Volvo Construction Equipment
Building Tomorrow

EC750E

Volvo Excavators 72.8-75.3 t / 160,496-166,008 lb 527 hp

A passion for performance

At Volvo Construction Equipment, we're not just coming along for the ride. Developing products and services that raise productivity – we are confident we can lower costs and increase profits for customers around the globe. Part of the Volvo Group, we are passionate about innovative solutions to help you work smarter – not harder.

Helping you to do more

Doing more with less is a trademark of Volvo Construction Equipment. High productivity has long been married to low energy consumption, ease of use and durability. When it comes to lowering life-cycle costs, Volvo is in a class of its own.

Designed to fit your needs

There is a lot riding on creating solutions that are suited to the particular needs of different industry applications. Innovation often involves high technology – but it doesn't always have to. Some of our best ideas have been simple, based on a clear and deep understanding of our customers' working lives.

You learn a lot in 180 years

Over the years, Volvo has advanced solutions that have revolutionized the use of construction equipment. No other name speaks Safety louder than Volvo. Protecting operators, those around them and minimizing our environmental impact are traditional values that continue to shape our product design philosophy.

We're on your side

We back the Volvo brand with the best people. Volvo is truly a global enterprise, one that is on standby to support customers quickly and efficiently – wherever they are.

We have a passion for performance.

A strong, dedicated, capable dealer network

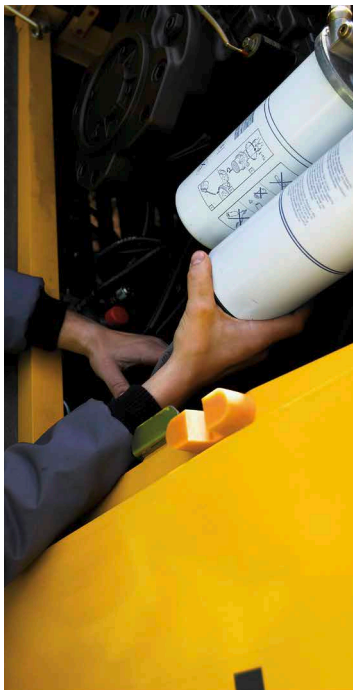
Our dealers are strategically located throughout North America to provide the equipment you need and the parts and service support you demand for a productive and profitable operation.

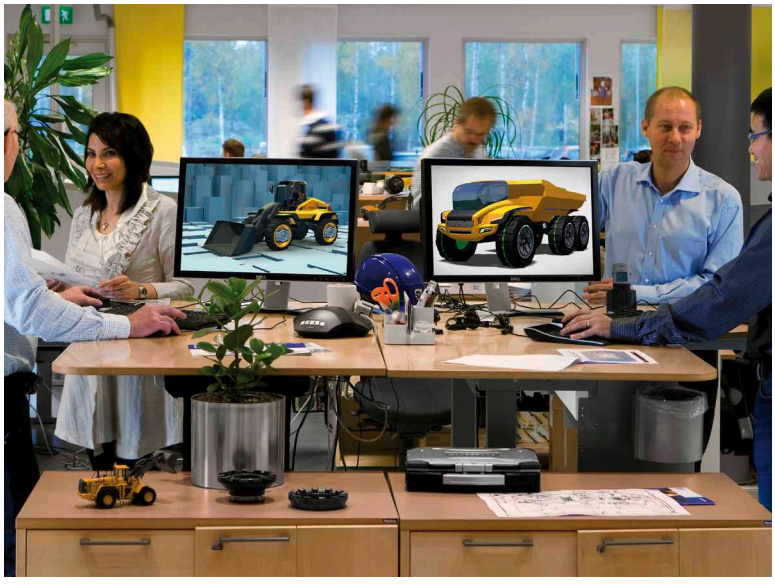
The strength of our dealer network is enhanced with extensive individualized product support training at our best-in-class Customer Center in Shippensburg and through hands-on training. Using a great Product Demonstration Center featuring a dedicated area for most commons applications, visitors operate equipment from our entire product line under a variety of simulated working conditions. This facility is in year-round use by our dealers and customers.

Building the best starts right here.

The products designed and manufactured by Volvo Construction Equipment have their beginnings at the most advanced Research & Design centers in the industry. Volvo CE machines are designed in 11 R&D centers and produced in 15 manufacturing facilities across the world.

The major R&D center and manufacturing plant in the Americas is located in Shippensburg, Pennsylvania. This facility has been in operation for over 30 years and – with its recently added 200,000 sq. ft. expansion – now covers 570,000 sq. ft. on an 80 acre campus. Dedicated work teams and highly advanced technologies and techniques using the Volvo Production System ensure continuous quality improvements, labor savings and cost control to reach the high quality that our customers have come to expect from Volvo.





Volvo Trucks

Renault Trucks

Mack Trucks

UD Trucks

Volvo Buses

Volvo Construction Equipment

Volvo Penta

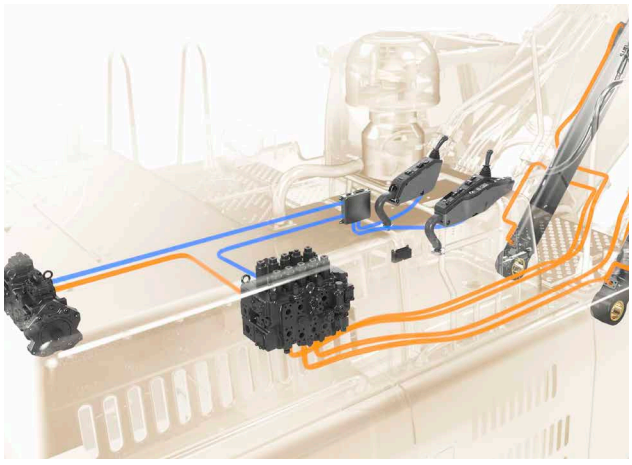
Volvo Financial Services

Do more for less

Gain more profitability and productivity in the EC750E. The Volvo crawler excavator offers the perfect combination of power and stability to handle a higher capacity in the toughest applications. Industry-leading fuel efficiency, innovative electro-hydraulic technology and ECO Mode help to optimize production and maximize your return on investment.

Total control

For a more productive and fuel efficient operation, the new electro-hydraulic system puts superior control in the operator's hands. Utilizing intelligent technology, the easy-to-use system controls on-demand flow and reduces internal losses in the hydraulic circuit.

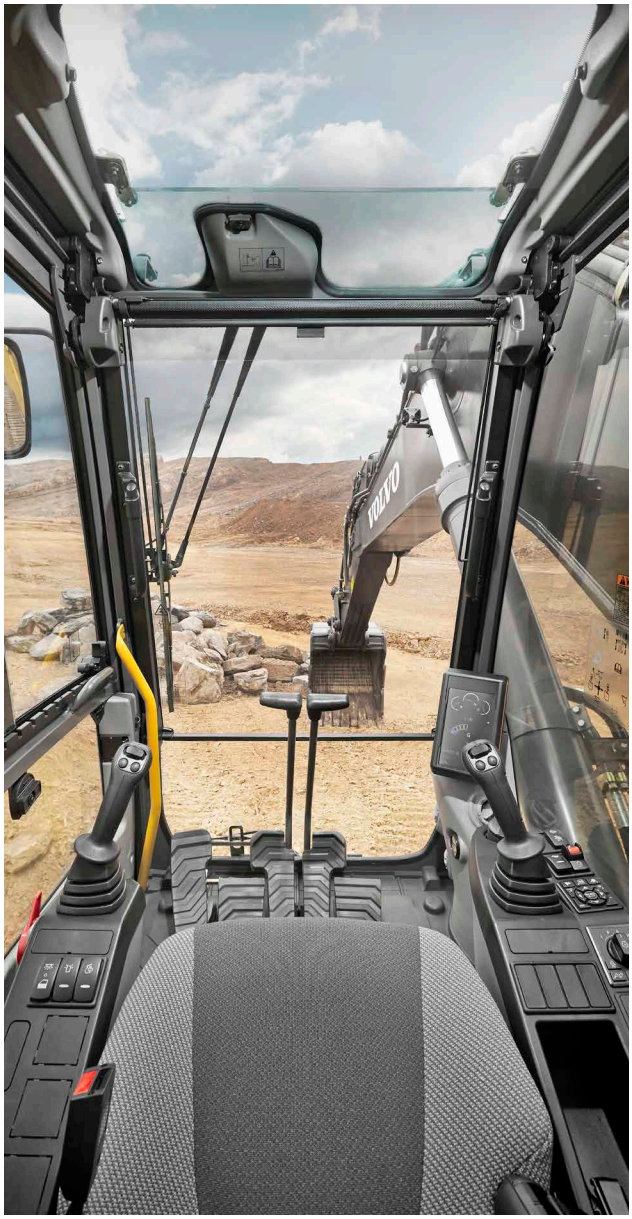


Outstanding fuel efficiency

Achieve outstanding fuel efficiency with Volvo's unique ECO Mode. ECO Mode optimizes the hydraulic system to reduce loss of flow and pressure – resulting in improved fuel efficiency without any loss of performance in most operating conditions.

Operator's choice

Take on the most demanding working environments from the comfort of Volvo's industry-leading cab. The low noise cab provides ample storage and leg room, 12 air-conditioner vents and adjustable seat, keeping the operator fresh, alert and focused – longer. Ergonomically positioned interfaces – including the joysticks, keypad and LCD monitor – and clear all-around visibility helps you share the strong, work-all-day feeling your machine has.



POWERED BY VOLVO

Rely on a superior performance from the EC750E to do the bigger jobs better, stronger and faster. Equipped with a powerful Volvo D16 engine, the machine utilizes advanced technology built on decades of experience, delivering increased horsepower and fuel efficiency – that benefits your bottom line.

SUPERIOR DIGGING PERFORMANCE

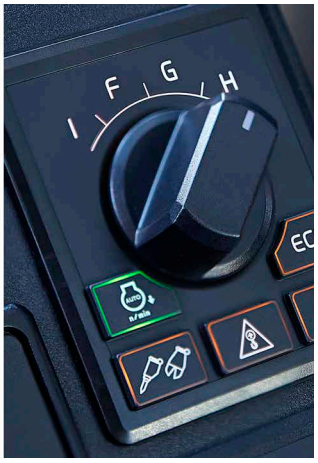
Get the job done in even the most demanding conditions with the EC750E's outstanding digging force. Powered by Volvo's advanced electro-hydraulic technology, the EC750E digs, swings and loads more materials in any application.

Winning performance

No task is too tough for the powerful EC750E. Whether you're working at a mine, a quarry or in heavy construction applications, the EC750E offers superior digging performance, outstanding fuel efficiency and quick cycle times for a maximum return on investment.

The right mode for the job

Achieve optimum fuel efficiency and machine performance with Volvo's unique, integrated work mode system. Maximizing efficiency, the system allows operators to choose the best work mode for the task at hand - select from I (Idle), F (Fine), G (General) and H (Heavy).



Get more done in less time

Cut cycle times to a minimum and increase profitability with the newly developed fully electro-hydraulic system. The Volvo hydraulic system in combination with the high power and massive torque from the Volvo D16 engine gets more done in less time. Offering faster cycle times, the EC750E ensures greater control, reduces operation costs and maximizes uptime.

Designed for distance

Delivering more power, better productivity and ease of moving around your jobsite, the machine's high system pressure and durable track ensure impressive tractive force when climbing gradients and travelling over unstable ground. Experience superior access to hard-to-reach areas of your job site.

Solid stability

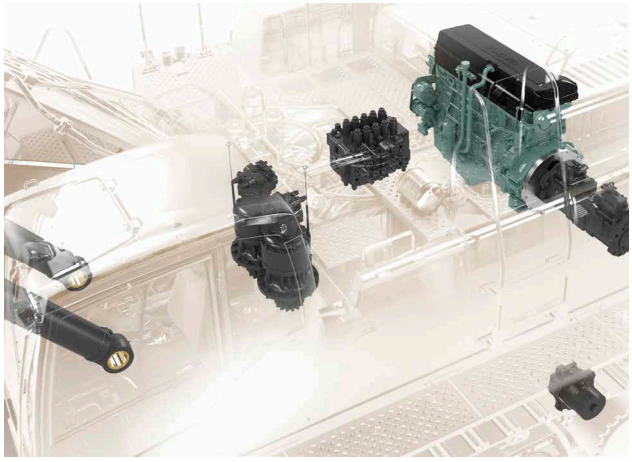
Operators can work with confidence in challenging environments with outstanding stability in the EC750E. Operate adverse terrains in the well-balanced and solid machine, which features a wide track gauge, long track length, a retractable undercarriage, and an optimized counterweight.

Built to work for you

Always available and ready for any application, the durable EC750E is designed for maximum uptime. The machine's heavy-duty design, reliable and wear-resistant components, and easy service access ensure you will get the job done quickly and without delay.

Proven reliability

Count on a solid, reliable EC750E with Volvo's high-quality components, designed to work in perfect harmony with the machine. Volvo's commitment to rigorous testing in its development process ensures the production of well-engineered components, purpose-built for the job, and proven to be reliable in the toughest applications.



Easy service access

Maximize uptime with quick and safer servicing. Essential maintenance points are easily accessed via the wide-opening and conveniently located compartment doors using central and surrounding walkways.

Durable by design

Achieve non-stop production with the durable and reliable EC750E. Built with protected components, including a strong frame structure, the machine can be relied on for longevity and sustained uptime in demanding applications. A built-in, heavy-duty plate is featured for additional protection to the underside of the machine.

Robust protection

For added safety and durability, excavators can be ordered with optional FOG (Falling Object Guard) and FOPS (Falling Object Protective Structure) cabs to provide peace-of-mind for working in tough applications. The EC750E can also be fitted with a full length track guard for added protection.

BOOM AND ARM

Maximize machine uptime and performance for any job application with the reinforced heavy duty boom and arm built from high strength tensile steel. Designed for maximum reliability in even the most severe conditions, steel strips are welded under the arm for added protection and various boom and arm configurations are available to suit any bucket size or application.

GENUINELY VOLVO

Volvo's attachments have been purpose-built to work in perfect coordination with Volvo machines, forming one solid, reliable unit. With functions and properties ideally matched, Volvo attachments are an integrated part of the excavator for which they're intended – delivering maximum productivity.

Robust attachments to match

With a Volvo excavator crawler and a Volvo attachment you simply get more done. Thanks to Volvo's wide range of attachments, including the durable and hardworking general purpose, heavy duty and extreme-duty buckets, you can get the most out of your machine. Easily tailor the EC750E exactly for the applications and the conditions of your worksite.

Heavy-duty and extreme-duty buckets

Volvo's heavy-duty and extreme-duty buckets are built using wear resistant plates, excel at digging compact materials including loose rock, hard clay and gravel. They are perfect for quarrying and mining applications and are made of reinforced high quality durable materials for a long life and superior performance. Custom made buckets are available – consult your dealer.

Genuine Volvo teeth, cutters and edges

Volvo buckets are built with high tensile steel to increase the bucket's durability, and they are available from the factory* with a wide range of teeth, side cutters, segments, and wear shrouds to protect the bucket and prolongs its lifespan in the harshest working conditions. *Attachments are available for loose order in some regions, contact you dealer for more information.

Hydraulic breaker

The EC750E can be equipped with a hydraulic breaker built to break even most demanding materials. With consistent power and high breaking force you'll benefit from maximum impact and durability. Set your breaker at the right frequency to suit your application needs.

Attachment management system

The password protected attachment management system allows storage for up to 20 different attachments. The system allows the operator to pre-set hydraulic flow and pressure inside the cab through the monitor, which ensures the use of various attachments, for increased versatility.

Up to the challenge

BOOM AND ARM

Maximize machine uptime and performance for any job application with the reinforced heavy duty boom and arm.

Total control

The electro-hydraulic system controls on-demand flow and reduces internal losses in the hydraulic circuit.

Attachment management system

The password protected attachment management system allows storage for 20 different attachments for added versatility.

Genuine Volvo teeth, cutters and edges

Volvo buckets are available from the factory with a wide range of parts to prolong its lifespan in the harshest working conditions.

GENUINELY VOLVO

With functions and properties ideally matched, Volvo attachments are an integrated part of the excavator for which they're intended – delivering maximum productivity.

SUPERIOR DIGGING PERFORMANCE

The EC750E features superior digging force, particularly when working with hard and heavy materials.

Proven reliability

Count on Volvo's high-quality components, designed to work in perfect harmony with your machine.

Operator's choice

The comfortable cab and ease of operation, even in adverse conditions, makes operators choose this machine.

Durable by design

Built with protected components, the EC750E can be relied on for longevity and sustained uptime.

POWERED BY VOLVO

Rely on a top performance from the EC750E, featuring a powerful Volvo D16 engine for a fast and efficient operation.

Solid stability

Stable in challenging environments, its quality, reliable performance and durability is everything you expect from a Volvo.

Get more done in less time

Cut cycle times to a minimum with the newly developed fully electro-hydraulic system.

CUSTOMER SUPPORT AGREEMENTS

Customer Support Agreements offer preventive maintenance, total repairs and a number of uptime services.

Diesel Exhaust Fluid (DEF)

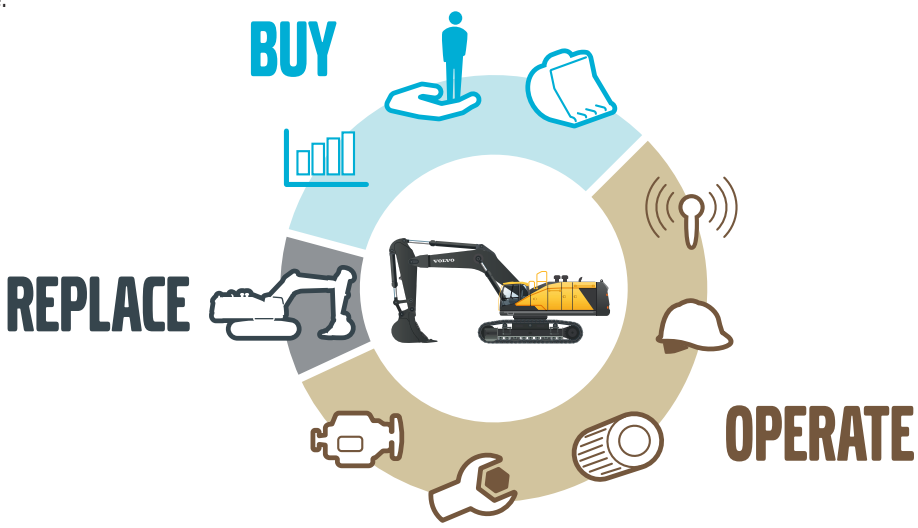
Volvo offers a total DEF solution that is quality assured, cost efficient and easily accessible. Contact your Volvo dealer for more information.

Adding value to your business

Being a Volvo customer means having a complete set of services at your fingertips. Volvo can offer you a long-term partnership, protect your revenue and provide a full range of customer solutions using high quality parts, delivered by passionate people. Volvo is committed to increasing the positive return on your investment and maximising uptime.

Complete Solutions

Volvo has the right solution for you. So why not let us provide all your needs throughout the whole life cycle of your machine? By listening to your requirements, we can reduce your total cost of ownership and increase your revenue.



Genuine Volvo Parts

Our attention to detail is what makes us stand out. This proven concept acts as a solid investment in your machine's future. Parts are extensively tested and approved because every part is vital for uptime and performance. Only by using Genuine Volvo Parts, can you be sure that your machine retains the renowned Volvo quality.

Service Network

In order to respond to your needs faster, a Volvo expert is on their way to your job site from one of our Volvo facilities. With our extensive infrastructure of technicians, workshops and dealers, Volvo has a comprehensive network to fully support you using local knowledge and global experience.

CUSTOMER SUPPORT AGREEMENTS

The range of Customer Support Agreements offer preventive maintenance, total repairs and a number of uptime services. Volvo uses the latest technology to monitor machine operation and status, giving you advice to increase your profitability. By having a Customer Support Agreement you are in control of your service costs.

Volvo EC750E in detail

Engine

The latest generation, Volvo engine Tier 4f emissions compliant diesel engine fully meets the demands of the latest, emsissions regulations. Featuring Volvo Advanced Combustion Technology (V-ACT), it is designed to deliver superior performance and fuel efficiency. The engine uses precise, highpressure fuel injectors, turbo charger and air-to-air intercooler, and electronic engine controls to optimize machine performance.
Air Filter: 3-stage with 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	D16J
Max power at	r/min (r/s)	1,800 (30)
Net, ISO 9249/SAE J1349	kW (hp)	392 (526)
Gross, ISO 14396/SAE J1995	kW (hp)	393 (527)
Max torque	Nm (ft lbf)	2,570 (1,896)
at engine speed	r/min (r/s)	1,350 (22.5)
No. of cylinders		6
Displacement	l (in^3)	16.1 (982)
Bore	mm (in)	144 (5.67)
Stroke	mm (in)	165 (6.5)

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. Contronics provides advanced monitoring of machine functions and important diagnostic information.

Voltage	V	24
Batteries	V	2x12
Battery capacity	Ah	210
Alternator	V/A	28/80

Undercarriage

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

Track shoes		48x2
Link pitch	mm (in)	260.4 (10.25)
Shoe width, double grouser	mm (in)	650/750/900 (26/30/36)
Bottom rollers		8x2
Top rollers		3x2

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	7
Max. slew torque	kNm (ft lbf)	275.5 (203,198)

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)	472 (106,109)
Max. travel speed (low)	km/h (mi/h)	2.9 (1.8)
Max. travel speed (high)	km/h (mi/h)	4.6 (2.9)
Gradeability	°	35

Service Refill

Fuel tank	l (gal)	800 (211)
DEF/AdBlue® tank	l (gal)	80 (21.1)
Hydraulic system, total	l (gal)	655 (173)
Hydraulic tank	l (gal)	350 (92.5)
Engine oil	l (gal)	52 (13.7)
Engine coolant	l (gal)	66 (17.4)
Slew reduction unit	l (gal)	2 x 6.8 (2 x 1.8)
Travel reduction unit	l (gal)	2 x 13.5 (2 x 3.6)

Hydraulic system

The new electro-hydraulic system and new MCV (main control valve) use intelligent technology to control on-demand flow for high-productivity, high-digging capacity and excellent fuel economy. The summation system, boom, arm and swing priority along with boom, arm and bucket regeneration provides optimum performance.
The following important functions are included in the system:
Summation system: Combines the flow of both hydraulic pumps to ensure quick cycle times and high productivity.
Boom priority: Gives priority to the boom operation for faster raising when loading or performing deep excavations.
Arm priority: Gives priority to the arm operation for faster cycle times in leveling and for increased bucket filling when digging.
Swing priority: Gives priority to swing functions for faster simultaneous operations.
Regeneration system: Prevents cavitation and provides flow to other movements during simultaneous operations for maximum productivity.
Holding valves: Boom and arm holding valves prevent the digging equipment from creeping.

Main pump. Type 2 x variable displacement axial piston pumps

Maximum flow	l/min (gal/min)	2x450 (2 x 118.9)

Pilot pump. Type Gear pump

Maximum flow	l/min (gal/min)	1x34.5 (1 x 9.1)

Relief value setting pressure

Implement	MPa (psi)	33.8/35.8 (4,902/5,192)
Travel circuit	MPa (psi)	33.8 (4,902)
Slew circuit	MPa (psi)	26.5 (3,843)
Pilot circuit	MPa (psi)	3.9 (566)

Hydraulic Motors

Travel: Variable displacement axial piston motor with mechanical brake
Slew: Fixed displacement axial piston motor with mechanical brake

Hydraulic Cylinders

Mono boom		2
Bore x Stroke	ø x mm (ø x in)	200 x 1 790 (7.9 x 70.5)
Arm		1
Bore x Stroke	ø x mm (ø x in)	215 x 2 070 (8.5 x 81.5)
Bucket		1
Bore x Stroke	ø x mm (ø x in)	190 x 1 450 (7.5 x 57.1)
ME Bucket		1
Bore x Stroke	ø x mm (ø x in)	200 x 1 450 (7.9 x 57.1)

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 12 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

Sound Level

Sound pressure level in cab according to ISO 6396

L_{pA}	dB	72

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

L_{WA}	dB	108

Specifications

GROUND PRESSURE

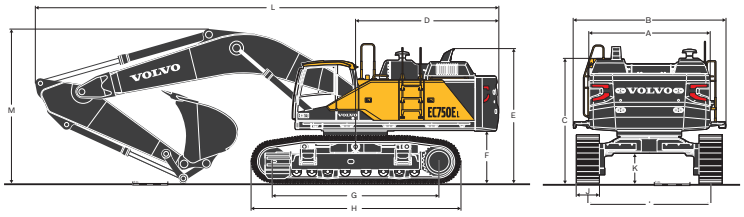
			EC750E											
			Boom 6.6 m(21'8"), Arm 2.9m (9'6"), Bucket 4.4 m³ (5.8 yd³)						Boom 7.7 m (25'3"), Arm 3.55m (11'8"), Bucket 3.3 m³ (4.3 yd³)					
			Counterweight 12,100kg (26,680lb)						Counterweight 12,100kg (26,680lb)					
Description	Shoe width		Operating weight		Ground pressure		Overall width		Operating weight		Ground pressure		Overall width	
	mm	in	kg	lb	kPa	psi	mm	inch	kg	lb	kPa	psi	mm	inch
Double grouser	650	26	73,500	162,070	106.8	15.5	4,185	13'9"	73,100	161,190	106.2	15.4	4,185	13'9"
	750	30	74,200	163,610	93.5	13.6	4,190	13'9"	73,800	162,730	93.0	13.5	4,190	13'9"
	900	36	75,300	166,040	79.0	11.5	4,340	14'3"	74,900	165,150	78.6	11.4	4,340	14'3"

MAXIMUM PERMITTED BUCKET SIZES

For direct fit buckets			EC750E															
			Boom 6.6m (21'8")				Boom 7.7m (25' 3")											
			Arm 2.9m (9'6")				Arm 2.9m (9'6")				Arm 3.55m (11' 8")				Arm 4.2m (13' 9")			
			Volume		Weight		Volume		Weight		Volume		Weight		Volume		Weight	
Mat. density	t/m³	lb/yd³	m³	yd³	kg	lb	m³	yd³	kg	lb	m³	yd³	kg	lb	m³	yd³	kg	lb
GP Bucket	1.3	2,190	7.14	9.34	6,069	13,380	5.72	7.48	4,863	10,721	5.28	6.90	4,487	9,892	4.81	6.30	4,092	9,021
	1.5	2,530	6.53	8.54	5,552	12,240	5.23	6.85	4,449	9,808	4.83	6.32	4,105	9,050	4.40	5.76	3,744	8,254
	1.8	3,030	5.79	7.58	4,924	10,855	4.64	6.07	3,945	8,697	4.28	5.60	3,641	8,027	3.91	5.11	3,320	7,319
HD Bucket	1.8	3,030	5.48	7.17	5,482	12,086	4.39	5.75	4,393	9,685	4.05	5.30	4,054	8,937	3.70	4.83	3,696	8,148
	2.0	3,370	5.12	6.69	5,117	11,281	4.10	5.36	4,100	9,039	3.78	4.95	3,783	8,340	3.45	4.51	3,450	7,606
*RL Bucket	1.8	3,030	4.95	6.48	6,437	14,191	3.97	5.19	5,158	11,371	3.66	4.79	4,760	10,494	3.34	4.37	4,340	9,568
	2.0	3,370	4.65	6.08	6,047	13,331	3.73	4.87	4,845	10,681	3.44	4.50	4,471	9,857	3.14	4.10	4,077	8,988

Maximum materal density

	kg/m³	lb/yd³	
A	1,200 - 1,300	2,000 - 2,200	Coal, Caliche, Shale
B	1,400 - 1,600	2,300 - 2,700	Wet earth and clay, Limestone, Sandstone
C	1,700 - 1,800	2,800 - 3,100	Granite, Wet sand, Well blasted rock
D	> 1,900	> 3,200	Wet mud, Iron ore



DIMENSIONS

Description		Unit		EC750E							
Boom		m, ft in		6.6, 21'8"		7.7, 25'3"					
Arm		m	ft in	2.9	9'6"	2.9	9'6"	3.55	11'8"	4.2	13'10"
A	Overall width of superstructure	mm	ft in	3,420	11'3"	3,420	11'3"	3,420	11'3"	3,420	11'3"
B	Overall width (Upper Structure)	mm	ft in	4,290	14'1"	4,290	14'1"	4,290	14'1"	4,290	14'1"
C	Overall height of cab	mm	ft in	3,520	11'7"	3,520	11'7"	3,520	11'7"	3,520	11'7"
D	Tail swing radius	mm	ft in	4,140	13'7"	4,140	13'7"	4,140	13'7"	4,140	13'7"
E	Overall height of diffuser	mm	ft in	3,850	12'8"	3,850	12'8"	3,850	12'8"	3,850	12'8"
	Overall height of guard rail	mm	ft in	4,000	13'2"	4,000	13'2"	4,000	13'2"	4,000	13'2"
	Overall height of engine hood	mm	ft in	3,540	11'8"	3,540	11'8"	3,540	11'8"	3,540	11'8"
	Overall height of rain cap	mm	ft in	3,790	12'6"	3,790	12'6"	3,790	12'6"	3,790	12'6"
	Overall height of cyclone	mm	ft in	3,850	12'8"	3,850	12'8"	3,850	12'8"	3,850	12'8"
	Overall height of oil bath	mm	ft in	4,100	13'6"	4,100	13'6"	4,100	13'6"	4,100	13'6"
F	Counterweight clearance *	mm	ft in	1,507	5'0"	1,507	5'0"	1,507	5'0"	1,507	5'0"
G	Tumbler length	mm	ft in	4,750	15'8"	4,750	15'8"	4,750	15'8"	4,750	15'8"
H	Track length	mm	ft in	5,990	19'8"	5,990	19'8"	5,990	19'8"	5,990	19'8"
I	Track guage (extended)	mm	ft in	3,440	11'4"	3,440	11'4"	3,440	11'4"	3,440	11'4"
	Track guage (retracted)	mm	ft in	2,750	9'1"	2,750	9'1"	2,750	9'1"	2,750	9'1"
J	Shoe width	mm	ft in	650	2'2"	650	2'2"	650	2'2"	650	2'2"
K	Min. ground clearance *	mm	ft in	858	2'10"	858	2'10"	858	2'10"	858	2'10"
L	Overall length	mm	ft in	12,200	40'1"	13,320	43'9"	13,220	43'5"	13,160	43'3"
M	Overall height of boom	mm	ft in	4,855	16'0"	4,660	15'4"	4,600	15'2"	4,950	16'3"

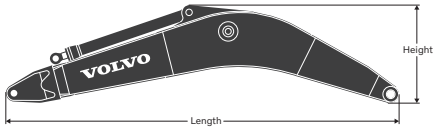
* With shoe grouser

Specifications

DIMENSIONS

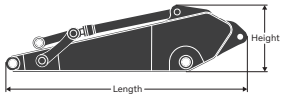
Description	Unit	EC750E				
Boom	**m**	**ft in**	**6.6**	**21'8"**	**7.7**	**25'3"**
Length	mm	ft in	6,940	22'10"	8,040	26'5"
Height	mm	ft in	2,530	8'4"	2,210	7'4"
Width	mm	ft in	1,100	3'8"	1,100	3'8"
Weight	kg	lb	7,320	16,140	7,710	17,000

* Includes arm cylinder, piping and pin



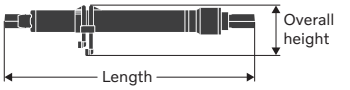
Description	Unit	EC750E						
Arm	**m**	**ft in**	**2.9**	**9'6"**	**3.55**	**11'8"**	**4.2**	**13'10"**
Length	mm	ft in	4,280	14'1"	4,960	16'4"	5,600	18'5"
Height	mm	ft in	1,530	5'1"	1,410	4'8"	1,380	4'7"
Width	mm	ft in	740	2'6"	740	2'6"	740	2'6"
Weight	kg	lb	4,120	9,085	4,210	9,280	4,520	9,965

* Includes bucket cylinder, linkage and pin



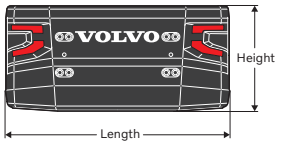
Cylinder

Length		Height		Width		Weight	
mm	**ft in**	**mm**	**ft in**	**mm**	**ft in**	**kg**	**lb**
2,525	8'4"	560	1'11"	370	1'3"	710 x 2 set = 1,420	1,565 x 2 set = 3,130



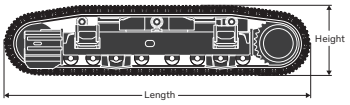
Counterweight

Length		Height		Width		Weight	
mm	**ft in**	**mm**	**ft in**	**mm**	**ft in**	**kg**	**lb**
3,420	11'3"	1,750	5'9"	660	2'2"	12,100	26,675



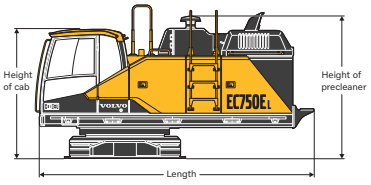
Undercarriage

Shoe width		Length		Height		Overall width		Weight	
mm	**ft in**	**mm**	**ft in**	**mm**	**ft in**	**mm**	**ft in**	**kg**	**lb**
650	26	5,990	19'8"	1,375	4'7"	1,080	3'7"	10,600 x 2	23,370 x 2
750	30	5,990	19'8"	1,375	4'7"	1,080	3'7"	10,950 x 2	24,140 x 2
900	36	5,990	19'8"	1,375	4'7"	1,160	3'10"	11,500 x 2	25,355 x 2



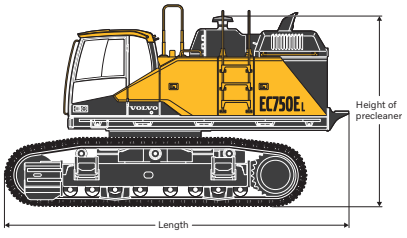
Superstructure without counterweight

Length		Height of cab		Height of diffuser		Width		Weight	
mm	**ft in**	**mm**	**ft in**	**mm**	**ft in**	**mm**	**ft in**	**kg**	**lb**
5,550	18'3"	2,655	8'9"	2,995	9'10"	3,430	11'4"	23,150	51,035
* Height of rain cap		2,935	9'8"						
* Height of cyclone		2,995	9'10"						
* Height of oil bath		3,245	10'8"						



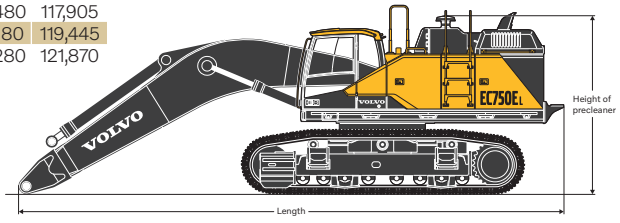
Superstructure including UC, excluding CWT

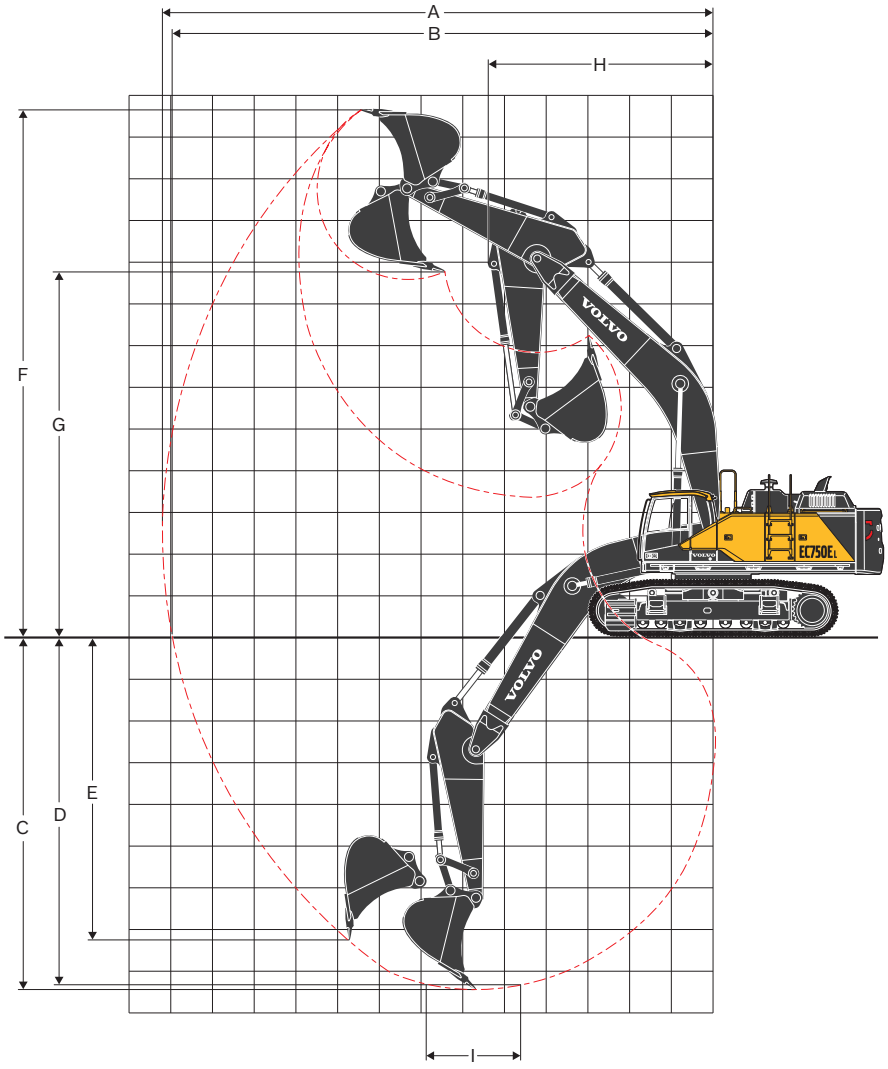
Shoe width		Length		Height of diffuser		Overall width (retracted)		Weight	
mm	**ft in**	**mm**	**ft in**	**mm**	**ft in**	**mm**	**ft in**	**kg**	**lb**
650	26	6,780	22'3"	3,850	12'8"	3,495	11'6"	44,350	97,775
750	30	6,780	22'3"	3,850	12'8"	3,500	11'6"	45,050	99,320
900	36	6,780	22'3"	3,850	12'8"	3,650	12'0"	46,150	101,745
* Height of rain cap				3,790	12'6"				
* Height of cyclone				3,850	12'8"				
* Height of oil bath				4,100	13'6"				



Superstructure, including UC and Boom, excluding CWT

Boom		Shoe width		Length		Height of diffuser		Overall width (retracted)		Weight	
m	**ft in**	**mm**	**ft in**	**mm**	**ft in**	**mm**	**ft in**	**mm**	**ft in**	**kg**	**lb**
6.6	21'8"	650	26	10,190	33'6"	3,850	12'8"	3,495	11'6"	53,090	117,045
		750	30	10,190	33'6"	3,850	12'8"	3,500	11'6"	53,790	118,590
		900	36	10,190	33'6"	3,850	12'8"	3,650	12'	54,890	121,010
7.7	25'3"	650	26	11,350	37'3"	3,850	12'8"	3,495	11'6"	53,480	117,905
		750	30	11,350	37'3"	3,850	12'8"	3,500	11'6"	54,180	119,445
		900	36	11,350	37'3"	3,850	12'8"	3,650	12'	55,280	121,870
* Height of rain cap						3,790	12'6"				
* Height of cyclone						3,850	12'8"				
* Height of oil bath						4,100	13'6"				





WORKING RANGES

Description		Unit		EC750E							
Boom		m, ft in		6.6, 21'8"		7.7, 25'3"					
Arm		m	ft in	2.9	9'6"	2.9	9'6"	3.55	11'8"	4.2	13'10"
A	Max. digging reach	mm	ft in	11,460	37'8"	12,570	41'3"	13,130	43'1"	13,750	45'2"
B	Max. digging reach on ground	mm	ft in	11,160	36'8"	12,300	40'5"	12,870	42'3"	13,500	44'4"
C	Max. digging depth	mm	ft in	7,210	23'8"	7,720	25'4"	8,370	27'6"	9,020	29'8"
D	Max. digging depth (I = 2.44m, 8' level)	mm	ft in	7,060	23'2"	7,570	24'11"	8,240	27'1"	8,900	29'3"
E	Max. vertical wall digging depth	mm	ft in	5,650	18'7"	6,740	22'2"	7,390	24'3"	8,010	26'4"
F	Max. cutting height	mm	ft in	10,940	35'11"	12,430	40'10"	12,600	41'5"	12,910	42'5"
G	Max. dumping height	mm	ft in	7,000	23'0"	8,450	27'9"	8,650	28'5"	8,970	29'6"
H	Min. front swing radius	mm	ft in	5,130	16'10"	5,460	17'11"	5,390	17'9"	5,430	17'10"

DIGGING FORCES WITH DIRECT FIT BUCKET

Breakout force -bucket (Normal/ Power boost)	SAE J1179	kN	lbf	323/342	72,620/76,890	300/318	67,450/71,490	303/320	68,120/71,940	303/320	68,120/71,940
	ISO 6015	kN	lbf	362/383	81,390/86,110	336/356	75,540/80,040	339/359	76,220/80,710	339/359	76,220/80,710
Tearout force -dipper arm (Normal/ Power boost)	SAE J1179	kN	lbf	311/329	69,920/73,970	316/334	71,040/75,090	277/293	62,270/65,870	248/262	55,760/58,900
	ISO 6015	kN	lbf	319/337	71,720/75,770	322/341	72,390/76,660	282/298	63,400/67,000	252/266	56,660/59,800
Rotation angle, bucket		°		174		174		174		174	

Specifications

LIFTING CAPACITY EC750E

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		4.5m, 15 ft		6.0m, 20 ft		7.5m, 25 ft		9.0m, 30 ft		10.5m, 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	Max.
Boom: 6.6m	9.0 m	kg											*16,400	*16,400	6.7 m
21'8"	30 ft	lb											*36,550	*36,550	21.3 ft
Arm: 2.9m	7.5 m	kg					*19,940	*19,940					*15,240	*15,240	7.8 m
9'6"	25 ft	lb					*39,000	*39,000					*33,720	*33,720	25.5 ft
Shoe: 650mm	6.0 m	kg			*22,880	*22,880	*20,430	20,240					*14,880	*14,880	8.6 m
26"	20 ft	lb			*49,660	*49,660	*44,630	43,540					*32,820	*32,820	28.1 ft
CWT: 12,100kg	4.5 m	kg	*33,920	*33,920	*25,800	*25,800	*21,760	19,590	*16,820	14,610			*15,040	14,400	9.1 m
26,680lb	15 ft	lb	*72,820	*72,820	*55,810	*55,810	*47,330	42,190	*37,080	32,210			*33,120	31,880	29.7 ft
	3.0 m	kg	*39,030	*39,030	*28,770	26,400	*23,270	18,860	19,770	14,290			*15,680	13,640	9.3 m
	10 ft	lb	*86,040	*86,040	*62,240	56,920	*50,500	40,650	*41,770	30,760			*34,510	30,110	30.4 ft
	1.5 m	kg	*34,330	*34,330	*30,760	25,320	*24,380	18,240	19,440	13,990			*16,890	13,510	9.2 m
	5 ft	lb	*82,060	*82,060	*66,630	54,550	*52,880	39,320	41,870	30,150			*37,160	29,780	30.3 ft
	0 m	kg	*41,570	39,310	*31,190	24,730	*24,610	17,850					*18,910	14,020	8.9 m
	0 ft	lb	*90,320	84,310	*67,630	53,240	*53,330	38,480					*41,700	30,920	29.3 ft
	-1.5 m	kg	*38,750	*38,750	*29,850	24,580	*23,410	17,760					*20,100	15,410	8.3 m
	-5 ft	lb	*84,210	*84,210	*64,690	52,920	*50,540	38,310					*44,300	34,050	27.3 ft
	-3.0 m	kg	*33,640	*33,640	*26,230	24,860							*19,670	18,420	7.4 m
	-10 ft	lb	*72,850	*72,850	*56,500	53,560							*43,290	40,940	24.2 ft
	-4.5 m	kg	*24,610	*24,610									*17,610	*17,610	6.0 m
	-15 ft	lb	*52,300	*52,300									*38,410	*38,410	19.3 ft
Boom: 7.7m	10.5 m	kg											*18,710	*18,710	6.8 m
25'3"	35 ft	lb											*41,240	*41,240	22.3 ft
Arm: 2.9m	9.0 m	kg					*18,420	*18,420					*16,850	*16,850	8.2 m
9'6"	30 ft	lb					*40,590	*40,590					*37,390	*37,390	26.6 ft
Shoe: 650mm	7.5 m	kg					*18,760	*18,760	*17,490	14,840			*15,990	14,220	9.2 m
26"	25 ft	lb					*40,920	*40,920	*38,559	32,717			*35,340	31,780	30.0 ft
CWT: 12,100kg	6.0 m	kg	*30,070	*30,070	*23,680	*23,680	*19,930	19,600	*17,750	14,600			*15,710	12,440	9.9 m
26,680lb	20 ft	lb	*66,290	*66,290	*51,130	*51,130	*43,280	42,240	*38,750	31,410			*34,630	27,630	32.3 ft
	4.5 m	kg			*26,700	26,160	*21,450	18,710	*18,440	14,160			*15,830	11,430	10.3 m
	15 ft	lb			*57,580	56,500	*46,480	40,370	*40,100	30,510			*34,860	25,280	33.7 ft
	3.0 m	kg			*29,170	24,610	*22,840	17,860	*19,140	13,690			15,210	10,920	10.4 m
	10 ft	lb			*63,000	53,130	*49,480	38,550	41,230	29,520			33,570	24,100	34.3 ft
	1.5 m	kg			*30,150	23,700	*23,660	17,230	18,730	13,310			15,130	10,820	10.4 m
	5 ft	lb			*65,330	51,080	*51,280	37,160	40,350	28,700			33,360	23,860	34.1 ft
	0 m	kg			*29,650	23,340	*23,640	16,870	18,480	13,080			15,630	11,140	10.1 m
	0 ft	lb			*64,390	50,250	*51,250	36,370	39,820	28,220			34,450	24,570	33.3 ft
	-1.5 m	kg	*28,620	*28,620	*27,930	23,350	*22,590	16,780	*18,250	13,060			*16,270	11,990	9.6 m
	-5 ft	lb	*66,320	*66,320	*60,660	50,240	*48,920	36,190	*39,260	28,210			*35,870	26,490	31.6 ft
	-3.0 m	kg	*29,680	*29,680	*24,870	23,640	*20,150	16,980					*15,600	13,680	8.8 m
	-10 ft	lb	*64,630	*64,630	*53,870	50,890	*43,390	36,650					*34,330	30,340	28.9 ft
	-4.5 m	kg	*23,420	*23,420	*19,770	*19,770	*14,870	*14,870					*13,960	*13,960	7.7 m
	-15 ft	lb	*50,490	*50,490	*42,300	*42,300	*32,780	*32,780					*30,510	*30,510	25.0 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.

LIFTING CAPACITY EC750E

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		4.5m, 15 ft		6.0m, 20 ft		7.5m, 25 ft		9.0m, 30 ft		10.5m, 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	Max.
Boom: 7.7m	10.5 m	kg					*15,240	*15,240					*14,200	*14,200	7.6 m
25'3"	35 ft	lb					*33,600	*33,600					*31,730	*31,730	24.4 ft
Arm: 3.55m	9.0 m	kg											*13,060	*13,060	8.9 m
11'8"	30 ft	lb											*28,950	*28,950	28.9 ft
Shoe: 650mm	7.5 m	kg					*17,560	*17,560	*16,330	15,180			*12,530	*12,530	9.8 m
26"	25 ft	lb					*38,280	*38,280	*35,810	32,570			*27,670	*27,670	32.1 ft
CWT: 12,100kg	6.0 m	kg					*18,850	*18,850	*16,870	14,830			*12,380	11,410	10.5 m
26,680lb	20 ft	lb					*40,940	*40,940	*36,790	31,910			*27,290	25,310	34.2 ft
	4.5 m	kg			*25,240	*25,240	*20,520	19,030	*17,730	14,340	15,440	11,150	*12,530	10,540	10.8 m
	15 ft	lb			*54,460	*54,460	*44,460	41,040	*38,550	30,880	33,170	23,950	*27,580	23,310	35.5 ft
	3.0 m	kg			*28,110	25,140	*22,140	18,110	*18,610	13,810	15,160	10,890	*12,950	10,080	11.0 m
	10 ft	lb			*60,700	54,250	*47,940	39,060	*40,410	29,760	32,620	23,430	*28,510	22,260	36.1 ft
	1.5 m	kg			*29,770	23,970	*23,280	17,360	18,790	13,360	14,900	10,650	*13,710	9,980	11.0 m
	5 ft	lb			*64,440	51,670	*50,440	37,450	40,460	28,790	32,090	22,940	*30,190	22,000	36.0 ft
	0 m	kg			*29,970	23,380	*23,650	16,890	18,450	13,040	14,750	10,500	14,330	10,220	10.7 m
	0 ft	lb			*64,990	50,340	*51,260	36,410	39,740	28,120	31,800	22,660	31,600	22,530	35.2 ft
	-1.5 m	kg	*29,290	*29,290	*28,850	23,220	*23,070	16,690	18,310	12,920			15,290	10,880	10.2 m
	-5 ft	lb	*67,300	*67,300	*62,610	49,960	*49,970	35,970	39,460	27,870			33,760	24,020	33.6 ft
	-3.0 m	kg	*32,770	*32,770	*26,430	23,380	*21,300	16,760	*16,900	13,030			*15,220	12,180	9.5 m
	-10 ft	lb	*71,220	*71,220	*57,250	50,310	*45,980	36,130	*36,060	28,180			*33,510	26,980	31.1 ft
	-4.5 m	kg	*27,180	*27,180	*22,300	*22,300	*17,670	17,140					*14,280	*14,280	8.4 m
	-15 ft	lb	*58,680	*58,680	*47,940	*47,940	*37,550	37,040					*31,330	*31,330	27.5 ft
	-6.0 m	kg	*18,590	*18,590	*15,010	*15,010							*11,760	*11,760	6.9 m
	-20 ft	lb	*40,980	*40,980	*30,960	*30,960							*25,320	*25,320	22.2 ft
Boom: 7.7m	10.5 m	kg											*11,380	*11,380	8.5 m
25'3"	35 ft	lb											*25,390	*25,390	27.3 ft
Arm: 4.2m	9.0 m	kg							*14,500	*14,500			*10,570	*10,570	9.7 m
13'9"	30 ft	lb							*29,920	*29,920			*23,420	*23,420	31.4 ft
Shoe: 650mm	7.5 m	kg							*15,190	*15,190	*10,470	*10,470	*10,170	*10,170	10.5 m
26"	25 ft	lb							*33,260	33,110	*23,080	23,080	*22,470	*22,470	34.3 ft
CWT: 12,100kg	6.0 m	kg					*17,600	*17,600	*15,880	15,010	*14,770	11,490	*10,050	*10,050	11.1 m
26,680lb	20 ft	lb					*38,230	*38,230	*34,600	32,280	*30,260	24,650	*22,170	*22,170	36.4 ft
	4.5 m	kg	*30,630	*30,630	*23,520	*23,520	*19,370	19,290	*16,850	14,450	*15,200	11,220	*10,160	9,590	11.5 m
	15 ft	lb	*67,540	*67,540	*50,770	*50,770	*41,980	41,600	*36,640	31,130	*33,150	24,100	*22,370	21,200	37.6 ft
	3.0 m	kg			*26,680	25,570	*21,170	18,280	*17,880	13,860	15,170	10,880	*10,470	9,190	11.6 m
	10 ft	lb			*57,610	55,160	*45,850	39,420	*38,830	29,870	32,630	23,420	*23,050	20,280	38.1 ft
	1.5 m	kg			*28,890	24,150	*22,580	17,420	*18,730	13,330	14,840	10,580	*11,030	9,080	11.6 m
	5 ft	lb			*62,490	52,040	*48,930	37,550	40,440	28,730	31,950	22,770	*24,290	20,020	38.0 ft
	0 m	kg	*20,710	*20,710	*29,730	23,310	*23,310	16,810	18,350	12,940	14,600	10,350	*11,890	9,250	11.3 m
	0 ft	lb	*47,900	*47,900	*64,420	50,190	*50,520	36,230	39,520	27,880	31,450	22,300	*26,230	20,410	37.2 ft
	-1.5 m	kg	*28,190	*28,190	*29,230	22,960	*23,160	16,490	18,120	12,720	14,500	10,260	*13,230	9,770	10.9 m
	-5 ft	lb	*64,610	*64,610	*63,390	49,400	*50,180	35,530	39,020	27,420	31,290	22,150	*29,220	21,570	35.7 ft
	-3.0 m	kg	*35,020	*35,020	*27,440	22,970	*21,950	16,440	*17,740	12,710			*14,380	10,780	10.2 m
	-10 ft	lb	*76,000	*76,000	*59,440	49,430	*47,460	35,440	*38,150	27,430			*31,670	23,860	33.4 ft
	-4.5 m	kg	*30,170	*30,170	*24,130	23,310	*19,290	16,680	*14,690	13,010			*13,820	12,630	9.2 m
	-15 ft	lb	*65,190	*65,190	*52,010	50,190	*41,340	36,000	*30,630	28,220			*30,380	28,120	30.1 ft
	-6.0 m	kg	*22,890	*22,890	*18,480	*18,480	*13,740	*13,740					*12,320	*12,320	7.8 m
	-20 ft	lb	*48,720	*48,720	*39,070	*39,070	*27,950	*27,950					*26,820	*26,820	25.4 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 EC750E

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		4.5m, 15 ft		6.0m, 20 ft		7.5m, 25 ft		9.0m, 30 ft		10.5m, 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	Max.
Boom: 6.6m	9.0 m	kg											*16,400	*16,400	6.7 m
21'8"	30 ft	lb											*36,550	*36,550	21.3 ft
Arm: 2.9m	7.5 m	kg					*19,940	*19,940					*15,240	*15,240	7.8 m
9'6"	25 ft	lb					*39,000	*39,000					*33,720	*33,720	25.5 ft
Shoe: 750mm	6.0 m	kg			*22,880	*22,880	*20,430	20,410					*14,880	*14,880	8.6 m
30"	20 ft	lb			*49,660	*49,660	*44,630	43,910					*32,820	*32,820	28.1 ft
CWT: 12,100kg	4.5 m	kg	*33,920	*33,920	*25,800	*25,800	*21,760	19,760	*16,820	14,740			*15,040	14,540	9.1 m
26,680lb	15 ft	lb	*72,820	*72,820	*55,810	*55,810	*47,330	42,570	*37,080	32,500			*33,120	32,180	29.7 ft
	3.0 m	kg	*39,030	*39,030	*28,770	26,640	*23,270	19,030	19,960	14,430			*15,680	13,770	9.3 m
	10 ft	lb	*86,040	*86,040	*62,240	57,420	*50,500	41,020	*41,770	31,050			*34,510	30,400	30.4 ft
	1.5 m	kg	*34,330	*34,330	*30,760	25,550	*24,380	18,410	19,640	14,130			*16,890	13,640	9.2 m
	5 ft	lb	*82,060	*82,060	*66,630	55,050	*52,880	39,690	42,290	30,450			*37,160	30,080	30.3 ft
	0 m	kg	*41,570	39,680	*31,190	24,960	*24,610	18,020					*18,910	14,160	8.9 m
	0 ft	lb	*90,320	85,100	*67,630	53,750	*53,330	38,860					*41,700	31,220	29.3 ft
	-1.5 m	kg	*38,750	*38,750	*29,850	24,820	*23,410	17,930					*20,100	15,560	8.3 m
	-5 ft	lb	*84,210	*84,210	*64,690	53,420	*50,540	38,690					*44,300	34,380	27.3 ft
	-3.0 m	kg	*33,640	*33,640	*26,230	25,100							*19,670	18,600	7.4 m
	-10 ft	lb	*72,850	*72,850	*56,500	54,060							*43,290	41,330	24.2 ft
	-4.5 m	kg	*24,610	*24,610									*17,610	*17,610	6.0 m
	-15 ft	lb	*52,300	*52,300									*38,410	*38,410	19.3 ft
Boom: 7.7m	10.5 m	kg											*18,710	*18,710	6.8 m
25'3"	35 ft	lb											*41,240	*41,240	22.3 ft
Arm: 2.9m	9.0 m	kg					*18,420	*18,420					*16,850	*16,850	8.2 m
9'6"	30 ft	lb					*40,590	*40,590					*37,390	*37,390	26.6 ft
Shoe: 750mm	7.5 m	kg					*18,760	*18,760	*17,490	14,980			*15,990	14,350	9.2 m
30"	25 ft	lb					*40,920	*40,920	*38,560	33,020			*35,340	32,070	30.0 ft
CWT: 12,100kg	6.0 m	kg	*30,070	*30,070	*23,680	*23,680	*19,930	19,770	*17,750	14,740			*15,710	12,570	9.9 m
26,680lb	20 ft	lb	*66,290	*66,290	*51,130	*51,130	*43,280	42,620	*38,750	31,700			*34,630	27,900	32.3 ft
	4.5 m	kg			*26,700	26,390	*21,450	18,880	*18,440	14,300			*15,830	11,540	10.3 m
	15 ft	lb			*57,580	57,000	*46,480	40,740	*40,100	30,800			*34,860	25,530	33.7 ft
	3.0 m	kg			*29,170	24,850	*22,840	18,040	*19,140	13,830			15,370	11,030	10.4 m
	10 ft	lb			*63,000	53,640	*49,480	38,920	*41,550	29,820			33,920	24,350	34.3 ft
	1.5 m	kg			*30,150	23,940	*23,660	17,400	18,920	13,450			15,300	10,940	10.4 m
	5 ft	lb			*65,330	51,590	*51,280	37,530	40,770	29,000			33,720	24,110	34.1 ft
	0 m	kg			*29,650	23,580	*23,640	17,040	18,680	13,220			15,790	11,260	10.1 m
	0 ft	lb			*64,390	50,760	*51,250	36,740	40,240	28,510			34,820	24,830	33.3 ft
	-1.5 m	kg	*28,620	*28,620	*27,930	23,590	*22,590	16,960	*18,250	13,190			*16,270	12,120	9.6 m
	-5 ft	lb	*66,320	*66,320	*60,660	50,750	*48,920	36,560	*39,260	28,500			*35,870	26,770	31.6 ft
	-3.0 m	kg	*29,680	*29,680	*24,870	23,880	*20,150	17,150					*15,600	13,820	8.8 m
	-10 ft	lb	*64,630	*64,630	*53,870	51,400	*43,390	37,020					*34,330	30,650	28.9 ft
	-4.5 m	kg	*23,420	*23,420	*19,770	*19,770	*14,870	*14,870					*13,960	*13,960	7.7 m
	-15 ft	lb	*50,490	*50,490	*42,300	*42,300	*32,780	*32,780					*30,510	*30,510	25.0 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.

LIFTING CAPACITY EC750E

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		4.5m, 15 ft		6.0m, 20 ft		7.5m, 25 ft		9.0m, 30 ft		10.5m, 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	Max.
Boom: 7.7m	10.5 m	kg					*15,240	*15,240					*14,200	*14,200	7.6 m
25'3"	35 ft	lb					*33,600	*33,600					*31,730	*31,730	24.4 ft
Arm: 3.55m	9.0 m	kg											*13,060	*13,060	8.9 m
11'8"	30 ft	lb											*28,950	*28,950	28.9 ft
Shoe: 750mm	7.5 m	kg					*17,560	*17,560	*16,330	15,310			*12,530	*12,530	9.8 m
30"	25 ft	lb					*38,280	*38,280	*35,810	32,860			*27,670	*27,670	32.1 ft
CWT: 12,100kg	6.0 m	kg					*18,850	*18,850	*16,870	14,970			*12,380	11,520	10.5 m
26,680lb	20 ft	lb					*40,940	*40,940	*36,790	32,200			*27,290	25,560	34.2 ft
	4.5 m	kg			*25,240	*25,240	*20,520	19,200	*17,730	14,470	15,600	11,270	*12,530	10,650	10.8 m
	15 ft	lb			*54,460	*54,460	*44,460	41,410	*38,550	31,170	*33,350	24,200	*27,580	23,540	35.5 ft
	3.0 m	kg			*28,110	25,380	*22,140	18,280	*18,610	13,950	15,320	11,000	*12,950	10,190	11.0 m
	10 ft	lb			*60,700	54,760	*47,940	39,440	*40,410	30,060	32,960	23,670	*28,510	22,490	36.1 ft
	1.5 m	kg			*29,770	24,210	*23,280	17,540	18,980	13,490	15,060	10,760	*13,710	10,080	11.0 m
	5 ft	lb			*64,440	52,180	*50,440	37,820	40,880	29,090	32,440	23,180	*30,190	22,230	36.0 ft
	0 m	kg			*29,970	23,620	*23,650	17,060	18,640	13,180	14,910	10,610	14,490	10,330	10.7 m
	0 ft	lb			*64,990	50,850	*51,260	36,780	40,160	28,420	32,140	22,900	31,940	22,770	35.2 ft
	-1.5 m	kg	*29,290	*29,290	*28,850	23,450	*23,070	16,860	18,510	13,050			15,450	10,990	10.2 m
	-5 ft	lb	*67,300	*67,300	*62,610	50,470	*49,970	36,340	39,880	28,160			34,120	24,280	33.6 ft
	-3.0 m	kg	*32,770	*32,770	*26,430	23,610	*21,300	16,930	*16,900	13,170			*15,220	12,310	9.5 m
	-10 ft	lb	*71,220	*71,220	*57,250	50,810	*45,980	36,500	*36,060	28,470			*33,510	27,270	31.1 ft
	-4.5 m	kg	*27,180	*27,180	*22,300	*22,300	*17,670	17,310					*14,280	*14,280	8.4 m
	-15 ft	lb	*58,680	*58,680	*47,940	*47,940	*37,550	37,420					*31,330	*31,330	27.5 ft
	-6.0 m	kg	*18,590	*18,590	*15,010	*15,010							*11,760	*11,760	6.9 m
	-20 ft	lb	*40,980	*40,980	*30,960	*30,960							*25,320	*25,320	22.2 ft
Boom: 7.7m	10.5 m	kg											*11,380	*11,380	8.5 m
25'3"	35 ft	lb											*25,390	*25,390	27.3 ft
Arm: 4.2m	9.0 m	kg							*14,500	*14,500			*10,570	*10,570	9.7 m
13'9"	30 ft	lb							*29,920	*29,920			*23,420	*23,420	31.4 ft
Shoe: 750mm	7.5 m	kg							*15,190	*15,190	*10,470	*10,470	*10,170	*10,170	10.5 m
30"	25 ft	lb							*33,260	*33,260	*23,080	*23,080	*22,470	*22,470	34.3 ft
CWT: 12,100kg	6.0 m	kg					*17,600	*17,600	*15,880	15,140	*14,770	11,610	*10,050	*10,050	11.1 m
26,680lb	20 ft	lb					*38,230	*38,230	*34,600	32,580	*30,260	24,890	*22,170	*22,170	36.4 ft
	4.5 m	kg	*30,630	*30,630	*23,520	*23,520	*19,370	*19,370	*16,850	14,590	*15,200	11,330	*10,160	9,690	11.5 m
	15 ft	lb	*67,540	*67,540	*50,770	*50,770	*41,980	41,970	*36,640	31,420	*33,150	24,340	*22,370	21,430	37.6 ft
	3.0 m	kg			*26,680	25,810	*21,170	18,450	*17,880	14,000	15,330	11,000	*10,470	9,290	11.6 m
	10 ft	lb			*57,610	55,670	*45,850	39,790	*38,830	30,170	32,980	23,660	*23,050	20,500	38.1 ft
	1.5 m	kg			*28,890	24,380	*22,580	17,590	*18,730	13,470	15,000	10,690	*11,030	9,180	11.6 m
	5 ft	lb			*62,490	52,550	*48,930	37,920	*40,620	29,030	32,290	23,010	*24,290	20,240	38.0 ft
	0 m	kg	*20,710	*20,710	*29,730	23,540	*23,310	16,980	18,550	13,070	14,760	10,460	*11,890	9,360	11.3 m
	0 ft	lb	*47,900	*47,900	*64,420	50,690	*50,520	36,600	39,940	28,170	31,790	22,540	*26,230	20,630	37.2 ft
	-1.5 m	kg	*28,190	*28,190	*29,230	23,190	*23,160	16,660	18,310	12,850	14,660	10,370	*13,230	9,880	10.9 m
	-5 ft	lb	*64,610	*64,610	*63,390	49,900	*50,180	35,910	39,440	27,710	31,630	22,390	*29,220	21,810	35.7 ft
	-3.0 m	kg	*35,020	*35,020	*27,440	23,210	*21,950	16,620	*17,740	12,850			*14,380	10,890	10.2 m
	-10 ft	lb	*76,000	*76,000	*59,440	49,930	*47,460	35,810	*38,150	27,730			*31,670	24,120	33.4 ft
	-4.5 m	kg	*30,170	*30,170	*24,130	23,550	*19,290	16,850	*14,690	13,150			*13,820	12,760	9.2 m
	-15 ft	lb	*65,190	*65,190	*52,010	50,700	*41,340	36,370	*30,630	28,510			*30,380	28,410	30.1 ft
	-6.0 m	kg	*22,890	*22,890	*18,480	*18,480	*13,740	*13,740					*12,320	*12,320	7.8 m
	-20 ft	lb	*48,720	*48,720	*39,070	*39,070	*27,950	*27,950					*26,820	*26,820	25.4 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 EC750E

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		4.5m, 15 ft		6.0m, 20 ft		7.5m, 25 ft		9.0m, 30 ft		10.5m, 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	Max.
Boom: 6.6m	9.0 m	kg											*16,400	*16,400	6.7 m
21'8"	30 ft	lb											*36,550	*36,550	21.3 ft
Arm: 2.9m	7.5 m	kg					*19,940	*19,940					*15,240	*15,240	7.8 m
9'6"	25 ft	lb					*39,000	*39,000					*33,720	*33,720	25.5 ft
Shoe: 900mm	6.0 m	kg			*22,880	*22,880	*20,430	*20,430					*14,880	*14,880	8.6 m
36"	20 ft	lb			*49,660	*49,660	*44,630	44,470					*32,820	*32,820	28.1 ft
CWT: 12,100kg	4.5 m	kg	*33,920	*33,920	*25,800	*25,800	*21,760	20,020	*16,820	14,950			*15,040	14,740	9.1 m
26,680lb	15 ft	lb	*72,820	*72,820	*55,810	*55,810	*47,330	43,130	*37,080	32,960			*33,120	32,630	29.7 ft
	3.0 m	kg	*39,030	*39,030	*28,770	26,990	*23,270	19,290	*20,060	14,630			*15,680	13,970	9.3 m
	10 ft	lb	*86,040	*86,040	*62,240	58,190	*50,500	41,580	*41,770	31,500			*34,510	30,840	30.4 ft
	1.5 m	kg	*34,330	*34,330	*30,760	25,910	*24,380	18,670	19,930	14,330			*16,890	13,840	9.2 m
	5 ft	lb	*82,060	*82,060	*66,630	55,820	*52,880	40,250	*42,700	30,890			*37,160	30,520	30.3 ft
	0 m	kg	*41,570	40,240	*31,190	25,320	*24,610	18,290					*18,910	14,370	8.9 m
	0 ft	lb	*90,320	86,290	*67,630	54,510	*53,330	39,420					*41,700	31,680	29.3 ft
	-1.5 m	kg	*38,750	*38,750	*29,850	25,170	*23,410	18,190					*20,100	15,790	8.3 m
	-5 ft	lb	*84,210	*84,210	*64,690	54,190	*50,540	39,250					*44,300	34,880	27.3 ft
	-3.0 m	kg	*33,640	*33,640	*26,230	25,450							*19,670	18,870	7.4 m
	-10 ft	lb	*72,850	*72,850	*56,500	54,830							*43,290	41,910	24.2 ft
	-4.5 m	kg	*24,610	*24,610									*17,610	*17,610	6.0 m
	-15 ft	lb	*52,300	*52,300									*38,410	*38,410	19.3 ft
Boom: 7.7m	10.5 m	kg											*18,710	*18,710	6.8 m
25'3"	35 ft	lb											*41,240	*41,240	22.3 ft
Arm: 2.9m	9.0 m	kg					*18,420	*18,420					*16,850	*16,850	8.2 m
9'6"	30 ft	lb					*40,590	*40,590					*37,390	*37,390	26.6 ft
Shoe: 900mm	7.5 m	kg					*18,760	*18,760	*17,490	15,190			*15,990	14,550	9.2 m
36"	25 ft	lb					*40,920	*40,920	*38,560	33,490			*35,340	32,520	30.0 ft
CWT: 12,100kg	6.0 m	kg	*30,070	*30,070	*23,680	*23,680	*19,930	*19,930	*17,750	14,950			*15,710	12,750	9.9 m
26,680lb	20 ft	lb	*66,290	*66,290	*51,130	*51,130	*43,280	43,180	*38,750	32,150			*34,630	28,300	32.3 ft
	4.5 m	kg			*26,700	*26,700	*21,450	19,140	*18,440	14,500			*15,830	11,720	10.3 m
	15 ft	lb			*57,580	*57,580	*46,480	41,310	*40,100	31,250			*34,860	25,920	33.7 ft
	3.0 m	kg			*29,170	25,200	*22,840	18,300	*19,140	14,040			15,620	11,200	10.4 m
	10 ft	lb			*63,000	54,410	*49,480	39,480	*41,550	30,260			34,450	24,720	34.3 ft
	1.5 m	kg			*30,150	24,290	*23,660	17,660	19,220	13,650			15,540	11,110	10.4 m
	5 ft	lb			*65,330	52,350	*51,280	38,090	41,400	29,440			34,250	24,490	34.1 ft
	0 m	kg			*29,650	23,930	*23,640	17,300	18,970	13,420			16,040	11,440	10.1 m
	0 ft	lb			*64,390	51,530	*51,250	37,310	40,880	28,960			35,380	25,220	33.3 ft
	-1.5 m	kg	*28,620	*28,620	*27,930	23,940	*22,590	17,220	*18,250	13,400			*16,270	12,310	9.6 m
	-5 ft	lb	*66,320	*66,320	*60,660	51,520	*48,920	37,120	*39,260	28,950			*35,870	27,180	31.6 ft
	-3.0 m	kg	*29,680	*29,680	*24,870	24,230	*20,150	17,420					*15,600	14,030	8.8 m
	-10 ft	lb	*64,630	*64,630	*53,870	52,160	*43,390	37,580					*34,330	31,110	28.9 ft
	-4.5 m	kg	*23,420	*23,420	*19,770	*19,770	*14,870	*14,870					*13,960	*13,960	7.7 m
	-15 ft	lb	*50,490	*50,490	*42,300	*42,300	*32,780	*32,780					*30,510	*30,510	25.0 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.

LIFTING CAPACITY EC750E

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		4.5m, 15 ft		6.0m, 20 ft		7.5m, 25 ft		9.0m, 30 ft		10.5m, 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	Max.
Boom: 7.7m	10.5 m	kg					*15,240	*15,240					*14,200	*14,200	7.6 m
25'3"	35 ft	lb					*33,600	*33,600					*31,730	*31,730	24.4 ft
Arm: 3.55m	9.0 m	kg											*13,060	*13,060	8.9 m
11'8"	30 ft	lb											*28,950	*28,950	28.9 ft
Shoe: 900mm	7.5 m	kg					*17,560	*17,560	*16,330	15,520			*12,530	*12,530	9.8 m
36"	25 ft	lb					*38,280	*38,280	*35,810	33,310			*27,670	*27,670	32.1 ft
CWT: 12,100kg	6.0 m	kg					*18,850	*18,850	*16,870	15,170			*12,380	11,690	10.5 m
26,680lb	20 ft	lb					*40,940	*40,940	*36,790	32,650			*27,290	25,940	34.2 ft
	4.5 m	kg			*25,240	*25,240	*20,520	19,460	*17,730	14,680	15,840	11,440	*12,530	10,810	10.8 m
	15 ft	lb			*54,460	*54,460	*44,460	41,980	*38,550	31,620	*33,350	24,570	*27,580	23,910	35.5 ft
	3.0 m	kg			*28,110	25,730	*22,140	18,540	*18,610	14,150	15,560	11,170	*12,950	10,350	11.0 m
	10 ft	lb			*60,700	55,520	*47,940	40,000	*40,410	30,500	33,480	24,040	*28,510	22,850	36.1 ft
	1.5 m	kg			*29,770	24,560	*23,280	17,800	*19,260	13,700	15,300	10,930	*13,710	10,240	11.0 m
	5 ft	lb			*64,440	52,940	*50,440	38,380	41,520	29,530	32,960	23,550	*30,190	22,590	36.0 ft
	0 m	kg			*29,970	23,970	*23,650	17,320	18,940	13,390	15,150	10,780	14,720	10,490	10.7 m
	0 ft	lb			*64,990	51,610	*51,260	37,340	40,800	28,860	32,660	23,270	32,460	23,130	35.2 ft
	-1.5 m	kg	*29,290	*29,290	*28,850	23,810	*23,070	17,120	*18,800	13,260			*15,560	11,170	10.2 m
	-5 ft	lb	*67,300	*67,300	*62,610	51,230	*49,970	36,900	40,520	28,610			*34,290	24,670	33.6 ft
	-3.0 m	kg	*32,770	*32,770	*26,430	23,970	*21,300	17,190	*16,900	13,370			*15,220	12,500	9.5 m
	-10 ft	lb	*71,220	*71,220	*57,250	51,580	*45,980	37,070	*36,060	28,920			*33,510	27,690	31.1 ft
	-4.5 m	kg	*27,180	*27,180	*22,300	*22,300	*17,670	17,580					*14,280	*14,280	8.4 m
	-15 ft	lb	*58,680	*58,680	*47,940	*47,940	*37,550	*37,550					*31,330	*31,330	27.5 ft
	-6.0 m	kg	*18,590	*18,590	*15,010	*15,010							*11,760	*11,760	6.9 m
	-20 ft	lb	*40,980	*40,980	*30,960	*30,960							*25,320	*25,320	22.2 ft
Boom: 7.7m	10.5 m	kg											*11,380	*11,380	8.5 m
25'3"	35 ft	lb											*25,390	*25,390	27.3 ft
Arm: 4.2m	9.0 m	kg							*14,500	*14,500			*10,570	*10,570	9.7 m
13'9"	30 ft	lb							*29,920	*29,920			*23,420	*23,420	31.4 ft
Shoe: 900mm	7.5 m	kg							*15,190	*15,190	*10,470	*10,470	*10,170	*10,170	10.5 m
36"	25 ft	lb							*33,260	*33,260	*23,080	*23,080	*22,470	*22,470	34.3 ft
CWT: 12,100kg	6.0 m	kg					*17,600	*17,600	*15,880	15,350	*14,770	11,780	*10,050	*10,050	11.1 m
26,680lb	20 ft	lb					*38,230	*38,230	*34,600	33,020	*30,260	25,260	*22,170	*22,170	36.4 ft
	4.5 m	kg	*30,630	*30,630	*23,520	*23,520	*19,370	*19,370	*16,850	14,800	*15,200	11,500	*10,160	9,840	11.5 m
	15 ft	lb	*67,540	*67,540	*50,770	*50,770	*41,980	*41,980	*36,640	31,870	*33,150	24,710	*22,370	21,770	37.6 ft
	3.0 m	kg			*26,680	26,160	*21,170	18,710	*17,880	14,210	15,570	11,170	*10,470	9,440	11.6 m
	10 ft	lb			*57,610	56,430	*45,850	40,360	*38,830	30,610	33,500	24,030	*23,050	20,840	38.1 ft
	1.5 m	kg			*28,890	24,740	*22,580	17,850	*18,730	13,680	15,240	10,860	*11,030	9,330	11.6 m
	5 ft	lb			*62,490	53,320	*48,930	38,490	*40,620	29,470	32,810	23,380	*24,290	20,570	38.0 ft
	0 m	kg	*20,710	*20,710	*29,730	23,900	*23,310	17,240	18,840	13,280	15,000	10,630	*11,890	9,510	11.3 m
	0 ft	lb	*47,900	*47,900	*64,420	51,460	*50,520	37,170	40,570	28,620	32,310	22,910	*26,230	20,970	37.2 ft
	-1.5 m	kg	*28,190	*28,190	*29,230	23,550	*23,160	16,920	18,610	13,060	14,900	10,540	*13,230	10,040	10.9 m
	-5 ft	lb	*64,610	*64,610	*63,390	50,670	*50,180	36,470	40,080	28,160	32,150	22,760	*29,220	22,170	35.7 ft
	-3.0 m	kg	*35,020	*35,020	*27,440	23,560	*21,950	16,880	*17,740	13,050			*14,380	11,070	10.2 m
	-10 ft	lb	*76,000	*76,000	*59,440	50,700	*47,460	36,380	*38,150	28,170			*31,670	24,510	33.4 ft
	-4.5 m	kg	*30,170	*30,170	*24,130	23,900	*19,290	17,120	*14,690	13,360			*13,820	12,960	9.2 m
	-15 ft	lb	*65,190	*65,190	*52,010	51,460	*41,340	36,940	*30,630	28,960			*30,380	28,860	30.1 ft
	-6.0 m	kg	*22,890	*22,890	*18,480	*18,480	*13,740	*13,740					*12,320	*12,320	7.8 m
	-20 ft	lb	*48,720	*48,720	*39,070	*39,070	*27,950	*27,950					*26,820	*26,820	25.4 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.

Equipment

STANDARD EQUIPMENT

Engine

- Turbocharged, 4 stroke diesel engine with water cooling, direct injection and charged air cooler that meets Tier 4f requirements
- Air filter with indicator
- Air intake heater
- Cyclone pre-cleaner
- Electric engine shut-off
- Fuel filter and water separator
- Alternator, 80 A

Electric / Electronic control system

- Contronics
  - Advanced mode control system
  - Self-diagnostic system
- Machine status indication
- Engine speed sensing power control
- Emergency engine stop switch
- Automatic idling system
- Short cut switch
- Safety stop/start function
- Adjustable 8inch LCD color monitor
- Master electrical disconnect switch
- Engine restart prevention circuit
- High-capacity halogen lights:
  - Cab-mounted 2
  - Frame-mounted 2
  - Boom-mounted 4
- Batteries, 2 x 12 V / 210 Ah
- Start motor, 24 V / 7 kW
- Travel alarm

Frame

- Access way with handrail
- Tool storage area
- Side walk-way
- Under cover (heavy duty 4.5mm (0.2"))
- Punched metal anti-slip plates
- 12,100 kg (26,680 lb) removal type

Undercarriage

- Mechanically retractable track gauge
- Greased and sealed track link

Hydraulic System

- Overload warning device
- Automatic sensing hydraulic system
  - Summation system
  - Boom priority
  - Arm priority
  - Swing priority
- ECO mode fuel saving technology
- Boom and arm regeneration valves
- Swing anti-rebound valves
- Boom and arm holding valves
- Multi-stage filtering system
- Cylinder cushioning
- Cylinder contamination seals
- Auxiliary hydraulic valve
- Automatic two-speed travel motors
- Straight travel pedal
- Bucket conflux
- Boom float function without HRV

STANDARD EQUIPMENT

- Hydraulic piping:
  - Work tool management system (up to 20 programmable memories)
  - Hammer & shear: variable flow and pressure pre-setting
- Hydraulic oil, ISO VG 46

Cab and interior

- Silicon oil and rubber mounts with spring
- Adjustable operator seat with heater and air suspension
- Control joysticks with 4 switches each
- Heater & air-conditioner, automatic
- Pilot control pattern change
- Top hatch opening
- Flexible antenna
- AM/FM stereo with MP3, USB and bluetooth input
- 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
  - Rain shield
  - Windshield wiper with intermittent feature
- Volvo Smart View
- Master key

Track Guard

- Track shoes, 900 mm (36") with double grouser

Digging equipment

- Boom: ME 7.7 m (25'3")
- Arm: ME 3.55 m (11'8")
- Manual centralized lubrication

Service

- Tool kit, daily maintenance

OPTIONAL EQUIPMENT

Engine
Block heater: 120 V, 240 V
Fuel filler pump, 100 lpm (26.4gpm) with automatic shut-off
Dual stage oil bath pre-cleaner
Diesel coolant heater, 12kW
Water separator with heater
Auto engine shutdown
Electric
Extra work lights: Halogen/LED
Cab-mounted 3 (front 2, rear 1)
Boom-mounted 4
Frame-mounted 2
Counterweight-mounted 1
Anti-theft system
Flashing warning beacon
Frame
Full height counterweight 12,100kg (26,680lb)
Undercarriage
Full track guard
Hydraulic System
Hose rupture valve: arm
Boom float function with HRV
Hydraulic piping:
Additional return filter
Slope & rotator piping
Quick coupler piping
Hydraulic oil, ISO VG 32, 68
Hydraulic oil, biodegradable 46
Hydraulic hose for Artic
Hose rupture valve: boom

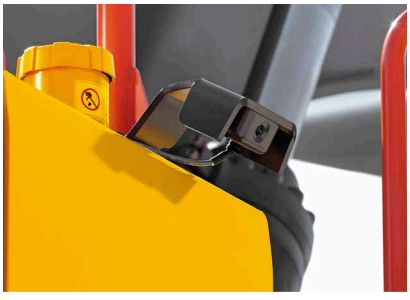
OPTIONAL EQUIPMENT

Cab and interior
One-piece fixed front windshield
High Visibility cabin
Control joysticks with 3 switch & 1 propotional
Falling object guard (FOG)
Frame-mounted
Cab-mounted
Cab-mounted falling object protective structure (FOPS)
Dig Assist options
Safety net for front window
Sunlight protection, roof (steel)
Lower wiper with intermittent control
Cleaning air gun
Rear view camera
Side view camera
Anti-vandalism kit
Specific key
Track shoes
650/750mm (26"/30") track shoes with double grousers
Digging equipment
Boom: 6.6 m (21'8") ME
Arm: 2.9 m (9'6"), 4.2m (13'10")
Service
Tool kit, full scale
Special tool for retractable frame
Automatic lubrication system

SELECTION OF VOLVO OPTIONAL EQUIPMENT

Auto lubrication system

Volvo Smart View



Boom float

Dual stage oil bath pre-cleaner

High Visibility Cabin

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.

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