VG 32	•	•
Hydraulic oil, ISO VG 68	•	•
Hydraulic oil, biodegradable 46	•	•

OPTIONAL EQUIPMENT

	EC530E	EC550E
Cab and interior		
Cabin air filter, HEPA	•	•
Deluxe seat	•	•
Seat with heater only	•	•
Delux seat with multiple adjusting arm rest	•	•
Comfort Driving Control	•	•
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	•	•
Lower wiper with intermittent control	•	•
Anti-vandalism kit	•	•
One piece front window cab	•	•
High visibility cab	•	•
Track shoes		
Track shoes 600/750 (24"/30") with triple grousers	•	•
Track shoes 600 mm (24") with double grousers	•	•
Digging equipment		
Boom: 6.5 m (21'4")	•	•
Arm: 2.55 m (8'4"), 3.0 m (9'10"), 3.9 m (12'10")	•	•
Service		
Tool kit, daily maintenance	•	•
Tool kit, full scale	•	•
Automatic lubrication system	•	•
Air pressure supply in cabin	•	•

SELECTION OF VOLVO OPTIONAL EQUIPMENT

Deluxe seat



Climate control with HEPA filter



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.

V O L V O