

VOLVO EXCAVATOR

EC460C

47,9 – 50,5 t, 333 metric hp [Serial No. 115001~]



MORE CARE. BUILT IN.



VIEW THE FEATURES. EXPERIENCE THE BENEFITS.

MORE SAFETY

- **The new-design Volvo Care Cab**, with operator protective structure provides security.
- **Anti-slip steps and platforms** with punched steel plates for superior grip even when wet or icy.
- **Low engine emission levels and low noise.**
- **Recessed bolts on superstructure** walk areas for less risk of trip hazard.
- **Lead-free exterior paint.**

MORE PROFIT

- **Powerful Volvo V-ACT engine:** efficiently moves more material.
- **Industry-leading fuel efficiency** you've come to expect from Volvo.
- **Advanced hydraulic system** with priority functions and optional float position.
- **Optional quick fit** delivers versatile solutions.

MORE COMFORT

- **New larger, more comfortable cab** puts you in command with ergonomic controls.



- **Roomy, adjustable seat** supports your whole body.
- **Top-mounted windshield wiper** cleans a wider area – including both upper corners.
- **Vibration dampening** helps reduce whole body fatigue for all-day productivity.
- **Electronic climate control system** delivers the highest-capacity heating and cooling available.



MORE UPTIME

- **Simplified, ground level serviceability:** more uptime, more profits.
- **Easy access, centralized lubrication points.**
- **Easy-to-read LCD color monitor** for real-time information and trouble-shooting.
- **Easy to learn. Easy to operate. Easy to get more done.**

MORE QUALITY

- **Strengthened undercarriage frame** stands up to unforgiving conditions.
- **Reinforced boom/arm and proven components** outlast the work.
- **Reinforced superstructure** with double welded corners.
- **Lifetime greased, sealed track link** prevents leaks and ensures long life.

VOLVO - A PARTNER TO TRUST.

It's not a race, but the goal is to move the greatest amount of material in the shortest amount of time. Volvo sets the industry pace – and the Volvo EC460C Excavator leads the way. More profit and more tons per hour fuelled by industry-leading fuel economy. You are going to do it with uptime you can trust and depend on. And you are going to do more each day in the command of the legendary, improved Volvo Care Cab. It's the production machine ideal for general contracting, pipe laying, quarrying, demolition and large-scale bulk earth moving. With Volvo as your partner, you win every time.

Your local partner around the globe

Since 1927, Volvo has earned a global reputation for providing complete solutions. Volvo is built on core values of quality, safety and environmental care. The extensive line of construction equipment is augmented by Volvo's commercial transport solutions, including buses and trucks. This global experience and expertise have led to the ongoing development of engines with the lowest fuel consumption in their class. Today, the tradition continues with Volvo C-Series Excavators – designed and built to the exacting standards that make each machine a trusted Volvo partner.

The experience for your jobs

Repair highways. Move mountains of rock. Excavate lakes. Load haulers. Dig and lay miles of pipe. If you find the work, the Volvo EC460C will help you do it. It was built for heavy production. That's why large contractors, quarries and civil engineering firms rely on it.

Endurance born from strength

Tear into the earth. Break out of the material with no hesitation. Excavate your way through difficult terrain. It features proven booms and arms and offers a maximum digging reach of 12,0 m, to a maximum depth of 7,7 m. And it's built to keep working day after day.

Fuel efficiency: still the best

Maximize your profits with Volvo industry-leading fuel efficiency. The EC460C gets the most work and profits out of each tank.

The Volvo Care Cab gets more comfortable

How do you improve on the best? Constant innovation and a desire to make our customers more productive. The EC460C is the result. A larger, more comfortable cab. The seat of comfort. Perfectly-placed controls. All-around visibility. Climb into the cab and experience it.

Quality that stands the test of time

You can see the quality. You certainly can feel it too. Just open the reinforced service doors. Feel the thickness of the frame, boom and reinforcing plates. Operate the EC460C and you'll experience the true testament to its quality: performance.

If you have ever owned or operated a Volvo Wheel Loader, Articulated Hauler or any one of our full scope of global equipment offerings, you know that Volvo stands for quality, comfort and safety. Trust the Volvo EC460C Excavator as your partner and reach farther than you thought possible.



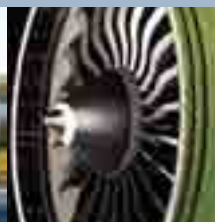


VOLVO'S ENGINE LEADERSHIP SPANS LAND, SEA, SKY AND SPACE

As the world's largest manufacturer of 9- to 18-liter diesel engines, Volvo has unmatched expertise designing power systems that move the world. Volvo engines for Volvo Construction Equipment, Volvo

Aero, Volvo Buses, Volvo Penta and Volvo Trucks define productivity and fuel economy. Our performance has been honed on land, over the sea, across the sky and into space. Leading research and development keeps

all Volvo Group products at the forefront of productivity. So when we say Volvo engines are tested — and proven — you can believe it. Trust in it. It's the real advantage of Volvo Power.



SECURE YOUR PLACE IN COMFORT AND COMMAND.

When you're working, you're in command: of your machine and your surroundings. The Volvo EC460C takes it to the next level, enveloping you in productivity-enhancing comfort. The seat supports your entire body. The controls are in the perfect position. Experience the roomy cab space and visibility-enhancing expansive glass. Noise and vibration have been dampened. Safety, a Volvo cornerstone, has been meticulously incorporated into every detail. Secure your place in productivity with the safe, comfortable Volvo EC460C.

New cab eases long shifts

If you know Volvo as the leader in cab comfort, you won't be disappointed with the new, larger Care Cab. It features an adjustable seat that supports your whole body. Pedal positions have been shifted forward for more foot room. The cab is wider. Achieve all-day endurance through the right operator position in relation to the joysticks, seat and pedals – with forward/reverse and up/down adjustments. To reduce hazardous vibration, Volvo has gone beyond emerging regulations with a cab suspension system that greatly reduces whole body vibration. There's also less noise – from the quiet Volvo engine and the pressurized, insulated cab.

The visible edge in visibility

Check out the expansive, glazed surface area. Look up. Volvo listened to operators and greatly expanded upper visibility with a roof hatch that offers a good view during high-reach applications. The gas strut assisted windshield opens with ease, while the smartly positioned windshield wiper cleans more glass – including both upper corners. The easy-to-read LCD color monitor keeps you constantly updated – and in command.

Intelligent climate control comfort

Intelligently going beyond automobile technology, the EC460C's high-tech electronic climate control system comforts your entire body with the highest-capacity heating and cooling ventilation system available in the excavator industry.

Safe and protected from top to bottom

The new-design Volvo Care Cab with operator protective structure provides security. Volvo's attention to ergonomics when designing controls, pedals and monitors ensures safe, long-term use. A color rear view camera displaying on the LCD color monitor provides a safe view whenever needed.

Anti-slip steps and platforms

Peace of mind starts with the first step. That's because all steps and platforms feature quality anti-slip traction with punched steel plates for superior grip – even when wet or icy. The bolt-on plates feature recessed bolts for less risk of trip hazard.

Trust Volvo's environmental commitment

More than 95% of the machine materials are recyclable. External sound levels have been greatly reduced. The exterior paint is lead-free. These things may seem minor, but Volvo puts a high premium on safety and environmental harmony.



• Experience the comfort of the suspension seat.

Expansive glass and clear sight lines provide outstanding all-around visibility with greater safety.

Experience the adjustable suspension seat and take command of the jobsite.

Intelligent new, easy-to-read LCD color monitor and perfectly positioned controls.

All-new cab is larger and more comfortable with ergonomic controls and vibration dampening suspension for all-day production.

Electronic climate control system distributes comfort evenly with 14 air vents and the highest-capacity heating and cooling available in the excavator industry.



• Well-positioned monitor and controls.



• Greater floor space with larger pedals.



• Industry's highest heating/cooling capacity with 14 vents.



THE VOLVO EDGE: UPTIME IS ON YOUR SIDE.

Volvo knows what you want. That's because Volvo asked owners and operators – and listened. You want a machine you can rely on every day. You want less downtime – and when you service it, you want it to be fast and easy. You want to spend your time working and making profit. You get it all with strength and intelligence in the Volvo EC460C. Start each day quickly with simple routine maintenance. Work hard all day with the power, reach, capacity and confidence to literally move mountains of material. Now that you know about it, experience the Volvo EC460C – and get the edge you need on your side.

Innovative Volvo engine has it all

Dig deep and get more done with the Volvo EC460C, equipped with a powerful new generation Stage IIIA compliant V-ACT (Volvo Advanced Combustion Technology) engine. It delivers 245 kW (333 metric hp) of optimized output. And with high engine torque at low revs, Volvo achieves ultra-efficient fuel consumption.

Hydraulic system advancements

When you touch the joystick, you want to know exactly what to expect. The advanced EC460C hydraulic system delivers this precision, responsive control. It features the boom, arm and swing priority you need, and with in-cab operator-selectable hydraulic flow and pressure, attachments are even easier to use at full performance.

Quick fit versatility grows

In addition to the proven S-Type quick fit, the new optional universal quick fit makes it easier to change attachments. Increased bucket speed, optional boom float position and a wide range of working modes let you match requirements to the attachment and application. Connect, go and grow your business.

Your daily routine just got easier

For routine checks, the cab air filter is intelligently located outside the cab. Fuses are protected in a sealed, ground-

level steel box behind the cab. The sloped track frame design allows for self-cleaning of mud and debris.

Uptime made simple

Volvo serviceability has been simplified to maximize uptime. Ground level access makes inspection and service quick and easy. And even though the Volvo EC460C is a large excavator, you can change the oil, fuel and water separator filters, as well as drain the oil and access the hydraulic pump from the ground. Inside the cab, the LCD monitor quickly performs self-diagnostics and allows the checking of the engine oil level.

Smart hydraulic cooling system

Fan speed is hydraulically driven, intuitively sensing hydraulic oil temperature and automatically activating to keep the system regulated at an optimized temperature. The oil cooler helps maximize cooling capacity and features excellent cleaning access. O-ring faced sealing is used in all hydraulic connections for added reliability. An anti-corrosive aluminium-cooling module offers long life.

Common parts increase profit

The Volvo EC460C uses over 100 components and consumable parts common to other Volvo machines you may run. This results in higher availability of parts and lower operating costs.





• Simplified, ground level service access.



• Easy access to filters.



• Safe, anti-slip steps and platforms.



ENDURANCE TO RELY ON. STRENGTH TO LAST.

More care. Built in. It's not just a slogan. It's Volvo's promise and it goes into every detail of every panel, part, component and machine. The EC460C promises performance – because of this quality. Open the service panels. Step up into the cab. Run it. The durability and quality are as obvious as the boom and the bucket. The built-to-last Volvo components work in harmony with the efficient, long-life Volvo engine. It makes up the total innovative Volvo package – and it's something you can trust. Every day. Every job. Everywhere.

Quality. Reliability. Strength.

Quality lasts. That's why Volvo uses quality parts throughout the EC460C – without switching to cheaper, cost-cutting shortcuts that are becoming common in the industry. There's rigid service doors and a protected electrical system. There's a high-tensile steel undercarriage frame and strong superstructure with double-welded corners. There's heavy-duty booms and arms – and it's there because it lasts.

Protected, stable track

The Volvo EC460C undercarriage and track are built for durability, reliability and stability. The lifetime greased, sealed track link prevents grease leaks, reduces noise and guarantees longevity. A reinforced idler bracket prevents failure and track link derailing.

Intelligently tough on the job

The Volvo EC460C blends intelligence and toughness in innovative new ways. And even though it's high-tech, it's easy to learn and operate. The machine balances maximum available horsepower to hydraulic output, preventing engine overload – regardless of pump load or engine speed. Volvo can do this because it's a Volvo engine, designed by Volvo engineers to specifically work with Volvo components.

Your Volvo dealer: your growth partner

Your Volvo dealer is your all-in-one source for attachments and all the support services you need:

CareTrack monitors it all

CareTrack is an optional GPS monitoring program that works with the machine's diagnostic system. Installation is simple. You and your dealer can remotely track usage, productivity, fuel consumption and more. Maximize uptime through important service reminders. CareTrack also monitors geographic machine location and can even prevent unauthorized use. With CareTrack, you can focus on the care of your business while your Volvo dealer focuses on the care of your machine.

MATRIS reports on your efficiency

MATRIS delivers detailed operating history analysis about the utilization and efficiency factors that influence your operating costs. MATRIS turns the data captured inside the machine's computer into easy-to-use graphs and reports. Maximize machine and operator performance, while reducing maintenance costs and increasing service life.

PROSIS makes parts ordering faster

PROSIS is a CD-ROM application that makes it quick and easy for your Volvo dealer to order all your Volvo CE product parts. Your dealer will help you find the right part, place your order and get you back up and running fast.





• Trust and satisfaction you can rely on.



• Lifetime greased and sealed track link.



• Underside bolt protection endures tough conditions.



PICK YOUR OPTIONS. PICK UP YOUR PROFITS.

Volvo is different from the rest. So are operators, applications and site conditions around the world. With your Volvo excavator, you've got a lot of options. And each one allows you to tailor your machine to meet your preferences – and most importantly to meet the requirements of more profit-enhancing jobs. Add a little extra comfort, more protection or additional safety features. Take your pick. The choice is yours.

Hydraulic kits

A wide variety of hydraulic kits is available for various boom and arm combinations. Each kit maximizes performance according to the machine's boom and arm length/shape. Get the most out of rotating/tilting attachments, crushers and hammers. Choose between 1 or 2 pump flow for best performance.

Hydraulic quick fit

A Volvo hydraulic quick fit makes changing attachments quick and easy – all from the comfort and safety of the cab. Different quick fit types (S3, U46) are available to fit new and existing customers' buckets/attachments.

Wrist control joysticks – proportional control

Low-effort, wrist control joysticks provide smooth, precision control for increased comfort, efficiency and production. Wrist control joysticks with proportional control switches are also available.

Operator seats

Volvo offers a wide variety of ergonomic operator seats designed specifically for comfort and protection. All seats, from various adjustable models to the most advanced air-suspension models, provide excellent support and are individually adjustable to suit operator preferences.

FOG and FOPS cab protection

For added safety and protection, FOG (Falling Object Guard) and FOPS (Falling Object Protective Structure) certified cabs provide peace-of-mind for tough conditions

such as quarries and demolition. The front guard of the FOG unit is tiltable and supported by a gas strut for easy front window cleaning. Both cab and frame-mounted FOG are available.

Extra work lights

Extra work lights provide increased visibility, safety and precision, while extending the workday in low light conditions. Features four lights in the front of the machine, one light in the rear area of the cab and one light mounted on the counterweight.

Full-length derailing shield

Keeps the track chain straight in uneven terrain, such as slopes and blasted rock – helping to avoid wear and extend life. The track chain is the most expensive wear part to replace, meaning the full-length derailing shield helps increase profit through lower repair costs.

Removable counterweight

Volvo's hydraulic cylinder and linkage system makes removing and installing the removable counterweight quick and easy.

Retractable track gauge

For easy transportation, the track gauge can be retracted from a 2 890 mm working width to 2 390 mm transportation width. The kit includes special tools for high torque tightening and loosening of bolts.

To customize your excavator with other optional equipment features to suit your application, contact your local Volvo dealer.



VOLVO OPTIONAL EQUIPMENT



Hydraulic kits

Hydraulic quick fits

**Wrist control joysticks -
proportional control**

Operator seats

FOG and FOPS cab protection

Extra work lights

Full-length derailing shield

Removable counterweight

Retractable track gauge

NOTE: Some features listed as optional equipment are standard equipment in some markets. Some equipment features listed are not available in all markets. Not a complete list of available optional equipment features. See included specification sheet for a complete listing.

SPECIFICATIONS

Engine

The next-generation Volvo diesel engine uses Volvo Advanced Combustion Technology (V-ACT) to deliver lower emissions and maintain superior performance and fuel efficiency. The EU Stage IIIA compliant engine uses precise, high-pressure fuel injectors, turbo charger and air to air intercooler and electronic engine controls to optimize machine performance.

Engine	Volvo D12D EAE3
Max. power, at	30 r/s (1 800 rpm)
Net (ISO 9249, SAE J1349)	245 kW (333 metric hp)
Gross (SAE J1995)	255 kW (347 metric hp)
Max. torque at 1 350 rpm	1 820 Nm
No. of cylinders	6
Displacement	12,1 l
Bore	131 mm
Stroke	150 mm

Electrical system

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

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

Service refill capacities

Fuel tank	685 l
Hydraulic system, total	525 l
Hydraulic tank	270 l
Engine oil	42 l
Engine coolant	60 l
Swing reduction unit	2 x 6 l
Travel reduction unit	2 x 5,5 l

Swing system

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

Max. swing speed	8,8 rpm
Max. swing torque	166 kNm

Drive

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

Max. drawbar pull	341 kN
Max. travel speed	3,2/5,1 km/h
Gradeability	35°

Undercarriage

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

Track pads	2 x 52
Link pitch	216 mm
Shoe width, triple grouser	600/700/800/900 mm
Shoe width, double grouser	600 mm
Bottom rollers	2 x 9
Top rollers	2 x 2

Hydraulic system

The hydraulic system, also known as the "Integrated work mode control" is designed for high-productivity, high-digging capacity, high-maneuvering precision 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 levelling 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.

Power boost: All digging and lifting forces are increased.

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: 2 x 358 l/min

Pilot pump:

Type: Gear pump
Maximum flow: 32 l/min

Hydraulic motors:

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

Relief valve setting:

Implement	32,4/35,3 MPa
Travel circuit	32,4 MPa
Swing circuit	25,5 MPa
Pilot circuit	3,9 MPa

Hydraulic cylinders:

Boom	2
Bore x Stroke	ø165 x 1 590 mm
Arm	1
Bore x Stroke	ø190 x 1 850 mm
Bucket	1
Bore x Stroke	ø165 x 1 335 mm
ME bucket	1
Bore x Stroke	ø175 x 1 335 mm

Cab

The new-design Volvo Care Cab, with operator protective structure provides security, along with more interior space, leg room and foot space. Audio system with remote control. Cup holders, high-capacity outlets. Independently adjustable joystick consoles.

Excellent all around-visibility provided through maximum cab glass, transparent roof hatch and 2-piece sliding door window. The lift-up front windshield can easily be secured at the ceiling and the removable lower front glass can be stored in the side door. Interior lighting consists of one reading light and one cab light with timer.

The pressurized and filtered cab air is supplied by a 14-vent climate-control system, providing fast defrosting and high cooling and heating performance. Viscous/spring-mounted suspension cushions operator from vibrations.

Deluxe seat with adjustable height, tilt, recline, forward-back settings, retractable seat belt and selectable horizontal suspension for reduced whole body vibration.

Adjustable easy-to-read 16,3 cm (6,4") LCD color monitor provides real time information of machine functions, important diagnostic information and a wide variety of work tool settings. LCD monitor is switchable to rear view camera monitor.

Sound Level:

Sound level in cab according to ISO 6396LpA 73 dB(A)
External sound level according to ISO 6395 and EU Directive 2000/14/ECLwA 106 dB(A)

Ground pressure

- **EC460C L with fixed undercarriage** 7,0 m boom, 3,35 m arm, 2 300 l (2 020 kg) bucket, 9 300 kg counterweight

Description	Shoe width	Operating weight (up to)	Ground pressure	Overall width
Triple grouser	600 mm	47 900 kg	83,4 kPa	3 340 mm
	700 mm	48 400 kg	72,6 kPa	3 440 mm
	800 mm	48 900 kg	63,7 kPa	3 540 mm
	900 mm	49 500 kg	57,9 kPa	3 640 mm
Double grouser	600 mm	48 000 kg	83,4 kPa	3 340 mm

- **EC460C L with retractable undercarriage** 7,0 m boom, 3,35 m arm, 2 300 l (2 020 kg) bucket, 9 300 kg counterweight

Description	Shoe width	Operating weight (up to)	Ground pressure	Overall width
Triple grouser	600 mm	49 000 kg	85,3 kPa	3 490 mm
	700 mm	49 500 kg	73,5 kPa	3 590 mm
	800 mm	50 000 kg	65,7 kPa	3 690 mm
	900 mm	50 500 kg	58,8 kPa	3 790 mm
Double grouser	600 mm	49 100 kg	85,3 kPa	3 490 mm

Max. permitted buckets

Note: 1. Bucket size based on ISO 7451, heaped material with a 1:1 angle of repose.

2. "Max. permitted sizes" are for reference only and are not necessarily available from the factory.

3. Bucket widths are less than bucket's tip radius.

- **EC460C L with direct fit buckets:** Fixed undercarriage, 9 300 kg counterweight

Description	Max. bucket volume / weight	6,5 m boom	7,0 m boom			
		2,55 m arm	2,55 m arm	3,35 m arm	3,9 m arm	4,8 m arm
GP bucket 1,5 t/m ³	l / kg	3 500 / 2 950	3 300 / 2 800	3 000 / 2 550	2 750 / 2 350	2 450 / 2 050
GP bucket 1,8 t/m ³	l / kg	3 100 / 2 600	2 925 / 2 500	2 675 / 2 250	2 450 / 2 050	2 175 / 1 850
HD bucket 1,8 t/m ³	l / kg	2 925 / 2 900	2 775 / 2 750	2 525 / 2 500	2 300 / 2 300	2 050 / 2 050
HD bucket 2,0 t/m ³	l / kg	2 750 / 2 750	2 600 / 2 600	2 350 / 2 350	2 150 / 2 150	1 925 / 1 900

- **EC460C L with quick fit buckets:** Fixed undercarriage, 9 300 kg counterweight

Description	Max. bucket volume / weight	6,5 m boom	7,0 m boom			
		2,55 m arm	2,55 m arm	3,35 m arm	3,9 m arm	4,8 m arm
GP bucket 1,5 t/m ³	l / kg	3 325 / 2 800	3 125 / 2 650	2 825 / 2 400	2 575 / 2 150	2 275 / 1 900
GP bucket 1,8 t/m ³	l / kg	2 950 / 2 500	2 775 / 2 350	2 500 / 2 100	2 275 / 1 900	2 025 / 1 700
HD bucket 1,8 t/m ³	l / kg	2 775 / 2 750	2 625 / 2 600	2 375 / 2 350	2 150 / 2 150	1 900 / 1 900
HD bucket 2,0 t/m ³	l / kg	2 600 / 2 600	2 450 / 2 450	2 200 / 2 200	2 000 / 2 000	1 775 / 1 750

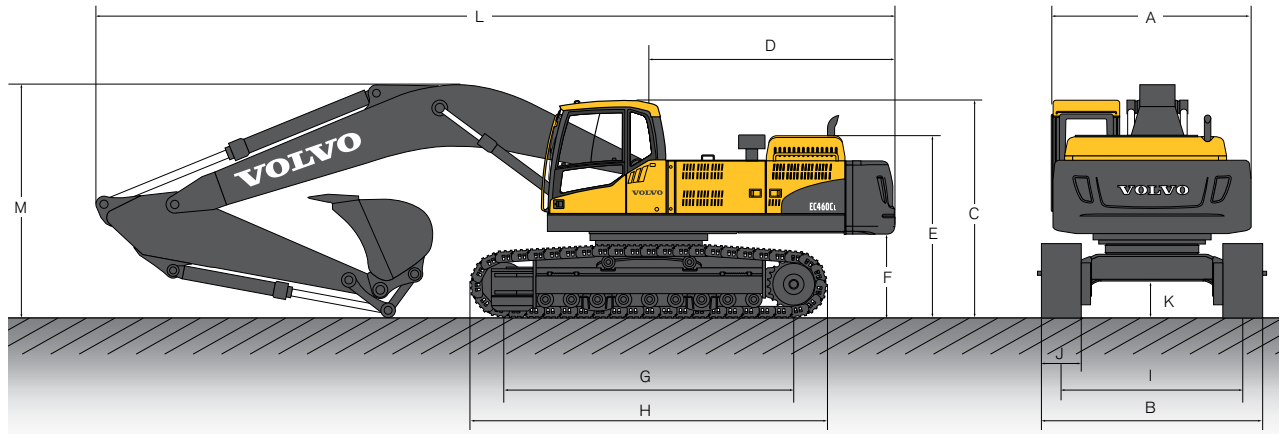
- **EC460C L with direct fit buckets:** Mechanically retractable undercarriage, 9 300 kg counterweight

Description	Max. bucket volume / weight	6,5 m boom	7,0 m boom			
		2,55 m arm	2,55 m arm	3,35 m arm	3,9 m arm	4,8 m arm
GP bucket 1,5 t/m ³	l / kg	3 800 / 3 225	3 525 / 3 000	3 200 / 2 725	2 975 / 2 525	2 625 / 2 225
GP bucket 1,8 t/m ³	l / kg	3 375 / 2 850	3 125 / 2 650	2 825 / 2 400	2 625 / 2 225	2 325 / 1 975
HD bucket 1,8 t/m ³	l / kg	3 175 / 3 175	2 950 / 2 950	2 675 / 2 675	2 500 / 2 500	2 200 / 2 200
HD bucket 2,0 t/m ³	l / kg	2 975 / 2 975	2 750 / 2 750	2 500 / 2 500	2 325 / 2 325	2 050 / 2 050

- **EC460C L with quick fit buckets:** Mechanically retractable undercarriage, 9 300 kg counterweight

Description	Max. bucket volume / weight	6,5 m boom	7,0 m boom			
		2,55 m arm	2,55 m arm	3,35 m arm	3,9 m arm	4,8 m arm
GP bucket 1,5 t/m ³	l / kg	3 625 / 3 075	3 325 / 2 825	3 025 / 2 575	2 775 / 2 375	2 450 / 2 075
GP bucket 1,8 t/m ³	l / kg	3 200 / 2 725	2 950 / 2 500	2 675 / 2 275	2 475 / 2 100	2 175 / 1 850
HD bucket 1,8 t/m ³	l / kg	3 025 / 3 025	2 800 / 2 800	2 525 / 2 525	2 325 / 2 325	2 050 / 2 050
HD bucket 2,0 t/m ³	l / kg	2 825 / 2 825	2 600 / 2 600	2 350 / 2 350	2 175 / 2 175	1 900 / 1 900

Dimensions



• EC460C L with fixed undercarriage

Description	Unit	6,5 m boom		7,0 m boom		
		2,55 m arm	2,55 m arm	3,35 m arm	3,9 m arm	4,8 m arm
A. Overall width of upper structure	mm	2 990	2 990	2 990	2 990	2 990
B. Overall width	mm	3 440	3 440	3 440	3 440	3 440
C. Overall height of cab	mm	3 257	3 257	3 257	3 257	3 257
D. Tail swing radius	mm	3 800	3 800	3 800	3 800	3 800
E. Overall height of engine hood	mm	2 750	2 750	2 750	2 750	2 750
F. Counterweight clearance *	mm	1 275	1 275	1 275	1 275	1 275
G. Tumbler length	mm	4 370	4 370	4 370	4 370	4 370
H. Track length	mm	5 370	5 370	5 370	5 370	5 370
I. Track gauge	mm	2 740	2 740	2 740	2 740	2 740
J. Shoe width	mm	700	700	700	700	700
K. Min. ground clearance *	mm	550	550	550	550	550
L. Overall length	mm	11 630	12 130	12 140	12 140	12 010
M. Overall height of boom	mm	3 770	3 630	3 650	3 690	4 650

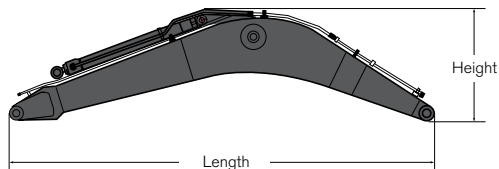
* Without shoe grouser

• **EC460C L** with mechanically retractable undercarriage

Description	Unit	6,5 m boom	7,0 m boom			
		2,55 m arm	2,55 m arm	3,35 m arm	3,9 m arm	4,8 m arm
A. Overall width of upper structure	mm	2 990	2 990	2 990	2 990	2 990
B. Overall width (extended)	mm	3 590	3 590	3 590	3 590	3 590
Overall width (retracted)	mm	3 090	3 090	3 090	3 090	3 090
C. Overall height of cab	mm	3 367	3 367	3 367	3 367	3 367
D. Tail swing radius	mm	3 800	3 800	3 800	3 800	3 800
E. Overall height of engine hood	mm	2 860	2 860	2 860	2 860	2 860
F. Counterweight clearance *	mm	1 385	1 385	1 385	1 385	1 385
G. Tumbler length	mm	4 370	4 370	4 370	4 370	4 370
H. Track length	mm	5 370	5 370	5 370	5 370	5 370
I. Track gauge (extended)	mm	2 890	2 890	2 890	2 890	2 890
Track gauge (retracted)	mm	2 390	2 390	2 390	2 390	2 390
J. Shoe width	mm	700	700	700	700	700
K. Min. ground clearance *	mm	746	746	746	746	746
L. Overall length	mm	11 630	12 130	12 140	12 140	12 010
M. Overall height of boom	mm	3 800	3 770	3 790	3 830	4 790

* Without shoe grouser

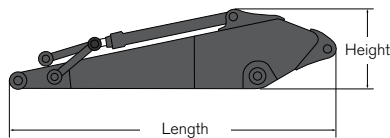
• **Boom**



Description	Unit	6,5 m	7,0 m
Length	mm	6 750	7 250
Height	mm	2 000	1 840
Width	mm	960	960
Weight*	kg	4 130	4 180

* Includes arm cylinder, piping and pin

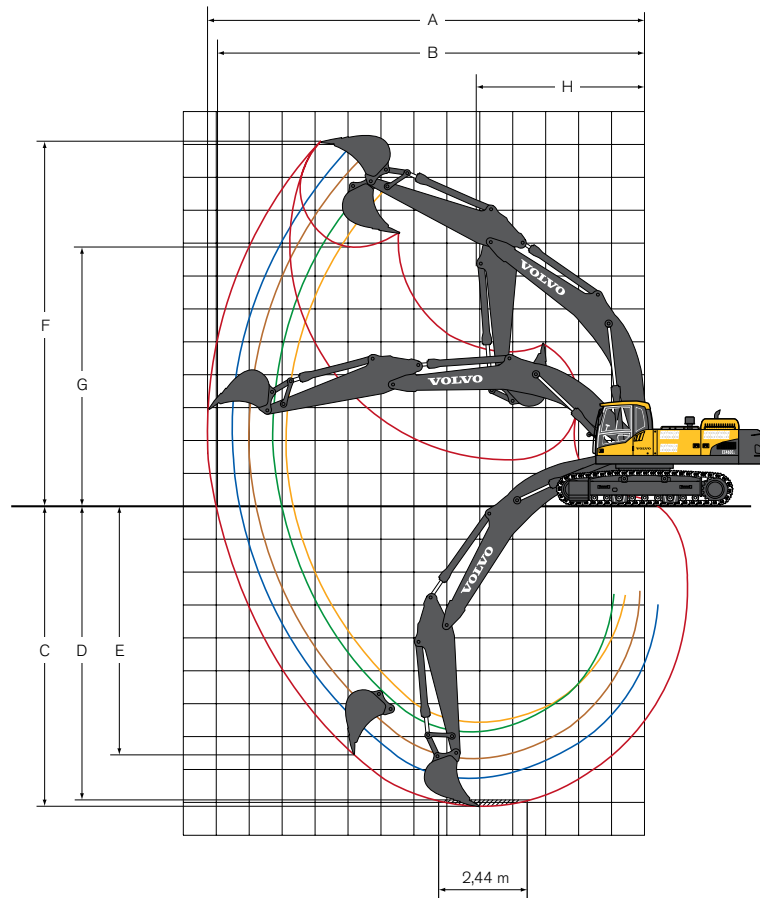
• **Arm**



Description	Unit	2,55 m	3,35 m	3,9 m	4,8 m
Length	mm	3 770	4 590	5 140	6 100
Height	mm	1 235	1 235	1 240	1 250
Width	mm	600	600	600	600
Weight*	kg	2 330	2 580	2 580	2 730

* Includes bucket cylinder, piping and pin

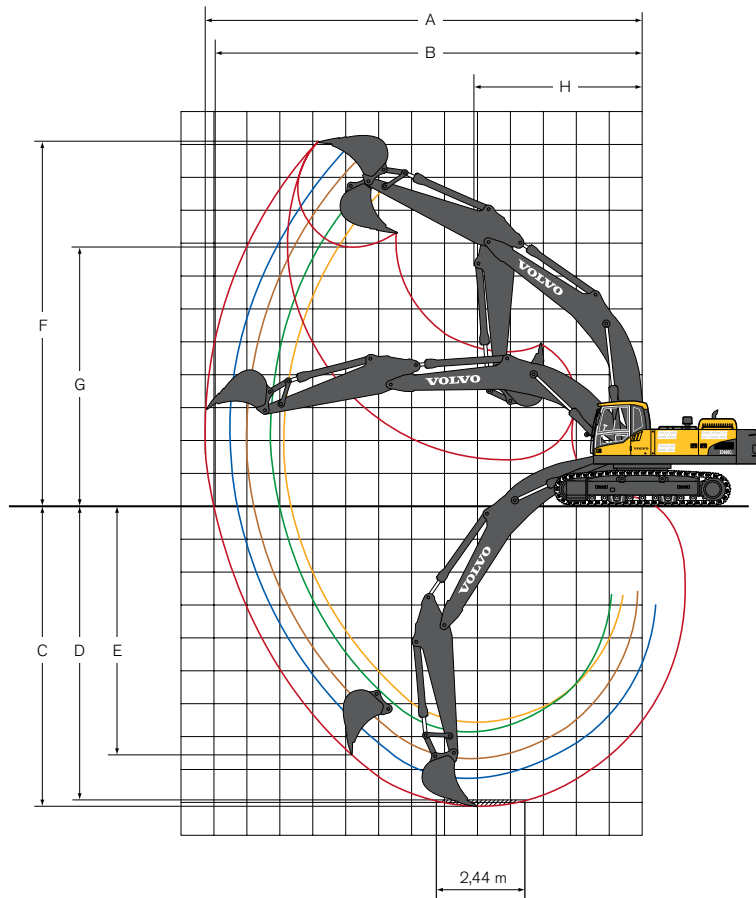
Working ranges & digging force



• EC460C L with fixed undercarriage

Machine with direct fit bucket	Unit	6,5 m boom	7,0 m boom			
		2,55 m arm	2,55 m arm	3,35 m arm	3,9 m arm	4,8 m arm
A. Max. digging reach	mm	10 930	11 340	12 040	12 530	13 260
B. Max. digging reach on ground	mm	10 680	11 110	11 810	12 320	13 060
C. Max. digging depth	mm	6 580	6 920	7 720	8 670	9 170
D. Max. digging depth (2,44 m level)	mm	6 410	6 730	7 570	8 130	9 050
E. Max. vertical wall digging depth	mm	6 100	6 460	6 920	7 360	7 800
F. Max. cutting height	mm	10 600	10 860	11 010	11 190	11 130
G. Max. dumping height	mm	6 970	7 420	7 630	7 820	7 850
H. Min. front swing radius	mm	4 780	5 170	5 090	5 050	5 100

Digging forces with direct fit bucket		Unit	6,5 m boom	7,0 m boom			
			2,55 m arm	2,55 m arm	3,35 m arm	3,9 m arm	4,8 m arm
Bucket radius		mm	1 923	1 810	1 810	1 810	1 810
Breakout force - bucket (Normal/Power boost)	SAE J1179	kN	253 / 275	230 / 251	230 / 251	230 / 251	230 / 251
	ISO 6015	kN	285 / 311	261 / 284	261 / 284	261 / 284	261 / 284
Tearout force - arm (Normal/Power boost)	SAE J1179	kN	225 / 244	232 / 252	196 / 215	176 / 192	160 / 174
	ISO 6015	kN	232 / 253	239 / 260	201 / 220	179 / 196	163 / 178
Rotation angle, bucket		deg.	169	183	183	183	183



• **EC460C L** with mechanically retractable undercarriage

Machine with direct fit bucket	Unit	6,5 m boom	7,0 m boom			
		2,55 m arm	2,55 m arm	3,35 m arm	3,9 m arm	4,8 m arm
A. Max. digging reach	mm	10 930	11 340	12 040	12 530	13 260
B. Max. digging reach on ground	mm	10 660	11 090	11 790	12 300	13 040
C. Max. digging depth	mm	6 470	6 810	7 610	8 560	9 060
D. Max. digging depth (2,44 m level)	mm	6 300	6 620	7 460	8 020	8 940
E. Max. vertical wall digging depth	mm	5 990	6 350	6 810	7 250	7 690
F. Max. cutting height	mm	10 710	10 970	11 120	11 300	11 240
G. Max. dumping height	mm	7 080	7 530	7 740	7 930	7 960
H. Min. front swing radius	mm	4 780	5 170	5 090	5 050	5 100
















Digging forces with direct fit bucket		Unit	6,5 m boom	7,0 m boom			
			2,55 m arm	2,55 m arm	3,35 m arm	3,9 m arm	4,8 m arm
Bucket radius		mm	1 923	1 810	1 810	1 810	1 810
Breakout force - bucket (Normal/Power boost)	SAE J1179	kN	253 / 275	230 / 251	230 / 251	230 / 251	230 / 251
	ISO 6015	kN	285 / 311	261 / 284	261 / 284	261 / 284	261 / 284
Tearout force - arm (Normal/Power boost)	SAE J1179	kN	225 / 244	232 / 252	196 / 215	176 / 192	160 / 174
	ISO 6015	kN	232 / 253	239 / 260	201 / 220	179 / 196	163 / 178
Rotation angle, bucket		deg.	169	183	183	183	183

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 fit from the following values.

• EC460C L with fixed undercarriage

 Across undercarriage Along undercarriage	Lifting hook related to ground level	1,5 m		3,0 m		4,5 m		6,0 m		7,5 m		9,0 m		Max. reach					
																Max. mm			
Boom 6,5 m + Arm 2,55 m + Shoe 600 mm + Counterweight 9 300 kg	7,5 m	kg														*12 430	10 970	7 249	
	6,0 m	kg							*13 390	*13 390	*12 350	10 330				*12 280	9 020	8 143	
	4,5 m	kg					*19 980	*19 980	*15 270	14 020	*13 110	10 070				*12 340	8 020	8 686	
	3,0 m	kg					*24 400	20 100	*17 390	13 370	*14 160	9 750				11 780	7 540	8 944	
	1,5 m	kg					*17 490	*17 490	*19 000	12 880	*15 060	9 480				11 660	7 430	8 942	
	0 m	kg					*25 680	19 250	*19 670	12 640	14 940	9 310				12 100	7 670	8 680	
	-1,5 m	kg			*18 840	*18840	*25 280	19 330	*19 250	12 600	14 920	9 300				13 310	8 390	8 132	
	-3,0 m	kg			*29 180	*29180	*22 630	19 600	*17 440	12 760						*13 600	9 970	7 231	
	-4,5 m	kg					*17 530	*17 530								*12 950	*12 950	5 813	
Boom 7,0 m + Arm 2,55 m + Shoe 600 mm + Counterweight 9 300 kg	7,5 m	kg									*11 320	10 430				*11 440	9 570	7 886	
	6,0 m	kg							*13 060	*13 060	*11 700	10 270				*11 360	8 060	8 714	
	4,5 m	kg							*15 150	13 750	*12 670	9 940	*11 500	7 550		11 300	7 260	9 223	
	3,0 m	kg							*17 330	13 060	*13 820	9 590	11 580	7 390		10 730	6 860	9 466	
	1,5 m	kg							*18 870	12 590	*14 770	9 300	11 420	7 240		10 620	6 760	9 464	
	0 m	kg							*19 450	12 380	14 740	9 130	11 340	7 170		10 970	6 950	9 217	
	-1,5 m	kg					*24 720	19 080	*19 090	12 370	14 700	9 100				11 920	7 520	8 703	
	-3,0 m	kg			*27 580	*27580	*22 570	19 320	*17 700	12 510	*13 770	9 250				*12 720	8 720	7 870	
	-4,5 m	kg					*18 710	*18 710	*14 430	12 900						*12 460	11 390	6 594	
Boom 7,0 m + Arm 3,35 m + Shoe 600 mm + Counterweight 9 300 kg	7,5 m	kg									*10 010	*10 010				* 9 800	8 330	8 709	
	6,0 m	kg									*10 630	10 480	*10 190	7 840		* 9 600	7 200	9 463	
	4,5 m	kg					*17 950	*17 950	*13 760	*13 760	*11 740	10 130	*10 670	7 680		* 9 680	6 550	9 933	
	3,0 m	kg					*22 870	20 100	*16 130	13 350	*13 040	9 730	*11 350	7 470		9 700	6 220	10 159	
	1,5 m	kg					*15 840	*15 840	*18 080	12 760	*14 210	9 380	11 460	7 280		9 590	6 120	10 158	
	0 m	kg					*19 420	18 870	*19 170	12 420	14 760	9 150	11 310	7 140		9 840	6 250	9 928	
	-1,5 m	kg			*14 040	*14 040	*25 880	18 870	*19 340	12 300	14 640	9 040	11 260	7 090		10 530	6 660	9 454	
	-3,0 m	kg			*23 900	*23 900	*24 290	19 040	*18 570	12 350	*14 630	9 080				11 920	7 510	8 694	
	-4,5 m	kg			*28 410	*28 410	*21 330	19 400	*16 470	12 590	*12 380	9 330				*12 190	9 240	7 562	
Boom 7,0 m + Arm 3,9 m + Shoe 600 mm + Counterweight 9 300 kg	7,5 m	kg											* 9 250	7 970		* 7 930	7 520	9 288	
	6,0 m	kg									* 9 780	* 9 780	* 9 410	7 880		* 7 770	6 570	9 999	
	4,5 m	kg							*12 610	*12 610	*10 930	10 170	* 9 990	7 680		* 7 840	6 020	10 444	
	3,0 m	kg					*20 840	20 440	*15 060	13 440	*12 300	9 730	*10 760	7 440		* 8 090	5 710	10 659	
	1,5 m	kg					*21 560	19 190	*17 210	12 740	*13 600	9 330	11 400	7 200		* 8 570	5 620	10 657	
	0 m	kg					*21 410	18 660	*18 610	12 300	*14 560	9 040	11 200	7 030		9 050	5 710	10 439	
	-1,5 m	kg	* 9 890	* 9 890	*14 060	*14 060	*25 990	18 530	*19 130	1 2100	14 480	8 880	11 100	6 930		9 600	6 050	9 989	
	-3,0 m	kg	*16 520	*16 520	*21 670	*21 670	*24 880	18 630	*18 740	12 090	14 460	8 860	11 140	6 970		10 700	6 720	9 275	
	-4,5 m	kg			*31 060	*31 060	*22 520	18 940	*17 220	12 270	*13 380	9 020				*11 590	8 030	8 224	
-6,0 m	kg					*18 130	*18 130	*13 640	12 710						*11 580	11 010	6 678		
Boom 7,0 m + Arm 4,8 m + Shoe 600 mm + Counterweight 9 300 kg	7,5 m	kg											* 7 860	* 7 860		* 7 290	6 580	10 111	
	6,0 m	kg												* 8 220	7 980		* 7 220	5 810	10 766
	4,5 m	kg									* 9 570	* 9 570	* 8 910	7 730		* 7 320	5 350	11 181	
	3,0 m	kg					*17 570	*17 570	*13 220	*13 220	*11 040	9 820	* 9 780	7 440		* 7 570	5 080	11 382	
	1,5 m	kg					*21 990	19 540	*15 670	12 850	*12 510	9 330	*10 680	7 150		7 930	4 970	11 380	
	0 m	kg					*24 650	18 570	*17 530	12 230	*13 720	8 940	11 100	6 900		8 060	5 030	11 176	
	-1,5 m	kg	* 9 580	* 9 580	*14 230	*14 230	*25 660	18 170	*18 570	11 880	14 300	8 690	10 920	6 740		8 460	5 260	10 758	
	-3,0 m	kg	*14 660	*14 660	*19 870	*19 870	*25 380	18 110	*18 750	11 760	14 180	8 590	10 860	6 690		9 250	5 750	10 098	
	-4,5 m	kg	*20 520	*20 520	*27 230	*27 230	*23 910	18 300	*17 970	11 830	*14 090	8 640	10 960	6 780		10 730	6 650	9 145	
-6,0 m	kg			*29 270	*29 270	*20 870	18 740	*15 820	12 110	*12 010	8 900				*11 290	8 490	7 787		

















- 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

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 fit from the following values.

• EC460C L with mechanically retractable undercarriage

 Across undercarriage Along undercarriage	Lifting hook related to ground level	1,5 m		3,0 m		4,5 m		6,0 m		7,5 m		9,0 m		Max. reach				
																	Max. mm	
Boom 6,5 m + Arm 2,55 m + Shoe 600 mm + Counterweight 9 300 kg	7,5 m	kg														*12 430	11 680	7 249
	6,0 m	kg							*13 390	*13 390	*12 350	11 000				*12 280	9 610	8 143
	4,5 m	kg					*19 980	*19 980	*15 270	14 990	*13 110	10 740				*12 340	8 560	8 686
	3,0 m	kg					*24 400	21 710	*17 390	14 330	*14 160	10 420				11 950	8 060	8 944
	1,5 m	kg					*17 490	*17 490	*19 000	13 830	*15 060	10 140				11 830	7 940	8 942
	0 m	kg					*25 680	20 840	*19 670	13 580	15 160	9 980				12 280	8 210	8 680
	-1,5 m	kg			*18 840	*18 840	*25 280	20 930	*19 250	13 540	*15 070	9 960				*13 470	8 980	8 132
	-3,0 m	kg			*29 180	*29 180	*22 630	21 200	*17 440	13 710						*13 600	10 670	7 231
-4,5 m	kg					*17 530	*17 530								*12 950	*12 950	5 813	
Boom 7,0 m + Arm 2,55 m + Shoe 600 mm + Counterweight 9 300 kg	7,5 m	kg									*11 320	11 110				*11 440	10 190	7 886
	6,0 m	kg							*13 060	*13 060	*11 700	10 940				*11 360	8 600	8 714
	4,5 m	kg							*15 150	14 710	*12 670	10 610	*11 500	8 060		*11 450	7 750	9 223
	3,0 m	kg							*17 330	14 010	*13 820	10 260	11 750	7 900		10 890	7 330	9 466
	1,5 m	kg							*18 870	13 540	*14 770	9 970	11 590	7 750		10 780	7 230	9 464
	0 m	kg							*19 450	13 320	14 960	9 800	11 510	7 680		11 140	7 450	9 217
	-1,5 m	kg					*24 720	20 670	*19 090	13 310	14 920	9 760				12 100	8 060	8 703
	-3,0 m	kg			*27 580	*27 580	*22 570	20 920	*17 700	13 460	*13 770	9 910				*12 720	9 340	7 870
-4,5 m	kg					*18 710	*18 710	*14 430	13 850						*12 460	12 210	6 594	
Boom 7,0 m + Arm 3,35 m + Shoe 600 mm + Counterweight 9 300 kg	7,5 m	kg									*10 010	*10 010				*9 800	8 870	8 709
	6,0 m	kg									*10 630	*10 630	*10 190	8 360		*9 600	7 670	9 463
	4,5 m	kg					*17 950	*17 950	*13 760	*13 760	*11 740	10 800	*10 670	8 190		*9 680	7 000	9 933
	3,0 m	kg					*22 870	21 720	*16 130	14 310	*13 040	10 400	*11 350	7 980		9 840	6 650	10 159
	1,5 m	kg					*15 840	*15 840	*18 080	13 710	*14 210	10 050	11 630	7 790		9 740	6 550	10 158
	0 m	kg					*19 420	*19 420	*19 170	13 360	14 980	9 810	11 480	7 650		9 990	6 700	9 928
	-1,5 m	kg			*14 040	*14 040	*25 880	20 450	*19 340	13 240	14 860	9 700	11 430	7 600		10 690	7 140	9 454
	-3,0 m	kg			*23 900	*23 900	*24 290	20 630	*18 570	13 290	*14 630	9 740				*11 980	8 050	8 694
-4,5 m	kg			*28 410	*28 410	*21 330	21 000	*16 470	13 540	*12 380	10 000				*12 190	9 900	7 562	
Boom 7,0 m + Arm 3,9 m + Shoe 600 mm + Counterweight 9 300 kg	7,5 m	kg											*9 250	8 490		*7 930	*7 930	9 288
	6,0 m	kg									*9 780	*9 780	*9 410	8 400		*7 770	7 020	9 999
	4,5 m	kg							*12 610	*12 610	*10 930	10 850	*9 990	8 200		*7 840	6 430	10 444
	3,0 m	kg					*20 840	*20 840	*15 060	14 400	*12 300	10 410	*10 760	7 950		*8 090	6 120	10 659
	1,5 m	kg					*21 560	20 790	*17 210	13 690	*13 600	10 000	*11 530	7 720		*8 570	6 020	10 657
	0 m	kg					*21 410	20 240	*18 610	13 240	*14 560	9 700	11 370	7 540		9 190	6 130	10 439
	-1,5 m	kg	*9 890	*9 890	*14 060	*14 060	*25 990	20 110	*19 130	13 040	14 700	9 540	11 270	7 440		9 750	6 490	9 989
	-3,0 m	kg	*16 520	*16 520	*21 670	*21 670	*24 880	20 220	*18 740	13 030	14 680	9 520	11 310	7 480		10 870	7 210	9 275
-4,5 m	kg			*31 060	*31 060	*22 520	20 530	*17 220	13 210	*13 380	9 680				*11 590	8 610	8 224	
-6,0 m	kg					*18 130	*18 130	*13 640	*13 640						*11 580	*11 580	6 678	
Boom 7,0 m + Arm 4,8 m + Shoe 600 mm + Counterweight 9 300 kg	7,5 m	kg											*7 860	*7 860		*7 290	7 020	10 111
	6,0 m	kg											*8 220	*8 220		*7 220	6 220	10 766
	4,5 m	kg									*9 570	*9 570	*8 910	8 250		*7 320	5 730	11 181
	3,0 m	kg					*17 570	*17 570	*13 220	*13 220	*11 040	10 500	*9 780	7 950		*7 570	5 450	11 382
	1,5 m	kg					*21 990	21 150	*15 670	13 810	*12 510	10 010	*10 680	7 660		*8 020	5 350	11 380
	0 m	kg					*24 650	20 160	*17 530	13 180	*13 720	9 610	11 270	7 420		8 190	5 410	11 176
	-1,5 m	kg	*9 580	*9 580	*14 230	*14 230	*25 660	19 750	*18 570	12 820	*14 500	9 350	11 090	7 250		8 590	5 660	10 758
	-3,0 m	kg	*14 660	*14 660	*19 870	*19 870	*25 380	19 690	*18 750	12 690	14 400	9 250	11 030	7 200		9 400	6 180	10 098
-4,5 m	kg	*20 520	*20 520	*27 230	*27 230	*23 910	19 880	*17 970	12 770	*14 090	9 300	*11 110	7 290		*10 820	7 150	9 145	
-6,0 m	kg			*29 270	*29 270	*20 870	20 330	*15 820	13 060	*12 010	9 570				*11 290	9 120	7 787	

- 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.

STANDARD EQUIPMENT

Engine

Turbocharged, 4 stroke diesel engine with water cooling, direct injection and charged air cooler that meets EU Stage IIIA requirements
Air filter with indicator and precleaner
Air intake heater
Cyclone Pre-cleaner
Electric engine shut-off
Fuel filter and water separator
Fuel filler pump: 50 l/min, with automatic shut-off
Alternator, 80 A

Electric/Electronic control system

Contronics
- Advanced mode control system
- Self-diagnostic system
Machine status indication
Engine speed sensing power control
Automatic idling system
One-touch power boost
Safety stop/start function
Adjustable LCD color monitor
Master electrical disconnect switch
Engine restart prevention circuit
High-capacity halogen lights:
- Frame-mounted 2
- Boom-mounted 2

Batteries, 2 x 12 V / 200 Ah
Start motor, 24 V / 7 kW

Hydraulic system

Hose rupture valve: boom
Overload warning device
Automatic sensing hydraulic system
- Summation system
- Boom priority
- Arm priority
- Swing priority
Boom, arm and bucket 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

Superstructure

Access way with handrail
Tool storage area
Punched metal anti-slip plates

Cab and interior

Fabric seat with heater
Control joysticks with 4 switches each
Heater & air-conditioner, automatic
Hydraulic dampening cab mounts

Adjustable operator seat and joystick control console
Flexible antenna
AM/FM stereo with CD player and MP3 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
Master key
Rear view camera

Undercarriage

Hydraulic track adjusters
Greased and sealed track link
Track guard

Digging equipment

Manual centralized lubrication

OPTIONAL EQUIPMENT

Engine

Block heater: 120 V, 240 V
Oil bath pre-cleaner
Rain cap
Diesel driven coolant heater, 10 kW
Water separator with heater
Reversible cooling fan

Electric

Extra lights:
- Cab-mounted 3
- Boom-mounted 2
- Counterweight-mounted 1
Travel alarm
Anti-theft system
Rotating warning beacon

Hydraulic system

Hose rupture valve: arm
Boom float function
Hydraulic piping:
- Work tool management system (up to 20 programmable memories)
- Hammer & shear, 1 and 2 pump flow
- Hammer & shear: variable flow and pressure pre-setting

- Additional return filter
- Slope & rotator
- Grapple
- Oil leak (drain) line
- Quick fit piping
Volvo hydraulic quick fit (S3, U46)
Hydraulic oil, biodegradable 32
Hydraulic oil, biodegradable 46
Hydraulic oil, longlife oil 32
Hydraulic oil, longlife oil 46
Hydraulic oil, longlife oil 68

Superstructure

Hydraulic removable counterweight
Full height counterweight: 9 300 kg
Undercover (4,5 mm heavy-duty)

Cab and interior

Fabric seat with heater and air suspension
Pilot control pattern change
Opening top hatch
Falling object guard (FOG)
- Frame-mounted
- Cab-mounted
Cab-mounted falling object protective structure (FOPS)
Smoker kit (ashtray and lighter)

Screen guard for front window
Lower wiper with intermittent control
Anti-vandalism kit
Specific key
Rear view mirror, counterweight

Undercarriage

Full track guard
Mechanically retractable track gauge
Undercover (10 mm heavy-duty)

Track shoes

Track shoes 600/700/800/900 mm with triple grousers
Track shoes 600 mm with double grousers

Digging equipment

Boom: 6,5 m ME
7,0 m heavy-duty
Arm: 2,55 m
3,35 m heavy-duty
3,9 m
4,8 m

Service

Tool kit, daily maintenance
Tool kit, full scale
Automatic lubrication system

Standard and optional equipment may vary by market. Please consult your local Volvo dealer for details.

NOTES



Volvo Construction Equipment is different. Our machines are designed, built and supported in a different way. That difference comes from an engineering heritage of over 175 years. A heritage of thinking first about the people who actually use the machines. About how to help them be safer, more comfortable, more productive. About the environment we all share. The result of that thinking is a growing range of machines and a global support network dedicated to helping you do more. People around the world are proud to use Volvo. And we're proud of what makes Volvo different – **More care. Built in.**



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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