

VOLVO EXCAVATOR

EC460C

47.9 – 50.5 t, 333 metric hp [Serial No. 115011~]



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.



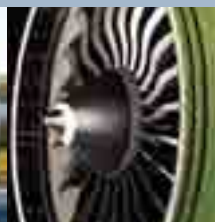


VOLVO'S ENGINE LEADERSHIP SPANS LAND, SEA, SKY AND SPACE

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. An optional 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

The proven S-Type 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. Volvo dedicated quick fit (S3) is 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 / EPA Tier 3 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 (option).

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

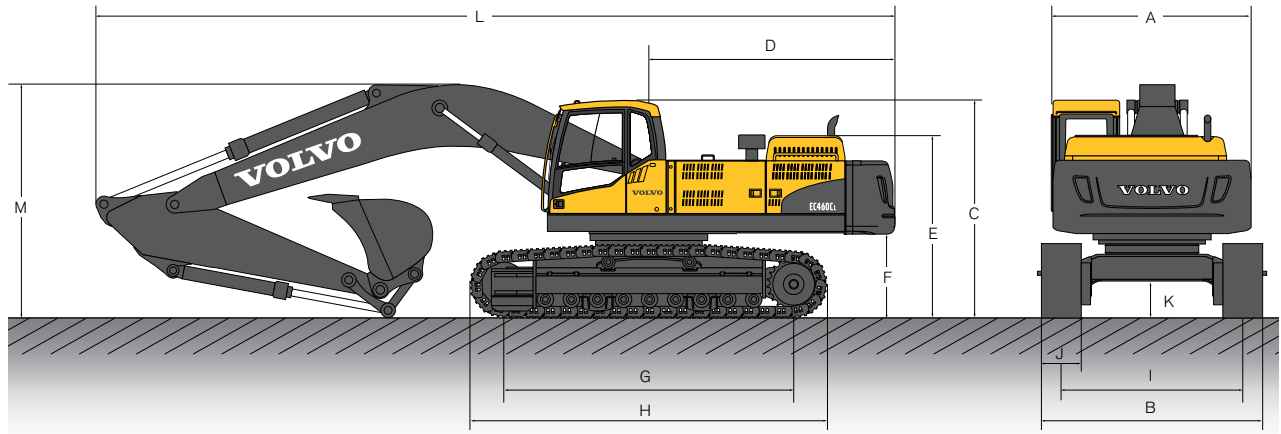
- **EC460C L with direct fit buckets:** Mechanically retractable undercarriage, 9,300 kg counterweight

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	3,260	3,260	3,260	3,260	3,260
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

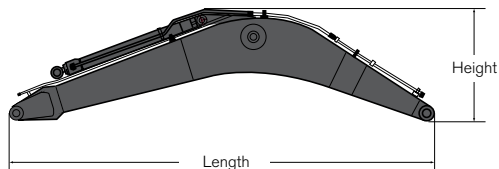
* Without shoe grouser

• **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	3,370	3,370	3,370	3,370	3,370
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

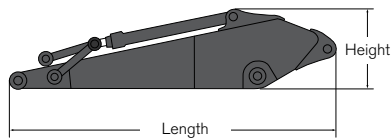
• **Boom**



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

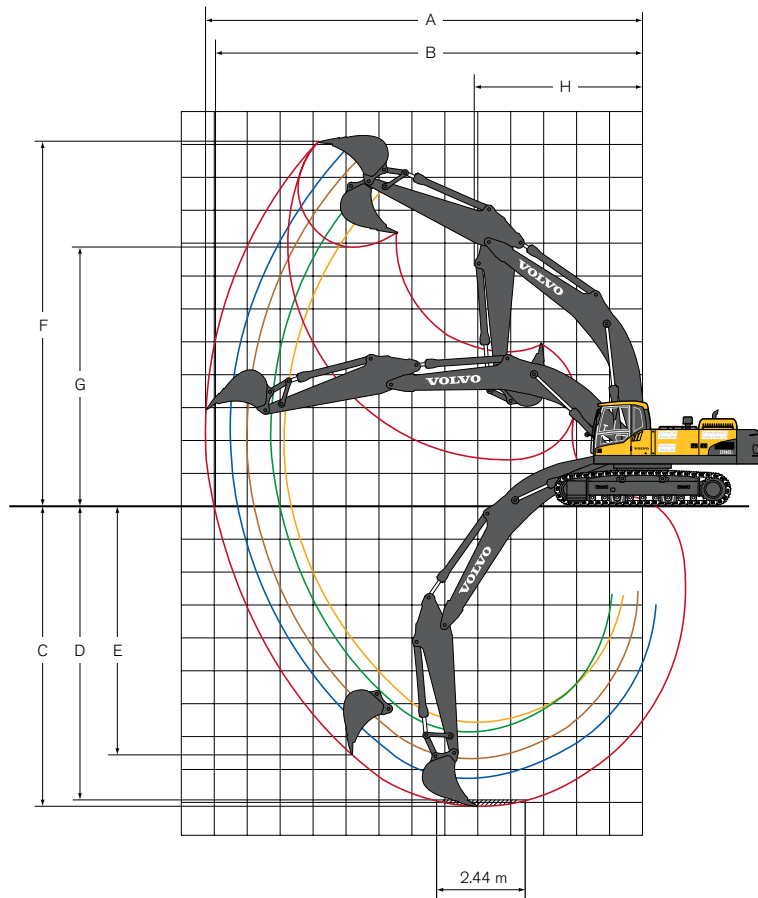
• **Arm**



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	2,310	2,560	2,580	2,730

* Includes bucket cylinder, piping and pin

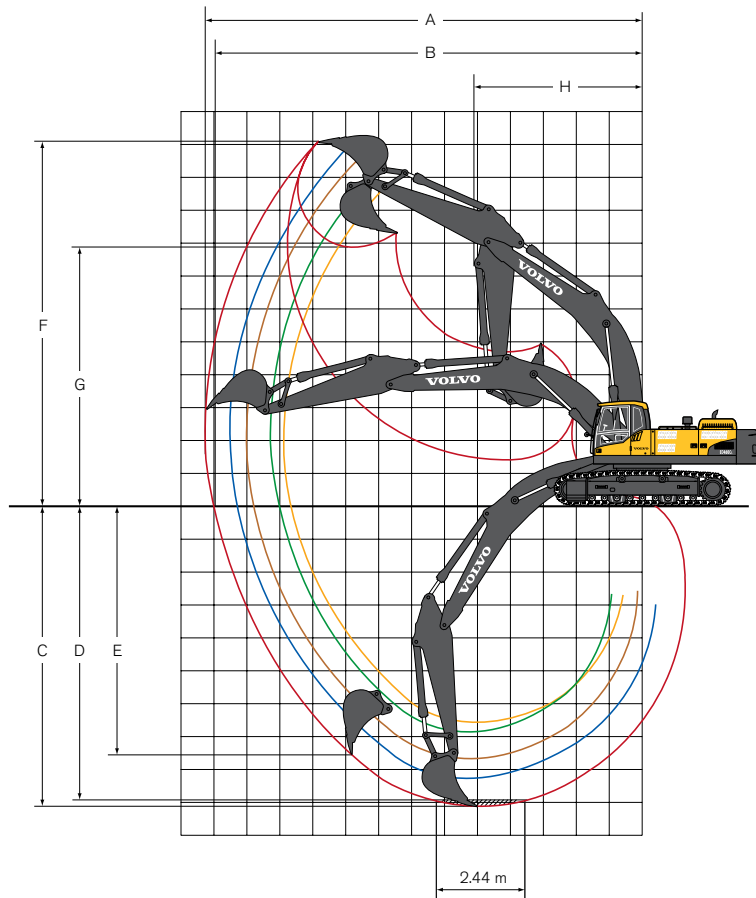
Working ranges & digging force



• 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 8,700 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	*18,840	*25,280	19,330	*19,250	12,600	14,920	9,300						13,310	8,390	8,132
	-3.0 m	kg				*29,180	*29,180	*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 8,700 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	*27,580	*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 8,700 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 8,700 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	12,100	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 8,700 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 8,700 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 8,700 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 8,700 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 8,700 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 8,700 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 / EPA Tier 3 requirements

Air filter with indicator and pre-cleaner

Air intake heater

Cyclone Pre-cleaner

Electric engine shut-off

Fuel filter and water separator

Fuel filler pump

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

Control joysticks with 4 switches each

Heater & air-conditioner, automatic

Hydraulic dampening cab mounts

Adjustable operator seat and joystick control console

Flexible antenna

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

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

Fuel filler pump: 50 l/min, with automatic shut-off

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)

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:

8,700/9,300/10,000 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)

AM/FM stereo with CD player and MP3 input

Smoker kit (ashtray and lighter)

Screen guard for front window

Lower wiper with intermittent control

Anti-vandalism kit

Specific key

Rear view camera

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 HD

Arm: 2.55 m

3.35 m HD

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.

VOLVO

Volvo Construction Equipment
www.volvoce.com

Ref. No. 30 A 100 5396 English (International)
Printed in Sweden 2009.02-1.0 EXC
Volvo, Seoul