Volvo Construction Equipment





Volvo Excavators 72.8-74.9 t 534 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 industry experts. 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.













Volvo Trucks

Renault Trucks



VOLVO



















UD Trucks

Volvo Construction Equipment





Volvo Penta

Volvo Financial Services

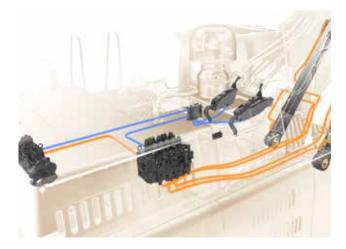
Volvo Buses

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 electrohydraulic 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

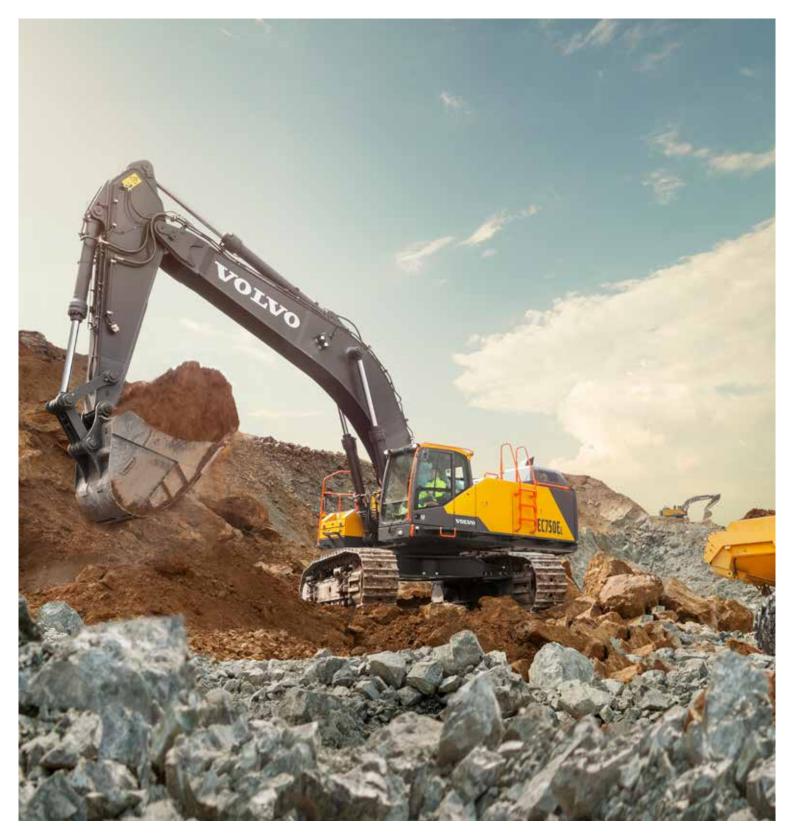
Achieve outstanding fuel efficiency with Volvo's unique ECO Mode. ECO Mode optimizes the hydraulic system to reduce loss of flow and pressure – resulting in improved fuel efficiency without any loss of performance in most operating conditions.



Operator's choice

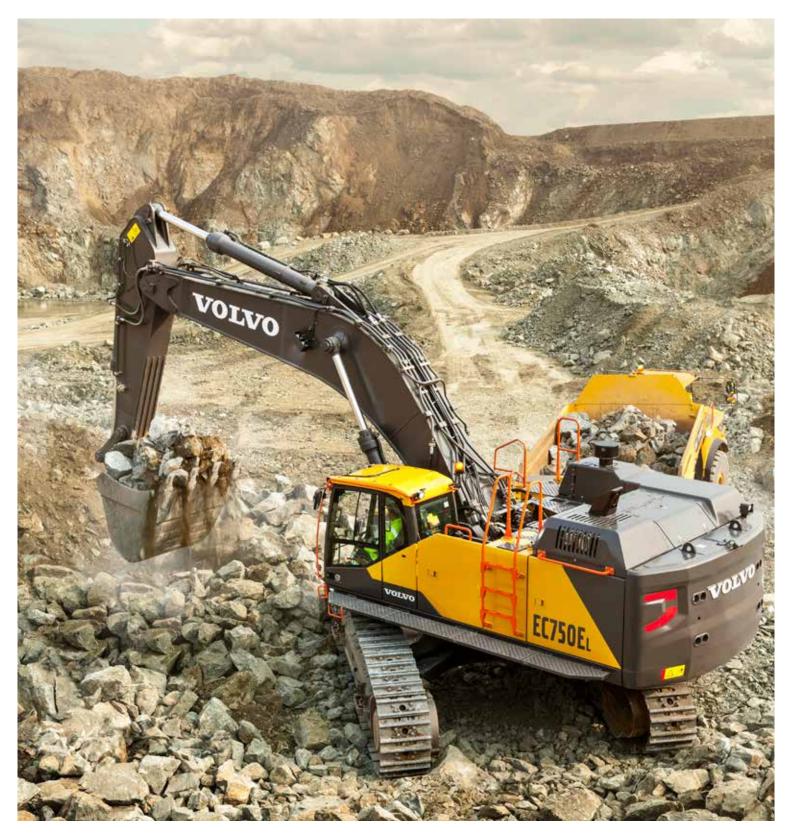
Take on the most demanding working environments from the comfort of Volvo's industry-leading cab. The low noise cab provides ample storage and leg room, 12 air-conditioner vents and adjustable seat, keeping the operator fresh, alert and focused – longer. Ergonomically positioned interfaces – including 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 electrohydraulic 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), H (Heavy) and P (Power max).



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 hardto-reach areas of your job site.



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.



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.



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.



Easy service access

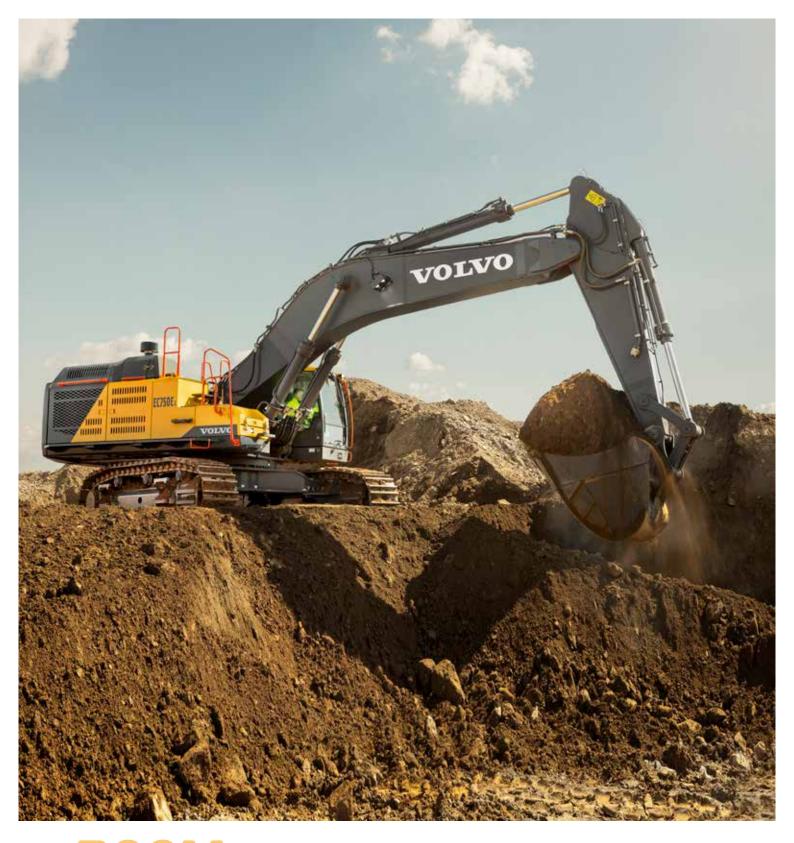
Maximize uptime with quick and safer servicing. Essential maintenance points are easily accessed via the wide-opening and conveniently located compartment doors using central and surrounding walkways.



Robust protection

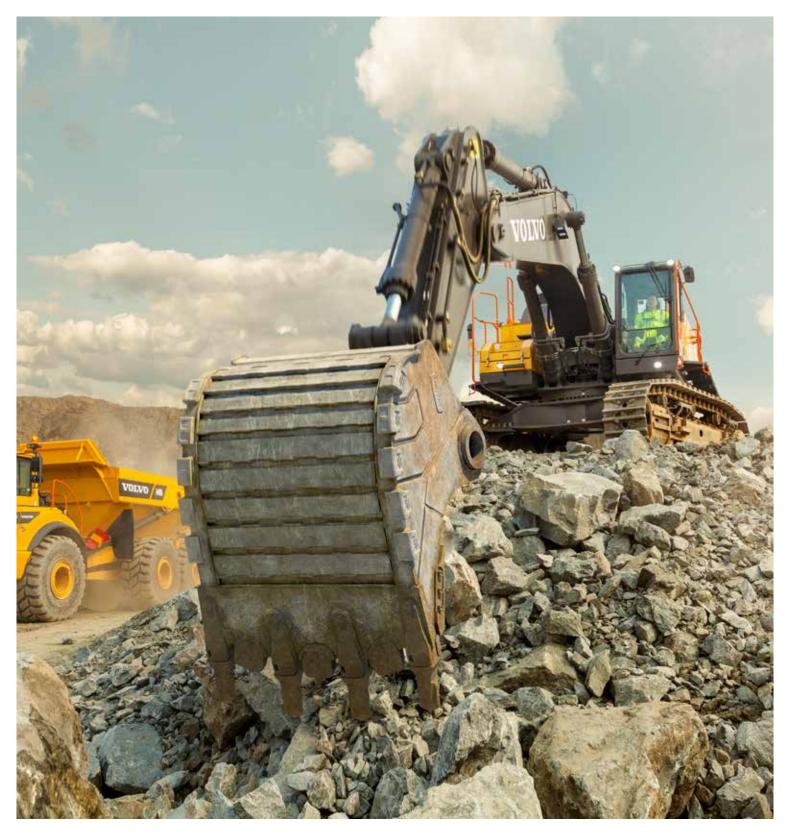
For added safety and durability, optional FOG (Falling Object Guard) and FOPS (Falling Object Protective Structure) certified cabs provide peace-of-mind for working in tough applications. The EC750E can also be fitted with a full length track guard for added protection.





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 in some regions – 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 Volvo 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 Volvo 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 electrohydraulic system.

AdBlue®

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

 $\circledast = {\sf registered}\ {\sf trademark}\ {\sf of}\ {\sf the}\ {\sf Verband}\ {\sf der}\ {\sf Automobilindustrie}\ {\sf e.V.}\ {\sf (VDA)}$

CUSTOMER SUPPORT AGREEMENTS

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

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.

EC750E in detail

Engine

The latest generation, Volvo engine Tier 4f (Stage IV) 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.

1010101		
Engine	Volvo	D16J
Max power at	r/min	1 800
Net, ISO 9249/SAE J1349	kW	392
	hp	533
Gross, ISO 14396/SAE J1995	kW	393
	hp	534
Max torque	Nm	2 570
at engine speed	r/min	1 350
No. of cylinders		6
Displacement	I	16.1
Bore	mm	144
Stroke	mm	165

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/Ah	28/80

Undercarriage

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

Track shoes		48x2
Link pitch	mm	260.4
Shoe width, double grouser	mm	650/750/900
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	275.5
Travel system		
Each track is powered by an automatic two-spee brakes are multi-disc. spring-applied and hydraul brake and planetary gears are well protected with	lic released. Th	e travel motor.
Max. drawbar pull	kN	472
Max. travel speed (low)	km/h	2.9

Max. travel speed (high)	km/h	4.6
Gradeability	٥	35
Service Refill		
Fuel tank	I	800
DEF/AdBlue® tank	I	80
Hydraulic system, total	I	655
Hydraulic tank	I	350
Engine oil	I	52
Engine coolant	I	66
Slew reduction unit	I	2 x 6.8

T

2 x 13.5

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. 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 2x450 Maximum flow l/min Pilot pump. Type Gear pump 1x34.5 Maximum flow I/min Relief value setting pressure MPa 33.8/35.8 Implement Travel circuit MPa 33.8 Slew circuit MPa 26.5 Pilot circuit MPa 3.9 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 200 x 1 790 ø x mm Arm 1 215×2070 Bore x Stroke ø x mm Bucket Bore x Stroke ø x mm 190 x 1 450 ME Bucket 1 Bore x Stroke 200 x 1 450 ø x mm 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.

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 level in cab according to ISO 6396		
LpA	dB(A)	72
External sound level according to ISO 6395 a Directive (2000/14/EC) and 474-1:2006 +A		
LwA	dB(A)	108

Travel reduction unit

Specifications

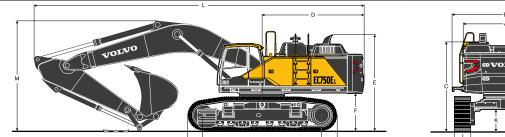
				E	C750	E			
		Boom 6.6	m, Arm 2.9m, Bı	ucket 4.4m ³		Boom 7.7 m, Arm 3.55m, Bucket 3.3m ³			
		Co	Counterweight 12 100kg Counterweight 12 100kg			Okg			
Description	Shoe width	Operating weigh	Ground pressure	Overall width		Operating weight Ground pressure		Overall width	
	mm	kg	kPa	mm		kg	kPa	mm	
	650	73 500	106.8	4 185		73 100	106.2	4 185	
Double grouser	750	74 200	93.5	4 190		73 800	93.0	4 190	
	900	75 300	79.0	4 340		74 900	78.6	4 340	
BUCKET SELEC	TION GUI	DE							
		0					EC750E		
Bucket two		Capacity Cutt		Weight 1	eeth	6.2m Boom	7.7m E	Boom	

			.				EC750E			
Bucket type		Capacity	Cutting width	Tip radius	Weight	Teeth	6.2m Boom		7.7m Boom	
			wiath				650mm shoe, 12 100kg counterweight			
		m ³	mm	mm	kg	EA	2.9m	2.9m	3.55m	4.2m
		1.99	1 200	2 177	2 580	5	С	С	С	С
	General	4.40	2 150	2 190	3 770	5	С	С	В	А
		4.65	2 250	2 177	3 986	5	С	С	В	А
	Purpose	4.85	2 330	2 177	4 099	5	С	В	В	А
Direct fit		5.16	2 450	2 177	4 311	6	С	В	А	Х
	1.99 3.30	1.99	1 200	2 1 9 0	2 864	4	D	D	D	D
Buckets(V4) • Universal Cut		1 720	2 190	3 615	4	D	D	D	D	
		4.00	2 000	2 1 9 0	4 125	5	D	D	С	В
	Heavy	4.40	2 150	2 190	4 324	5	D	С	В	А
	Duty	4.65	2 250	2 190	4 439	5	D	С	В	А
		4.85	2 330	2 190	4 590	5	D	В	А	Х
		5.16	2 450	2 190	4 832	6	С	В	А	Х
Direct fit Buckets(V6)	Heavy	4.40	2 200	2 445	4 962	4	D	С	В	А
	duty	4.60	2 300	2 445	5 123	4	D	С	В	А
	Extreme	4.20	2 140	2 445	5 227	4	D	С	В	А
 Aggressive cut 	duty	4.40	2 200	2 445	5 326	4	D	С	В	А

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.

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DIMENSIONS



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Des	cription	Unit	EC750E					
Boo	m	m	6.6		7.7			
Arm	Arm		2.9	2.9	3.55	4.2		
Α	Overall width of superstructure	mm	3 420	3 420	3 420	3 420		
В	Overall width (Upper Structure)	mm	4 290	4 290	4 290	4 290		
С	Overall height of cab	mm	3 520	3 520	3 520	3 520		
D	Tail swing radius	mm	4 1 4 0	4 140	4 1 4 0	4 140		
E	Overall height of diffuser	mm	3 850	3 850	3 850	3 850		
	Overall height of guard rail	mm	4 000	4 000	4 000	4 000		
	Overall height of engine hood	mm	3 540	3 540	3 540	3 540		
	Overall height of rain cap	mm	3 790	3 790	3 790	3 790		
	Overall height of cyclone	mm	3 850	3 850	3 850	3 850		
	Overall height of oil bath	mm	4 100	4 100	4 100	4 100		
F	Counterweight clearance *	mm	1 507	1 507	1 507	1 507		
G	Tumbler length	mm	4 750	4 750	4 750	4 750		
Н	Track length	mm	5 990	5 990	5 990	5 990		
I.	Track guage (extended)	mm	3 440	3 440	3 440	3 440		
	Track guage (retracted)	mm	2 750	2 750	2 750	2 750		
J	Shoe width	mm	650	650	650	650		
K	Min. ground clearance *	mm	858	858	858	858		
L	Overall length	mm	12 200	13 320	13 220	13 160		
М	Overall height of boom	mm	4 855	4 660	4 600	4 950		

* With shoe grouser

Specifications

DIMENSIONS

Description	Unit	EC750E		
Boom	m	6.6	7.7	
Length	mm	6 940	8 040	
Height	mm	2 530	2 210	
Width	mm	1 100	1 100	
Weight	kg	7 320	7 710	

* Includes cylinder, piping and pin

Description	Unit	EC750E				
Boom	m	2.9	3.55	4.2		
Length	mm	4 280	4 960	5 600		
Height	mm	1 530	1 410	1 380		
Width	mm	740	740	740		
Weight	kg	4 120	4 210	4 520		

Includes bucket cylinder, linkage and pin

Cylinder			
Length	Height	Width	Weight
mm	mm	mm	kg
2 525	560	370	710 x 2 set = 1 420

Counterweight											
Length	Height	Width	Weight								
mm	mm	mm	kg								
3 420	1 750	660	12 100								

Undercarriage

Shoe width	Length	Height	Overall width	Weight
mm	mm	mm	mm	kg
650	5 990	1 375	1 080	10 600 x 2
750	5 990	1 375	1 080	10 950 x 2
900	5 990	1 375	1 160	11 500 x 2

Superstructure without counterweight

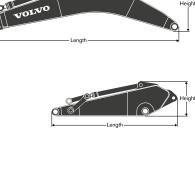
Superstructure without co	Superstructure without counterweight									
Length	Height of cab	Height of diffuser	Width	Weight						
mm	mm	mm	mm	kg						
5 550	2 655	2 995	3 430	23 150						
* Height of rain cap	2 935									
* Height of cyclone	2 995									
* Height of oil bath	3 245									

Superstructure including UC, excluding CWT

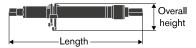
Shoe width	Length	Height of diffuser	Overall width (retracted)	Weight
mm	mm	mm	mm	kg
650	6 780	3 850	3 495	44 350
750	6 780	3 850	3 500	45 050
900	6 780	3 850	3 650	46 150
* Height of rain cap		3 790		
* Height of cyclone		3 850		
* Height of oil bath		4 100		

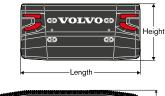
Superstructure, including UC and Boom, excluding CWT

Boom	Shoe width	Length	Height of diffuser	Overall width (retracted)	Weight
m	mm	mm	mm	mm	kg
	650	10 190	3 850	3 495	53 090
6.6	750	10 190	3 850	3 500	53 790
	900	10 190	3 850	3 650	54 890
	650	11 350	3 850	3 495	53 480
7.7	750	11 350	3 850	3 500	54 180
	900	11 350	3 850	3 650	55 280
* Height of rain cap			3 790		0
* Height of cyclone			3 850		
* Height of oil bath			4 100		
					J.NO



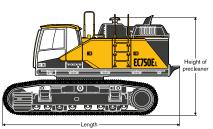
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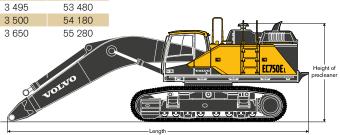




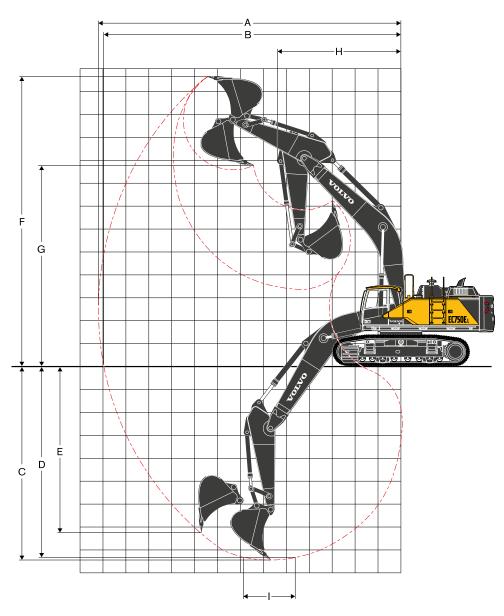












WORKING RANGES							
Description	Unit		EC7	'50E			
Boom	m	6.6		7.7			
Arm		2.9	2.9	3.55	4.2		
A Max. digging reach	mm	11 460	12 570	13 130	13 750		
B Max. digging reach on	ground mm	11 160	12 300	12 870	13 500		
C Max. digging depth	mm	7 210	7 720	8 370	9 020		
D Max. digging depth (I	= 2.44 m level) mm	7 060	7 570	8 240	8 900		
E Max. vertical wall digg	ing depth mm	5 650	6 740	7 390	8 010		
F Max. cutting height	mm	10 940	12 430	12 600	12 910		
G Max. dumping height	mm	7 000	8 450	8 650	8 970		
H Min. front swing radius	s mm	5 130	5 460	5 390	5 430		
DIGGING FORCES W	ITH DIRECT FIT B	UCKET					
Breakout force -bucket	SAE J1179 kN	323/342	300/318	303/320	303/320		
(Normal/Power boost)	ISO 6015 kN	362/383	336/356	339/359	339/359		
Tearout force -dipper arm	SAE J1179 kN	311/329	316/334	277/293	248/262		
(Normal/Power boost)	ISO 6015 kN	319/337	322/341	282/298	252/266		
Rotation angle, bucket	kN	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

		Lifting hook		4.5	m	6.0) m	7.5	m	9.0) m	10.5	o m	Ma	ax. reach	1
		related to ground level		Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Ma
Boom :		9.0 m												*16 400		
Arm :	2.9m	7.5 m	kg			*00.000	*00.000	*19 940							*15 240	
Shoe : CWT :	750mm 12 100kg	6.0 m 4.5 m	kg kg	*22 020	*33 920	*22 880	*22 880	*20 430 *21 760	20 410 19 760	*16 820	14 740			*15 040	*14 880	
	12 100kg	3.0 m	kg		*39 030			*23 270	19 030		14 430			*15 680		
		1.5 m		*34 330				*24 380	18 410	19 640	14 130			*16 890	13 640	
		0 m	kg	*41 570	39 680	*31 190	24 960	*24 610	18 020					*18 910	14 160) 8
		-1.5 m		*38 750				*23 410	17 930					*20 100	15 560	
		-3.0 m	kg			*26 230	25 100							*19 670		
Boom :	7.7m	-4.5 m		*24 610	24 010										*17 610	
Arm :	2.9m	9.0 m						*18 420	*18 420						*16 850	
Shoe :	750mm	7.5 m	kg					*18 760	*18 760	*17 490	14 980			*15 990		
CWT :	12 100kg			*30 070	*30 070		*23 680	*19 930	19 770	*17 750	14 740			*15 710		
		4.5 m	<u> </u>			*26 700		*21 450		*18 440	14 300			*15 830		
		3.0 m 1.5 m	kg			*29 170 *30 150	24 850	*22 840 *23 660	18 040 17 400	*19 140 18 920	13 830 13 450			15 370 15 300	11 030	
		0 m				*29 650		*23 640	17 040	18 680	13 220			15 300		
		-1.5 m	kg	*28 620	*28 620			*22 590		*18 250	13 190			*16 270		
		-3.0 m	kġ		*29 680			*20 150	17 150					*15 600		
				*23 420	*23 420	*19 770	*19 770	*14 870	*14 870						*13 960	
Boom :		9.0 m	kg					*10.040	*10.040					*16 400		
Arm : Shoe :	2.9m 650mm	7.5 m 6.0 m				*22.880	*22 880		*19 940 20 240					*15 240	*15 240 *14 880	
CWT :	12 100kg	4.5 m		*33 920	*33,920					*16 820	14 610			*15 040		
	roong	3.0 m	kg		*39 030			*23 270	18 860	19 770	14 290			*15 680		
		1.5 m			*34 330	*30 760	25 320	*24 380	18 240	19 440	13 990			*16 890) (
		0 m	kg			*31 190		*24 610	17 850					*18 910		
		-1.5 m				*29 850		*23 410	17 760					*20 100		
		-3.0 m		*24 610	*33 640	20 230	24 860							*19 670	18 420 *17 610	
		10.5 m	ka	24010	24010									*18 710		
Boom :	7.7m	9.0 m	kg					*18 420	*18 420					*16 850		
Arm :	2.9m	7.5 m	kq					*18 760	*18 760		14 840			*15 990		
Shoe :	650mm	6.0 m	kg	*30 070	*30 070					*17 750	14 600			*15 710		
CWT :	12 100kg	4.5 m 3.0 m				*26 700 *29 170		*21 450 *22 840		*18 440	14 160 13 690			*15 830 15 210	11 430	
		1.5 m	kg kg			*30 150		*23 660	17 230	18 730	13 310			15 210	10 920	
		0 m	kg			*29 650		*23 640	16 870		13 080			15 630		
		-1.5 m	kg	*28 620	*28 620			*22 590		*18 250	13 060			*16 270	11 990	
		-3.0 m				*24 870		*20 150	16 980					*15 600		
				*23 420	*23 420	*19 770	*19 770							*13 960		
Boom: Arm:	7.7m 3.55m	10.5 m 9.0 m	kg					^15 240	*15 240					*13 060	*14 200 *13 060	
	3.55m	9.0 11														
Shoe :	650mm	7.5 m	ka					*17 560	*17 560	*16.330	15 180			*12 530		
	650mm 12 100kg	7.5 m 6.0 m	kg					*17 560 *18 850	*17 560 *18 850	*16 330 *16 870	15 180 14 830			*12 530 *12 380		
		7.5 m	kg kg				*25 240	*18 850 *20 520	*18 850 19 030	*16 870 *17 730	14 830 14 340	15 440		*12 380 *12 530	*12 530 11 410 10 540) 1(
		7.5 m 6.0 m 4.5 m 3.0 m	kg kg kg kg			*28 110	25 140	*18 850 *20 520 *22 140	*18 850 19 030 18 110	*16 870 *17 730 *18 610	14 830 14 340 13 810	15 160	10 890	*12 380 *12 530 *12 950	*12 530 11 410 10 540 10 080) 1() 1() 1 ⁻
		7.5 m 6.0 m 4.5 m 3.0 m 1.5 m	kg kg kg kg			*28 110 *29 770	25 140 23 970	*18 850 *20 520 *22 140 *23 280	*18 850 19 030 18 110 17 360	*16 870 *17 730 *18 610 18 790	14 830 14 340 13 810 13 360	15 160 14 900	10 890 10 650	*12 380 *12 530 *12 950 *13 710	*12 530 11 410 10 540 10 080 9 980) 1() 1() 1 ⁻) 1 ⁻
		7.5 m 6.0 m 4.5 m 3.0 m 1.5 m 0 m	kg kg kg kg kg	*20.200	*20.200	*28 110 *29 770 *29 970	25 140 23 970 23 380	*18 850 *20 520 *22 140 *23 280 *23 650	*18 850 19 030 18 110 17 360 16 890	*16 870 *17 730 *18 610 18 790 18 450	14 830 14 340 13 810 13 360 13 040	15 160 14 900	10 890 10 650	*12 380 *12 530 *12 950 *13 710 14 330	*12 530 11 410 10 540 10 080 9 980 10 220) 1() 1() 1 ⁻¹) 1 ⁻¹) 1(
		7.5 m 6.0 m 4.5 m 3.0 m 1.5 m 0 m -1.5 m	kg kg kg kg kg kg	*29 290		*28 110 *29 770 *29 970 *28 850	25 140 23 970 23 380 23 220	*18 850 *20 520 *22 140 *23 280 *23 650 *23 070	*18 850 19 030 18 110 17 360 16 890 16 690	*16 870 *17 730 *18 610 18 790 18 450 18 310	14 830 14 340 13 810 13 360 13 040 12 920	15 160 14 900	10 890 10 650	*12 380 *12 530 *12 950 *13 710 14 330 15 290	*12 530 11 410 10 540 10 080 9 980 10 220 10 880) 1() 1() 1 ⁻¹) 1 ⁻¹) 1() 1(
		7.5 m 6.0 m 4.5 m 3.0 m 1.5 m 0 m -1.5 m -3.0 m	kg kg kg kg kg kg kg	*29 290 *32 770	*32 770	*28 110 *29 770 *29 970 *28 850 *26 430	25 140 23 970 23 380 23 220 23 380	*18 850 *20 520 *22 140 *23 280 *23 650 *23 070 *21 300	*18 850 19 030 18 110 17 360 16 890 16 690 16 760	*16 870 *17 730 *18 610 18 790 18 450 18 310	14 830 14 340 13 810 13 360 13 040 12 920	15 160 14 900	10 890 10 650	*12 380 *12 530 *12 950 *13 710 14 330 15 290 *15 220	*12 530 11 410 10 540 10 080 9 980 10 220 10 880 12 180) 1() 1() 1 ⁻¹) 1 ⁻¹) 1() 1() () () (
CWT :	12 100kg	7.5 m 6.0 m 4.5 m 3.0 m 1.5 m -1.5 m -3.0 m -4.5 m -6.0 m	kg kg kg kg kg kg kg kg kg	*29 290 *32 770 *27 180 *18 590	*32 770 *27 180	*28 110 *29 770 *29 970 *28 850 *26 430 *22 300	25 140 23 970 23 380 23 220 23 380 *22 300	*18 850 *20 520 *22 140 *23 280 *23 650 *23 070 *21 300	*18 850 19 030 18 110 17 360 16 890 16 690 16 760	*16 870 *17 730 *18 610 18 790 18 450 18 310	14 830 14 340 13 810 13 360 13 040 12 920	15 160 14 900	10 890 10 650	*12 380 *12 530 *12 950 *13 710 14 330 15 290	*12 530 11 410 10 540 10 080 9 980 10 220 10 880 12 180 *14 280 *11 760	10 10 110
CWT : Boom :	12 100kg 7.7m	7.5 m 6.0 m 4.5 m 3.0 m -1.5 m -1.5 m -3.0 m -4.5 m -6.0 m	kg k	*29 290 *32 770 *27 180 *18 590	*32 770 *27 180	*28 110 *29 770 *29 970 *28 850 *26 430 *22 300	25 140 23 970 23 380 23 220 23 380 *22 300	*18 850 *20 520 *22 140 *23 280 *23 650 *23 070 *21 300	*18 850 19 030 18 110 17 360 16 890 16 690 16 760	*16 870 *17 730 *18 610 18 790 18 450 18 310 *16 900	14 830 14 340 13 810 13 360 13 040 12 920 13 030	15 160 14 900	10 890 10 650	*12 380 *12 530 *12 950 *13 710 14 330 15 290 *15 220 *15 220 *14 280 *11 760 *11380	*12 530 11 410 10 540 10 080 9 980 10 220 10 880 12 180 *14 280 *11 760 *11380	10 10 11 12 12 13 14 14 15 15 16 17 17 18 11 11 11 12 12 13 14 14 15 16 16 17 17 18 19 10 10 10 10 10 10 10 10 10
CWT : Boom : Arm :	12 100kg 7.7m 4.2m	7.5 m 6.0 m 4.5 m 3.0 m -1.5 m -3.0 m -4.5 m -6.0 m 10.5 m 9.0 m	kg kg kg kg kg kg kg kg kg	*29 290 *32 770 *27 180 *18 590	*32 770 *27 180	*28 110 *29 770 *29 970 *28 850 *26 430 *22 300	25 140 23 970 23 380 23 220 23 380 *22 300	*18 850 *20 520 *22 140 *23 280 *23 650 *23 070 *21 300	*18 850 19 030 18 110 17 360 16 890 16 690 16 760	*16 870 *17 730 *18 610 18 790 18 450 18 310 *16 900	14 830 14 340 13 810 13 360 13 040 12 920 13 030 *14500	15 160 14 900 14 750	10 890 10 650 10 500	*12 380 *12 530 *12 950 *13 710 14 330 15 290 *15 220 *14 280 *11 760 *11380 *10570	*12 530 11 410 10 540 10 080 9 980 10 220 10 880 12 180 *14 280 *11 760 *11380 *10570	10 10 11 12 13 14 15 16 17 18 11 11 12 13 14 14 15 16 16 17 18 19 10 10 11 11 12 12 14
CWT : Boom : Arm : Shoe :	12 100kg 7.7m 4.2m 650mm	7.5 m 6.0 m 4.5 m 3.0 m -1.5 m -3.0 m -4.5 m -6.0 m 10.5 m 9.0 m 7.5 m	kg kg kg kg kg kg kg kg kg kg	*29 290 *32 770 *27 180 *18 590	*32 770 *27 180	*28 110 *29 770 *29 970 *28 850 *26 430 *22 300	25 140 23 970 23 380 23 220 23 380 *22 300	*18 850 *20 520 *22 140 *23 280 *23 650 *23 070 *21 300 *17 670	*18 850 19 030 18 110 17 360 16 890 16 690 16 760 17 140	*16 870 *17 730 *18 610 18 790 18 450 18 310 *16 900 *14500 *14500	14 830 14 340 13 810 13 360 13 040 12 920 13 030 *14500 *14500	15 160 14 900 14 750 *10470	10 890 10 650 10 500 *10470	*12 380 *12 530 *12 950 *13 710 14 330 15 290 *15 220 *14 280 *11 760 *11380 *10570 *10170	*12 530 11 410 10 540 10 080 9 980 10 220 10 880 12 180 *14 280 *11 760 *11380 *10570 *10170	1() 1() 1
CWT : Boom : Arm : Shoe :	12 100kg 7.7m 4.2m	7.5 m 6.0 m 4.5 m 3.0 m -1.5 m -3.0 m -4.5 m -6.0 m 10.5 m 9.0 m 7.5 m 6.0 m	kg kg kg kg kg kg kg kg kg kg kg kg kg k	*29 290 *32 770 *27 180 *18 590	*32 770 *27 180 *18 590	*28 110 *29 770 *29 970 *28 850 *26 430 *22 300 *15 010	25 140 23 970 23 380 23 220 23 380 *22 300 *15 010	*18 850 *20 520 *22 140 *23 280 *23 650 *23 070 *21 300 *17 670	*18 850 19 030 18 110 17 360 16 890 16 690 16 760 17 140	*16 870 *17 730 *18 610 18 790 18 450 18 310 *16 900 *14500 *14500 *15190	14 830 14 340 13 810 13 360 13 040 12 920 13 030 *14500 *14500 *15190 15010	15 160 14 900 14 750 *10470 *10470	10 890 10 650 10 500 *10470 11490	*12 380 *12 530 *12 950 *13 710 14 330 15 290 *15 220 *14 280 *11 760 *11380 *10570 *10170	*12 530 11 410 10 540 10 080 9 980 10 220 10 880 12 180 *14 280 *11 760 *11380 *10570 *10170	1() 1() 1
CWT : Boom : Arm : Shoe :	12 100kg 7.7m 4.2m 650mm	7.5 m 6.0 m 4.5 m 3.0 m -1.5 m -3.0 m -4.5 m -6.0 m 10.5 m 9.0 m 7.5 m	kg k	*29 290 *32 770 *27 180 *18 590	*32 770 *27 180	*28 110 *29 770 *29 970 *28 850 *26 430 *22 300	25 140 23 970 23 380 23 220 23 380 *22 300	*18 850 *20 520 *22 140 *23 280 *23 650 *23 070 *21 300 *17 670	*18 850 19 030 18 110 17 360 16 890 16 690 16 760 17 140	*16 870 *17 730 *18 610 18 790 18 450 18 310 *16 900 *14500 *14500	14 830 14 340 13 810 13 360 13 040 12 920 13 030 *14500 *14500	15 160 14 900 14 750 *10470	10 890 10 650 10 500 *10470	*12 380 *12 530 *12 950 *13 710 14 330 15 290 *15 220 *14 280 *11 760 *11380 *10570 *10170	*12 530 11 410 10 540 10 080 9 980 10 220 10 880 12 180 *14 280 *11 760 *11380 *10570 *10170	1() 1()
CWT : Boom : Arm : Shoe :	12 100kg 7.7m 4.2m 650mm	7.5 m 6.0 m 4.5 m 3.0 m -1.5 m -3.0 m -4.5 m -4.5 m 7.5 m 9.0 m 7.5 m 6.0 m	kg kg kg kg kg kg kg kg kg kg kg kg kg	*29 290 *32 770 *27 180 *18 590 *30630	*32 770 *27 180 *18 590	*28 110 *29 770 *29 970 *28 850 *26 430 *22 300 *15 010	25 140 23 970 23 380 23 380 23 380 *22 300 *15 010 *23520 25570 24150	*18 850 *20 520 *22 140 *23 850 *23 650 *23 070 *17 670 *17 670 *17600 *19370 *21170	*18 850 19 030 18 110 17 360 16 890 16 690 16 760 17 140 *17600 19290	*16 870 *17 730 *18 610 18 790 18 450 18 310 *16 900 *14500 *14500 *15190 *15880 *16850	14 830 14 340 13 810 13 040 12 920 13 030 *14500 *15190 15010 14450	15 160 14 900 14 750 *10470 *14770 *15200	10 890 10 650 10 500 *10470 11490 11220	*12 380 *12 530 *12 950 *13 710 14 330 15 290 *15 220 *14 280 *11 760 *11380 *10570 *10050 *10160	*12 530 11 410 10 540 10 080 9 986 10 220 10 880 12 180 *14 280 *11 760 *11380 *10570 *10170 *10170 *10050 9590 9190	1() 1()
CWT : Boom : Arm : Shoe :	12 100kg 7.7m 4.2m 650mm	7.5 m 6.0 m 4.5 m 3.0 m -1.5 m -3.0 m -4.5 m -6.0 m 7.5 m 6.0 m 4.5 m 3.0 m 0 m	kg kg kg kg kg kg kg kg kg kg kg kg kg k	*29 290 *32 770 *27 180 *18 590 *30630 *20710	*32 770 *27 180 *18 590 *30630 *20710	*28 110 *29 770 *29 970 *26 430 *22 300 *15 010 *23520 *26680 *28890 *29730	25 140 23 970 23 380 23 220 23 380 *22 300 *15 010 *23 500 25570 24150 23310	*18 850 *20 520 *22 140 *23 280 *23 280 *23 070 *21 300 *17 670 *17600 *19370 *21170 *22580 *23310	*18 850 19 030 18 110 17 360 16 690 16 690 16 760 17 140 *17600 19290 18280 17420 16810	*16 870 *17 730 *18 610 18 790 18 4500 18 310 *16 900 *14500 *15190 *15880 *16850 *17880 *17880 *18730 18350	14 830 14 340 13 810 13 360 13 040 12 920 13 030 *14500 *15190 15010 14450 13860 13830 12940	15 160 14 900 14 750 *10470 *14770 *14770 *15200 15170 14840 14600	10 890 10 650 10 500 *10470 11490 11220 10880 10580 10350	*12 380 *12 530 *12 950 *13 710 14 330 *15 290 *15 220 *14 280 *11 280 *10570 *10170 *10170 *10160 *10470 *1030 *111890	*12 530 11 410 10 540 10 080 9 980 10 220 10 880 12 180 *14 280 *11 760 *11380 *10570 *10500 *10570 *10570 *10500 *10500 *10500 *10500 *10500 *10500 *10500 *10500 *10500 *10500 *10500 *105000 *105000 *100000 *10000 *100000 *100000 *100000 *10000 *100000 *100000 *1000000 *10000000 *100000000	1() 1()
Shoe : CWT : Boom : Arm : Shoe : CWT :	12 100kg 7.7m 4.2m 650mm	7.5 m 6.0 m 4.5 m 3.0 m -1.5 m -3.0 m -4.5 m -6.0 m 7.5 m 6.0 m 4.5 m 3.0 m 1.5 m 0 m -1.5 m	kg k	*29 290 *32 770 *27 180 *18 590 *30630 *30630 *20710 *28190	*32 770 *27 180 *18 590 *30630 *20710 *28190	*28 110 *29 770 *29 970 *28 850 *26 430 *22 300 *15 010 *23520 *26680 *2890 *2890 *29730	25 140 23 970 23 380 23 220 23 380 *22 300 *15 010 *23520 25570 24150 23310 22960	*18 850 *20 520 *22 140 *23 280 *23 650 *23 070 *21 300 *17 670 *17600 *19370 *21170 *22580 *23160	*18 850 19 030 18 110 17 360 16 890 16 690 16 760 17 140 *17600 19290 18280 17420 16810 16490	*16 870 *17 730 *18 610 18 790 18 450 18 310 *16 900 *14500 *15190 *15190 *15880 *16850 *17880 *17880 *18730 18350 18120	14 830 14 340 13 810 13 360 13 040 12 920 13 030 *14500 15010 14450 13860 13330 12940 12720	15 160 14 900 14 750 *10470 *14770 *14770 *15200 15170 14840	10 890 10 650 10 500 *10470 11490 11220 10880 10580	*12 380 *12 530 *12 950 *13 710 14 330 15 290 *15 220 *14 280 *11 760 *11380 *10570 *10570 *10170 *10160 *10470 *11030 *118200 *13230	*12 530 11 410 10 540 10 080 9 980 10 220 10 880 12 180 *11 760 *11 380 *11 760 *11380 *10 750 *10 750 9 590 9 190 9 9250 9 9770	100 100 1100 110 1110 110 1110 110 1100 100 1100 100 1100 100 1100 100 1100 100 1100 111 1110 111 1110 111 1110 111
CWT : Boom : Arm : Shoe :	12 100kg 7.7m 4.2m 650mm	7.5 m 6.0 m 4.5 m 3.0 m -1.5 m -3.0 m -4.5 m -6.0 m 7.5 m 6.0 m 4.5 m 3.0 m 0 m	kg k	*29 290 *32 770 *27 180 *18 590 *30630 *20710 *28190 *35020	*32 770 *27 180 *18 590 *30630 *20710	*28 110 *29 770 *29 970 *28 850 *26 430 *22 300 *15 010 *23520 *26680 *28890 *29730 *29230 *27440	25 140 23 970 23 380 23 220 23 380 *22 300 *15 010 *23 500 25570 24150 23310	*18 850 *20 520 *22 140 *23 280 *23 650 *23 070 *21 300 *17 670 *17670 *19370 *21170 *22180 *2310 *2310 *2310 *2310	*18 850 19 030 18 110 17 360 16 690 16 690 16 760 17 140 *17600 19290 18280 17420 16810	*16 870 *17 730 *18 610 18 790 18 4500 18 310 *16 900 *14500 *15190 *15880 *16850 *17880 *17880 *18730 18350	14 830 14 340 13 810 13 360 13 040 12 920 13 030 *14500 *15190 15010 14450 13860 13830 12940	15 160 14 900 14 750 *10470 *14770 *14770 *15200 15170 14840 14600	10 890 10 650 10 500 *10470 11490 11220 10880 10580 10350	*12 380 *12 530 *12 950 *13 710 14 330 *15 290 *15 220 *14 280 *11 280 *10570 *10170 *10170 *10160 *10470 *1030 *111890	*12 530 11 410 10 540 10 080 9 980 10 220 10 880 12 180 *14 280 *11 760 *11380 *10570 *10500 *10570 *10570 *10500 *10500 *10500 *10500 *10500 *10500 *10500 *10500 *10500 *10500 *10500 *105000 *105000 *100000 *10000 *100000 *100000 *100000 *10000 *100000 *100000 *1000000 *10000000 *100000000	10 10 110 11 111 110 111 110 111 110 111 110 111 100 111 100 111 100 111 111<

-6.0 m kg 30170 30170 24130 23310 19290 1080 14090 13 -6.0 m kg 22890 22890 18480 18480 18480 13740 13740 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

		Lifting hook		4.5	m	6.0) m	7.5	5 m	9.0) m	10.	o m	Ma	ax. reach	<u> </u>
		related to ground level		Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Ma: m
Boom :	7.7m	10.5 m	kg					*15 240	*15 240					*14 200	*14 200	7.
Arm :	3.55m	9.0 m													*13 060	
Shoe :	750mm	7.5 m	0						*17 560						*12 530	
WT :	12 100kg	6.0 m 4.5 m	kg kg			*25 240	*25 240	*18 850		*16 870	14 970 14 470	15 600	11 270	*12 380	11 520 10 650	
		3.0 m	kg			*28 110	25 380		18 280	*18 610	13 950	15 320		*12 950	10 190	
		1.5 m				*29 770	24 210	*23 280			13 490	15 060	10 760	*13 710	10 080	
		0 m	kg			*29 970		*23 650	17 060	18 640	13 180	14 910	10 610	14 490	10 330	
		-1.5 m	kg		*29 290 *32 770			*23 070 *21 300		18 510				15 450 *15 220		
		-3.0 m	kg kg					*17 670		*16 900	13 170				12 310 *14 280	
		-6.0 m			*18 590			11 010	17 010					*11 760		
Boom :	7.7m	10.5 m												*11 380	*11 380	8
rm :	4.2m	9.0 m									*14 500				*10 570	
Shoe:	750mm	7.5 m 6.0 m						*17 600	*17 600	*15 190 *15 880	*15 190	*10 470 *14 770		*10 170	*10 170 *10 050	
CWT :	12 100kg	4.5 m	kg ka	*30 630	*30 630	*23 520	*23 520		*19 370		14 590	*15 200	11 330	*10 160	9 690	
		3.0 m	kg	00000	00 000	*26 680		*21 170	18 450		14 000	15 330	11 000	*10 470	9 290	
		1.5 m				*28 890						15 000	10 690	*11 030	9 180	
		0 m	kg		*20 710			*23 310	16 980	18 550	13 070	14 760	10 460	*11 890	9 360	
		-1.5 m -3.0 m	kg kg		*28 190 *35 020		23 190	*23 160 *21 950	16 660 16 620		12 850 12 850	14 660	10370	*13 230 *14 380	9 880 10 890	
		-4.5 m			*30 170			*19 290						*13 820		
		-6.0 m	kg					*13 740						*12 320		
Boom :	6.6m	9.0 m												*16 400		
Arm :	2.9m	7.5 m				+00.000	+00.000		*19 940						*15 240	
Shoe : CWT :	900mm 12 100kg	6.0 m 4.5 m	kg kg	*33 920	*33 920	*22 880 *25 800	*22 880 *25 800	*20 430 *21 760	*20 430 20 020	*16 820	14 950			*15 040	*14 880 14 740	
. 1997	12 100kg	3.0 m			*39 030		26 990							*15 680		
		1.5 m	kg		*34 330			*24 380		19 930	14 330			*16 890	13 840	
		0 m	0		40 240			*24 610	18 290					*18 910		
		-1.5 m	kg		*38 750			*23 410	18 190					*20 100	15 790	
		-3.0 m -4.5 m		*33 640 *24 610		26 230	25 450							*19 670	18 870 *17 610	
Boom :	7.7m	10.5 m			24010										*18 710	
Arm :	2.9m	9.0 m	kg					*18 420	*18 420						*16 850	
Shoe :	900mm	7.5 m	0					*18 760			15 190			*15 990		
CWT :	12 100kg	6.0 m 4.5 m	kg		*30 070			*19 930		*17 750	14 950 14 500			*15 710	12 750 11 720	
		4.5 m 3.0 m	kg kg			*29 170		*21 450 *22 840	19 140 18 300	*19 140	14 040			*15 830 15 620	11 200	
		1.5 m				*30 150	24 290				13 650			15 540		
		0 m				*29 650	23 930	*23 640	17 300	18 970	13 420			16 040	11 440	
		-1.5 m			*28 620			*22 590		*18 250	13 400			*16 270		
		-3.0 m	kg	*29 680	*29 680	*24 870		*20 150	17 420					*15 600	14 030	
Boom :	7.7m	<u>-4.5 m</u> 10.5 m	kg	23 420	23 420	19770	19770	*15 240						*14 200	*13 960 *14 200	
Arm :	3.55m	9.0 m	kg					10 2 10	10 2 10						*13 060	
Shoe :	900mm	7.5 m						*17 560			15 520				*12 530	
CWT :	12 100kg	6.0 m				105 0 10	105 0 10		*18 850			15.0.10			11 690	
		4.5 m											11 440			
		3.0 m 1.5 m				*29 770		*23 280		*19 260			11 170 10 930			
		0 m				*29 970		*23 650		18 940			10 780			
		-1.5 m	kg	*29 290			23 810	*23 070	17 120					*15 560		
		-3.0 m		*32 770						*16 900	13 370				12 500	
		-4.5 m		*27 180					17 580						*14 280	
Room ·	7.7m	10.5 m		*18 590	18 090	15010	15010								*11 380	
Arm :	4.2m	9.0 m	kg							*14 500	*14 500				*10 570	
Shoe :	900mm	7.5 m	kg							*15 190	*15 190		*10 470	*10 170	*10 170	1(
CWT :	12 100kg	6.0 m	kg		100.000	100 - 51	100 - 0						11 780			
				*30 630	-30 630							*15 200			9 840	
		3.0 m 1.5 m				*26 680 *28 890		*21 170 *22 580		*17 880			11 170	*10 470		
				*20 710	*20 7 1 0			*23 310								
		-1.5 m	kg	*28 190	*28 190	*29 230	23 550	*23 160	16 920	18 610	13 060	14 900		*13 230		
		-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
				*30 170						*14 690	13 360			*13 820		
		-6.0 m	kg	*22 890	^22 890	18 480	18 480	13 740	13 740					12 320	*12 320	

Equipment

STANDARD EQUIPMENT	STANDARD EQUIPMENT
Engine	Cab and interior
Turbocharged, 4 stroke diesel engine with water cooling, direct	Silicon oil and rubber moun
injection and charged air cooler that meets Tier 4f EU (Stage IV)	Adjustable operator seat wit
requirements	Control joysticks with 4 swith
Air filter with indicator	Heater & air-conditioner, aut
Air intake heater	Flexible antenna
Cyclone pre-cleaner	AM/FM stereo with MP3, U
Electric engine shut-off	Hydraulic safety lock lever
Fuel filter and water separator	Cab, all-weather sound sup
Alternator, 80 A	Cup holders
Fuel filler pump, 100 l/min with automatic shut-off	Door locks
Electric / Electronic control system	Tinted glass
Contronics	Floor mat
Advanced mode control system	Horn
Self-diagnostic system	Large storage area
Machine status indication	Pull-up type front window
Engine speed sensing power control	Removable lower windshi
Emergency engine stop switch	Seat belt
Automatic idling system	Safety glass
Short cut switch	Sun screens, front, roof, re
Safety stop/start function	Rain shield
Adjustable 8inch LCD color monitor	Windshield wiper with inte
Master electrical disconnect switch	Master key
Engine restart prevention circuit	Track Guard
High-capacity halogen lights:	Under cover (10mm)
Cab-mounted 2	Track shoes
Frame-mounted 2	
Boom-mounted 4	Track shoes, 650 mm with o
Batteries, 2 x 12 V / 210 Ah	Digging equipment
Start motor, 24 V / 7 kW	Boom: ME 6.6 m Arm: ME 2.9 m
Frame	
Access way with handrail	Manual centralized lubrication
Full height counterweight 12 100kg	
Tool storage area	
Side walk-way	
Under cover (heavy duty 4.5mm)	
Punched metal anti-slip plates	
Undercarriage	
Mechanically retractable track gauge	
Hydraulic track adjusters	
Greased and sealed track link	
Hydraulic System	
Hose rupture valve: boom	
Overload warning device	OPTIONAL EQUIPMENT
Automatic sensing hydraulic system	Engine
Summation system	Block heater: 120 V, 240 V
Boom priority	Dual stage oil bath pre-clea
Arm priority	Diesel coolant heater, 10 k
Swing priority	Water separator with heater
ECO mode fuel saving technology	Auto engine shutdown
Boom and arm regeneration valves	Electric
Swing anti-rebound valves	Extra work lights: Halogen/L
Boom and arm holding valves	Cab-mounted 3 (front 2, r
Multi-stage filtering system	Boom-mounted 4
Cylinder cushioning	Frame-mounted 2
Cylinder contamination seals	
Auxiliary hydraulic valve	Counterweight-mounted Travel alarm
Automatic two-speed travel motors	
Hydraulic oil, ISO VG 46	Anti-theft system
	Rotating warning beacon

STANDARD EQUIPMENT mounts with spring eat with heater and joystick control console 4 switches each er, automatic P3, USB and bluetooth input ever d suppressed, includes: ndow ndshield oof, rear ith intermittent feature with double grouser

rication

OPTIONAL EQUIPMENT						
Engine						
Block heater: 120 V, 240 V						
Dual stage oil bath pre-cleaner						
Diesel coolant heater, 10 kW, 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						
Travel alarm						
Anti-theft system						
Rotating warning beacon						

OPTIONAL EQUIPMENT	OPTIONAL EQUIPMENT
Frame	Cab and interior
Full height counterweight:	One-piece fixed front windshield
12 100kg removal type	Fabric seat without heater
Undercarriage	Fabric seat with heater and air suspension
Full track guard	Control joysticks with semi-long
Hydraulic System	Control joysticks with 3 switch & 1 propotional
Hose rupture valve: arm	Pilot control pattern changw
Straight travel pedal	Opening top hatch
Bucket conflux	Falling object guard (FOG)
Boom float function with HRV	Frame-mounted
Boom float function without HRV	Cab-mounted
Hydraulic piping:	Cab-mounted falling object protective structure (FOPS)
Work tool management system (up to 20 programmable	Smoker kit (ashtray and lighter)
memories)	Safety net for front window
Hammer & shear, 1 and 2 pump flow	Sunlight protection, roof (steel)
Hammer & shear: variable flow and pressure pre-setting	Lower wiper with intermittent control
Additional return filter	Cleaning air gun
Slope & rotator	Rear view camera
Grapple	Side view camera
Quick coupler piping	Anti-vandalism kit
Hydraulic oil, ISO VG 32, 68	Specific key
Hydraulic oil, biodegradable 46	Track shoes
Hydraulic oil, longlife oil 32, 46, 68	750/900mm track shoes with double grousers
Hydraulic hose for Artic	Digging equipment
	Boom: 7.7m
	Arm: 2.9m, 3.55m, 4.2m
	Service

Service

Tool kit, daily maintenance

Tool kit, full scale Special tool for retractable frame

Boom float

Automatic lubrication system

SELECTION OF VOLVO OPTIONAL EQUIPMENT

Auto lubrication system



Bucket conflux



Side view camera



Dual stage oil bath pre-cleaner





One piece fixed windshield



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.

