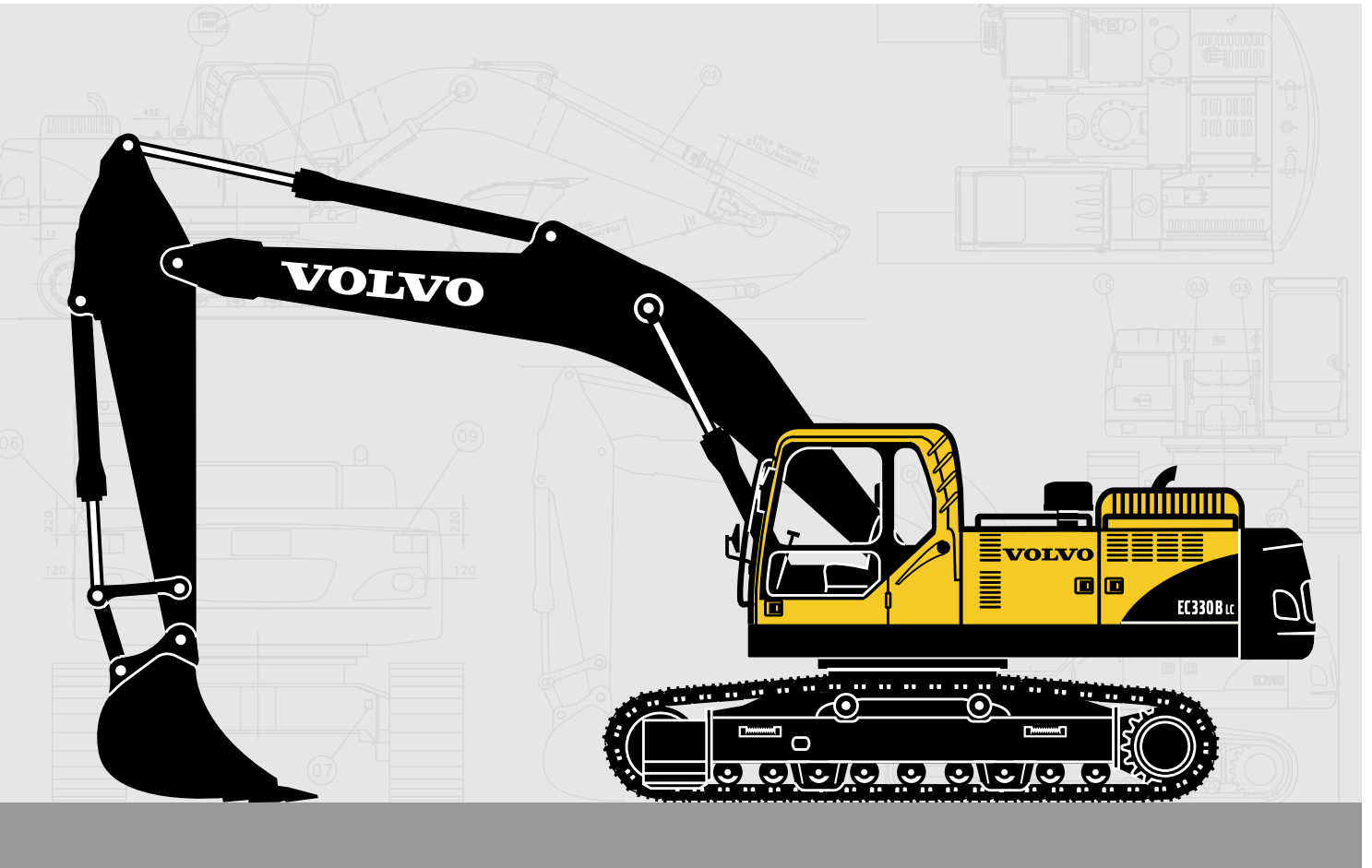


VOLVO EXCAVATOR

EC330B LC



- Engine power, gross: 198 kW (265 hp)
- Operating weight: 32.7 ~ 35.0 t
- Buckets (SAE): 1,250 ~ 2,500 l
- Turbocharged VOLVO diesel engine with water cooling, direct injection and charged air cooler
- Contronics, Volvo's advanced mode selection system and electronically controlled system
- 2 variable displacement axial piston pumps. Independent and simultaneous movements of the digging equipment are controlled by "Automatic Sensing Work Mode".
- Cab
 - Ergonomic environment for easier operator use
 - Low sound level
 - Filtered air
 - Hydraulic dampening mounts
- Strong digging equipment, produced by robotic welding
- High lifting, breakout and tearout forces for tough digging conditions
- Longer undercarriage for excellent stability
- Auxiliary hydraulic valve is standard
- Prepared for a number of optional items

VOLVO



ENGINE

EC330B LC is powered by a turbocharged 4-stroke 6 cylinder diesel engine with water cooling, direct injection and charged air cooler. This engine has been specifically designed for excavators giving you good fuel economy, low noise emission levels, and a long service life.

Air Filter: 3-stage, and pre-cleaner

Automatic Idling System: Reduces engine speed to idle when the levers and pedals are not activated resulting in less fuel consumption and low cab noise levels.

Low-Emission Engine:

Maker	VOLVO
Model	D12C
Power output at	28 r/s (1,700 rpm)
Net (ISO 9249/ SAE J1349)	184 kW (250 ps / 247 hp)
Gross (SAE J1995)	198 kW (269 ps / 265 hp)
Max. torque	1,353 N·m at 1,275 rpm
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.

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

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



UNDERCARRIAGE

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

No. of track pads	2 x 48
Link pitch	215.9 mm
Shoe width, triple grouser	600 / 700 / 800 / 900 mm
Shoe width, double grouser	600 mm
No. of bottom rollers	2 x 8
No. of top rollers	2 x 2



SERVICE REFILL CAPACITIES

Fuel tank	620 l
Hydraulic system, total	500 l
Hydraulic tank	220 l
Engine oil	41 l
Engine coolant	65.4 l
Swing reduction unit	6.0 l
Travel reduction unit	2 x 5.5 l



HYDRAULIC SYSTEM

The hydraulic system, also known as the "Automatic Sensing Work Mode", is designed for high-productivity, high-digging capacity, high-maneuvering precision and good fuel economy. The summation system, boom, arm and swing priority along with boom and arm regeneration provide optimum performance.

The following important functions are included in the system:

Summation system: Combines the flow of both hydraulic pumps to ensure quick cycle times and high productivity.

Boom priority: Gives priority to the boom operation for faster raising when loading or performing deep excavations.

Arm priority: Gives priority to the arm operation for faster cycle times in leveling and for increased bucket filling when digging.

Swing priority: Gives priority to swing functions for faster simultaneous operations.

Regeneration system: Prevents cavitation and provides flow to other movements during simultaneous operations for maximum productivity.

Power boost: All digging and lifting forces are increased.

Holding valves: Boom and arm holding valves prevent the digging equipment from creeping.

Power Max: All function speeds are increased.

Main pump:

Type	2 x variable displacement axial piston pumps
Maximum flow	2 x 280 l/min

Pilot pump:

Type	Gear pump
Maximum flow	1 x 25.5 l/min

Hydraulic motors:

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

Relief valve setting:

Implement	31.4 / 34.3 Mpa (320 / 350 kg/cm ²)
Travel circuit	34.3 Mpa (350 kg/cm ²)
Swing circuit	25.5 Mpa (260 kg/cm ²)
Pilot circuit	3.9 Mpa (40 kg/cm ²)

Hydraulic cylinders:

Boom	2
Bore x Stroke	Ø150 x 1,530 mm
Arm	1
Bore x Stroke	Ø175 x 1,700 mm
Bucket	1
Bore x Stroke	Ø145 x 1,285 mm
ME bucket	1
Bore x Stroke	Ø160 x 1,250 mm



DRIVE

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

Max. tractive effort 256.9 kN (26,200 kg)
Max. travel speed 3.3 / 4.5 km/h
Gradeability 35° (70%)



SWING SYSTEM

The superstructure is swung by the means of an axial piston motor and a planetary reduction gear. Automatic swing holding brake and anti-rebound valve are standard.

Max. swing speed 9.7 rpm



CAB

The operator's cab has easy access via a wide door opening. The cab is supported on hydraulic dampening mounts to reduce shock and vibration levels. These along with sound absorbing lining provide low noise levels. The cab has excellent all-round visibility. The front windshield can easily slide up into the ceiling and the lower front glass can be removed and stored in the side door.

Integrated air conditioning and heating system:

The pressurized and filtered cab air is supplied by an automatically controlled fan. The air is distributed throughout the cab from 13 vents.

Ergonomic operator's seat: The adjustable seat and joystick console move independently to accommodate the operator.

The seat has nine different adjustments plus a seat belt to for the operator's comfort and safety.

Sound Level:

Sound level in cab

according to ISO 6396 LpA 73 dB(A)

External sound level

according to ISO 6395

and EU Directive 2000/14/EC LwA 106 dB(A)



GROUND PRESSURE

- Machine with 6.45 m boom, 3.2 m arm, 1,380 l (1,110 kg) bucket and 5,800 kg counterweight.

Description	Shoe width	Operating weight	Ground pressure	Overall width
Triple grouser	600 mm	32,700 kg	61.5 kPa (0.63 kg/cm ²)	3,190 mm
	700 mm	33,340 kg	53.7 kPa (0.55 kg/cm ²)	3,290 mm
	800 mm	33,740 kg	47.6 kPa (0.49 kg/cm ²)	3,390 mm
	900 mm	34,120 kg	42.8 kPa (0.44 kg/cm ²)	3,490 mm
Double grouser	600 mm	33,240 kg	62.5 kPa (0.64 kg/cm ²)	3,190 mm

- Machine with 6.45 m boom, 3.2 m arm, 1,380 l (1,110 kg) bucket and 6,700 kg counterweight.

Description	Shoe width	Operating weight	Ground pressure	Overall width
Triple grouser	600 mm	33,600 kg	63.2 kPa (0.64 kg/cm ²)	3,190 mm
	700 mm	34,240 kg	55.2 kPa (0.56 kg/cm ²)	3,290 mm
	800 mm	34,640 kg	48.9 kPa (0.50 kg/cm ²)	3,390 mm
	900 mm	35,020 kg	43.9 kPa (0.45 kg/cm ²)	3,490 mm
Double grouser	600 mm	34,140 kg	64.2 kPa (0.65 kg/cm ²)	3,190 mm

BUCKET & ARM COMBINATION

• Volvo HARDOX 400® bucket (curved side)

Description			Direct fit - GP bucket		Quick fit - GP bucket		Mass bucket
Bucket capacity	SAE		1,380 l	1,450 l	1,380 l	1,450 l	1,900 l
	CECE		1,210 l	1,300 l	1,210 l	1,300 l	1,690 l
Bucket width			1,325 mm	1,405 mm	1,325 mm	1,405 mm	1,650 mm
Weight			1,110 kg	1,315 kg	1,100 kg	1,310 kg	1,625 kg
No. of teeth			4	5	4	5	5
Application			Tough condition	Tough condition	Tough condition	Tough condition	Loading service
5,800 kg counterweight	ME boom 6.2 m + arm 2.6 m		A	B	A	B	-
	Boom 6.45m + arm options	2.6 m	A	B	A	C	-
		3.2 m	A	B	B	C	-
		3.9 m	C	C	C	D	-
6,700 kg counterweight	ME boom 6.2 m + arm 2.6 m		A	A	A	A	C
	Boom 6.45m + arm options	2.6 m	A	A	A	B	-
		3.2 m	A	A	A	B	-
		3.9 m	B	C	B	C	-

A: Applicable for general purpose up to 2,000 kg/m³

B: Applicable for general purpose up to 1,800 kg/m³

C: Applicable for general purpose up to 1,500 kg/m³

D: Applicable for general purpose up to 1,200 kg/m³

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.

• Max. permitted sizes for direct fit buckets:

Machine with counterweight 5,800 kg / 6,700 kg*

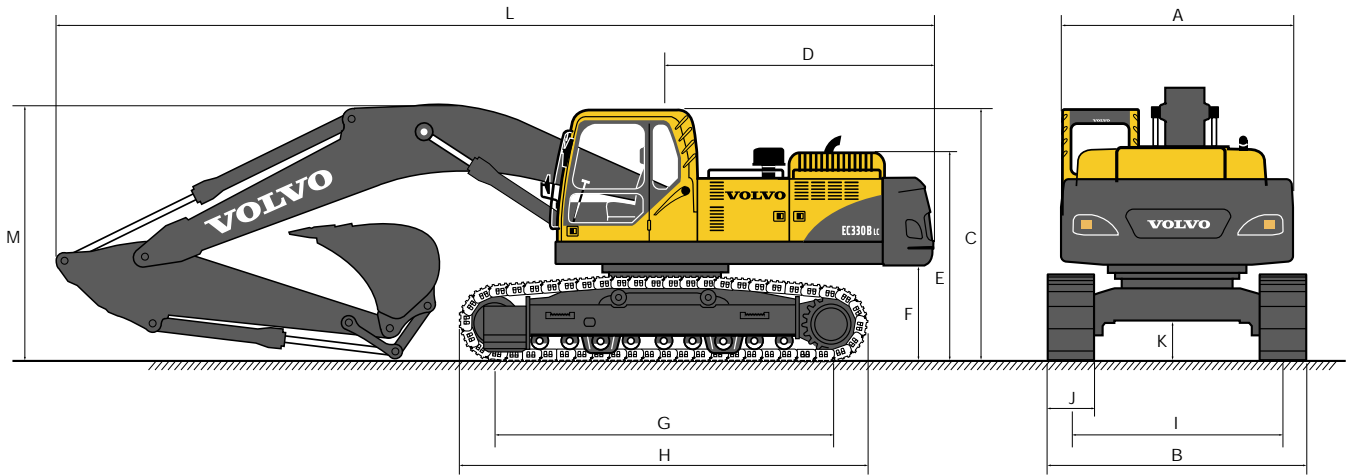
Description	Unit	6.2 m ME boom	6.45 m Boom		
		2.6 m Arm	2.6 m Arm	3.2 m Arm	3.9 m Arm
GP bucket 1.5 t/m ³	l	2,300 / 2,500*	2,200 / 2,400*	2,075 / 2,275*	1,800 / 1,975*
GP bucket 1.8 t/m ³	l	2,000 / 2,200*	1,925 / 2,100*	1,825 / 1,975*	1,575 / 1,725*
RB bucket 1.8 t/m ³	l	1,850 / 2,025*	1,775 / 1,925*	1,675 / 1,825*	1,450 / 1,600*
RB bucket 2.0 t/m ³	l	1,725 / 1,875*	1,650 / 1,800*	1,550 / 1,700*	1,350 / 1,475*

• Max. permitted sizes for quick fit buckets:

Machine with counterweight 5,800 kg / 6,700 kg*

Description	Unit	6.2 m ME boom	6.45 m Boom		
		2.6 m Arm	2.6 m Arm	3.2 m Arm	3.9 m Arm
GP bucket 1.5 t/m ³	l	2,175 / 2,375*	2,050 / 2,275*	1,950 / 2,125*	1,675 / 1,850*
GP bucket 1.8 t/m ³	l	1,900 / 2,075*	1,800 / 1,975*	1,700 / 1,875*	1,475 / 1,625*
RB bucket 1.8 t/m ³	l	1,750 / 1,925*	1,650 / 1,825*	1,575 / 1,725*	1,350 / 1,500*
RB bucket 2.0 t/m ³	l	1,625 / 1,775*	1,550 / 1,700*	1,450 / 1,600*	1,250 / 1,375*

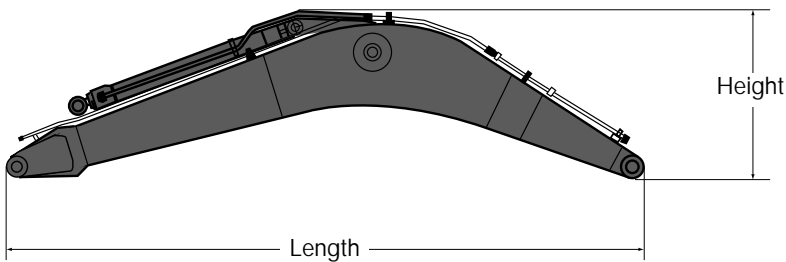
DIMENSIONS



Description	Unit	6.2 m ME boom		6.45 m Boom	
		2.6 m Arm	2.6 m Arm	3.2 m Arm	3.9 m Arm
A. Overall width of superstructure	mm	2,990	2,990	2,990	2,990
B. Overall width	mm	3,190	3,190	3,190	3,190
C. Overall height of cab	mm	3,190	3,190	3,190	3,190
D. Tail swing radius	mm	3,390	3,390	3,390	3,390
E. Overall height of engine hood	mm	2,700	2,700	2,700	2,700
F. Counterweight clearance *	mm	1,210	1,210	1,210	1,210
G. Tumbler length	mm	4,020	4,020	4,020	4,020
H. Track length	mm	4,962	4,962	4,962	4,962
I. Track gauge	mm	2,590	2,590	2,590	2,590
J. Shoe width	mm	600	600	600	600
K. Min. ground clearance *	mm	500	500	500	500
L. Overall length	mm	10,910	11,160	11,070	11,120
M. Overall height of boom	mm	3,700	3,580	3,350	3,590

* Without shoe grouser

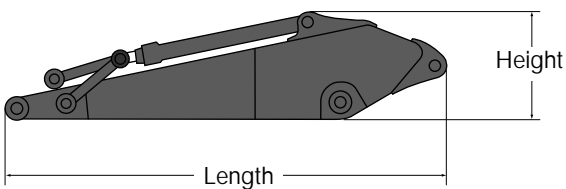
• Boom



Description	6.2 m ME	6.45 m
Length	6,460 mm	6,700 mm
Height	1,740 mm	1,800 mm
Width	820 mm	820 mm
Weight	3,230 kg	3,010 kg

* Includes cylinder, pin and piping

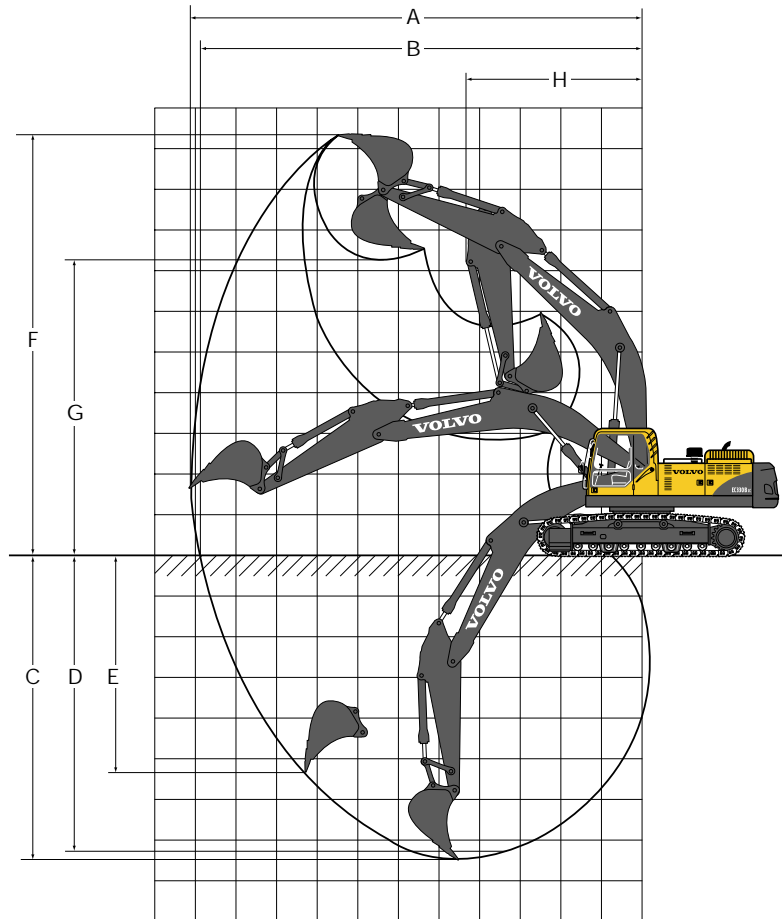
• Arm



Description	2.6 m	3.2 m	3.9 m
Length	3,780 mm	4,360 mm	5,080 mm
Height	1,145 mm	1,145 mm	1,140 mm
Width	560 mm	560 mm	560 mm
Weight	1,975 kg	1,850 kg	2,165 kg

* Includes cylinder, piping and linkage

WORKING RANGES & DIGGING FORCES



• Machine with direct fit GP bucket

Description	Unit	6.2 m ME boom		6.45 m Boom	
		2.6 m Arm	2.6 m Arm	3.2 m Arm	3.9 m Arm
A. Max. digging reach	mm	10,480	10,540	11,060	11,700
B. Max. digging reach on ground	mm	10,250	10,320	10,850	11,500
C. Max. digging depth	mm	6,720	6,770	7,370	8,080
D. Max. digging depth (8° level)	mm	6,540	6,570	7,190	7,930
E. Max. vertical wall digging depth	mm	4,880	4,900	5,290	5,920
F. Max. cutting height	mm	10,070	10,100	10,260	10,530
G. Max. dumping height	mm	6,830	7,170	7,360	7,630
H. Min. front swing radius	mm	4,180	4,390	4,340	4,320















• Digging forces with direct fit bucket

Description		Unit	6.2 m ME boom		6.45 m Boom	
			2.6 m Arm	2.6 m Arm	3.2 m Arm	3.9 m Arm
Bucket radius		mm	1,810	1,623	1,623	1,623
Breakout force – bucket (Normal / Power boost)	SAE	kN	208.0 / 228.0	192.0 / 209.0	192.0 / 209.0	192.0 / 209.0
		kg	21,300 / 23,300	19,600 / 21,400	19,600 / 21,400	19,600 / 21,400
Breakout force – bucket (Normal / Power boost)	ISO	kN	236.0 / 258.0	215.0 / 236.0	215.0 / 236.0	215.0 / 236.0
		kg	24,100 / 26,400	22,000 / 24,100	22,000 / 24,100	22,000 / 24,100
Tearout force – arm (Normal / Power boost)	SAE	kN	182.0 / 200.0	190.0 / 207.0	157.0 / 172.0	137.0 / 150.0
		kg	18,600 / 20,400	19,400 / 21,200	16,100 / 17,600	14,000 / 15,300
Tearout force – arm (Normal / Power boost)	ISO	kN	188.0 / 206.0	195.0 / 213.0	161.0 / 176.0	140.0 / 153.0
		kg	19,200 / 21,000	19,900 / 21,800	16,500 / 18,000	14,300 / 15,600
Rotation angle, bucket		deg	164	177	177	177

LIFTING CAPACITY (At the arm and without bucket)

Note: For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick fit from the following values.

EC330B LC

 Across undercarriage  Along undercarriage	Lifting hook related to ground level	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		Max. reach			
														Max. mm	
with 600 mm shoe 5,800 kg CWT boom 6.45 m + arm 2.6 m	6.0 m	kg				*10,780	9,060	9,690	6,260			*8,590	5,600	7,980	
	4.5 m	kg		*15,940	13,380	*12,380	8,600	9,480	6,070			7,610	4,870	8,560	
	3.0 m	kg		*20,110	12,190	13,090	8,090	9,200	5,830			7,090	4,500	8,840	
	1.5 m	kg		*15,570	11,550	12,620	7,690	8,960	5,600			6,960	4,380	8,860	
	0.0 m	kg		*20,140	11,390	12,370	7,470	8,800	5,460			7,180	5,460	8,620	
	-1.5 m	kg	*14,290	*14,290	20,240	11,430	12,310	7,420	8,770	5,430			7,870	4,910	8,090
	-3.0 m	kg	*25,570	23,930	*19,860	11,630	12,440	7,530					9,430	5,860	7,210
	-4.5 m	kg	*20,920	*20,920	*16,010	12,030							*12,040	8,230	5,820
with 600 mm shoe 5,800 kg CWT boom 6.45 m + arm 3.2 m	6.0 m	kg						*8,050	6,510			*6,920	5,130	8,590	
	4.5 m	kg		*12,290	*12,290	*9,890	8,910	*8,710	6,290	7,200	4,650	*6,990	4,540	9,120	
	3.0 m	kg		*15,880	12,700	*11,600	8,360	9,400	6,010	7,070	4,530	6,590	4,220	9,390	
	1.5 m	kg		*18,490	11,830	12,840	7,890	9,120	5,750	6,930	4,400	6,470	4,110	9,410	
	0.0 m	kg		*19,440	11,480	12,500	7,590	8,910	5,570	6,830	4,310	6,630	4,190	9,180	
	-1.5 m	kg	*13,820	*13,820	*19,200	11,420	12,370	7,480	8,820	5,490			7,160	4,510	8,690
	-3.0 m	kg	*21,900	*21,900	*17,960	11,550	12,420	7,520	8,880	5,550			8,300	5,210	7,880
	-4.5 m	kg	*20,830	*20,830	*15,380	11,870	*11,540	7,760					*9,990	6,790	6,630
with 600 mm shoe 5,800 kg CWT boom 6.45 m + arm 3.9 m	6.0 m	kg						*8,370	6,620	*6,980	4,780	*5,520	4,480	9,290	
	4.5 m	kg				*10,230	9,090	*9,230	6,350	7,240	4,660	*5,560	3,990	9,790	
	3.0 m	kg		*16,260	13,020	*12,290	8,440	9,440	6,010	7,050	4,490	*5,760	3,710	10,040	
	1.5 m	kg		*19,870	12,840	12,840	7,840	9,070	5,680	6,860	4,310	5,760	3,600	10,060	
	0.0 m	kg	*8,400	*8,400	20,030	11,200	12,360	7,420	8,790	5,420	6,700	4,170	5,870	3,650	9,840
	-1.5 m	kg	*13,010	*13,010	19,760	10,990	12,110	7,210	8,630	5,280	6,630	4,100	6,250	3,870	9,390
	-3.0 m	kg	*18,880	*18,880	19,810	11,030	12,080	7,180	8,610	5,260			7,060	4,370	8,640
	-4.5 m	kg	*27,110	23,010	*19,370	11,290	12,260	7,340	8,810	5,440			8,760	5,410	7,530
with 600 mm shoe 6,700 kg CWT ME boom 6.2 m + arm 2.6 m	6.0 m	kg				*9,400	*9,400	*8,950	6,690			*8,970	6,330	7,740	
	4.5 m	kg		*13,450	*13,450	*10,650	9,260	*9,360	6,540			8,440	5,490	8,330	
	3.0 m	kg		*16,870	13,270	*12,210	8,760	9,790	6,300			7,860	5,070	8,620	
	1.5 m	kg		*19,010	12,540	13,460	8,340	9,550	6,080			7,710	4,940	8,640	
	0.0 m	kg		*19,410	12,310	13,190	8,100	9,390	5,940			7,980	5,090	8,400	
	-1.5 m	kg	*16,060	*16,060	*18,670	12,330	13,120	8,050	9,370	5,920			8,790	5,580	7,850
	-3.0 m	kg	*22,460	*22,460	*16,800	12,540	*12,700	8,170					*10,420	6,730	6,940
	-4.5 m	kg		*12,910	*12,910								*10,180	9,760	5,480
with 600 mm shoe 6,700 kg CWT boom 6.45 m + arm 2.6 m	6.0 m	kg				*10,780	9,710	*10,120	6,750			*8,580	6,050	7,980	
	4.5 m	kg		*15,940	14,350	*12,380	9,260	10,100	6,570			8,130	5,290	8,560	
	3.0 m	kg		*20,110	13,160	13,840	8,750	9,820	6,320			7,590	4,900	8,840	
	1.5 m	kg		*15,570	12,520	13,480	8,340	9,580	6,100			7,450	4,780	8,860	
	0.0 m	kg		*20,140	12,360	13,220	8,120	9,420	5,950			7,690	4,910	8,620	
	-1.5 m	kg	*14,290	*14,290	21,610	12,400	13,170	8,080	9,390	5,930			8,430	5,360	8,090
	-3.0 m	kg	*25,570	*25,570	*19,860	12,600	13,290	8,180					10,080	6,380	7,210
	-4.5 m	kg	*20,920	*20,920	*16,010	13,000							*12,040	8,910	5,820
with 600 mm shoe 6,700 kg CWT boom 6.45 m + arm 3.2 m	6.0 m	kg						*8,050	7,000			*6,920	5,550	8,590	
	4.5 m	kg		*12,290	*12,290	*9,890	9,560	*8,710	6,780	7,690	5,050	*6,990	4,920	9,120	
	3.0 m	kg		*15,880	13,670	*11,600	9,010	*9,600	6,510	7,550	4,930	7,060	4,600	9,390	
	1.5 m	kg		*18,490	12,800	*13,110	8,540	9,740	6,250	7,410	4,800	6,930	4,490	9,410	
	0.0 m	kg		*19,440	12,450	13,350	8,250	9,530	6,060	7,320	4,710	7,110	4,580	9,180	
	-1.5 m	kg	*13,820	*13,820	*19,200	12,390	13,220	8,130	9,440	5,980			7,670	4,920	8,690
	-3.0 m	kg	*21,900	*21,900	*17,960	12,520	13,270	8,180	9,510	6,040			8,880	5,670	7,880
	-4.5 m	kg	*20,830	*20,830	*15,380	12,840	*11,540	8,410					*9,990	7,360	6,630
with 600 mm shoe 6,700 kg CWT boom 6.45 m + arm 3.9 m	6.0 m	kg						*8,370	7,110	*6,980	5,170	*5,520	4,860	9,290	
	4.5 m	kg				*10,230	9,740	*9,230	6,840	7,730	5,060	*5,560	4,350	9,790	
	3.0 m	kg		*16,260	13,990	*12,290	9,100	10,060	6,500	7,540	4,890	*5,760	4,060	10,040	
	1.5 m	kg		*19,870	12,810	13,700	8,500	9,690	6,170	7,340	4,700	*6,130	3,950	10,060	
	0.0 m	kg	*8,400	*8,400	21,400	12,170	13,210	8,080	9,410	5,910	7,190	4,560	6,300	4,000	9,840
	-1.5 m	kg	*13,010	*13,010	21,130	11,960	12,970	7,860	9,250	5,770	7,120	4,490	6,710	4,250	9,390
	-3.0 m	kg	*18,880	*18,880	21,180	12,000	12,930	7,830	9,230	5,750			7,570	4,780	8,640
	-4.5 m	kg	*27,110	24,890	*19,370	12,260	13,110	7,990	9,430	5,930			9,380	5,900	7,530

- Notes:
- Machine in "Fine Mode-F" (Power Boost), for lifting capacities.
 - The above loads are in compliance with SAE J1097 and ISO 10567 Hydraulic Excavator Lifting Capacity Standards.
 - Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping load.
 - Rated loads marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.

STANDARD EQUIPMENT

Engine

Turbocharged, 4 stroke 6 cylinder diesel engine with water cooling, direct injection and charged air cooler
3-stage air filter with indicator, and pre-cleaner
Air intake heater
Electric engine shut-off
Fuel filter and water separator
Coolant filter
Alternator, 80 A

Electric / Electronic control system

Contronics:
– Advanced mode control system
– Self-diagnostic system
Machine status indication
Engine speed sensing power control
"Power Max" mode system
Automatic idling system

One-touch power boost
Safety stop/start function
Adjustable monitor
Master switch
Engine restart prevention circuit
High capacity halogen lights:
– Frame mounted 2
– Boom mounted 4
Batteries, 2 x 12 V / 200 Ah
Start motor, 24 V / 6.6 kW

Hydraulic system

Automatic hydraulic system:
– Summation system
– Boom priority
– Arm priority
– Swing priority
Boom and arm regeneration valves
Swing anti-rebound valves
Boom and arm holding valves
Multi-stage filtering system
Cylinder cushions
Cylinder contamination seals

Auxiliary hydraulic valve
Straight travel circuit
Automatic two-speed travel motors
Hydraulic oil, ISO VG 46

Superstructure

Access way with handrail
Tool storage area
Punched metal anti-slip plates
Undercover (2.3 mm)

Cab and interior

Hydraulic dampening cab mounts
Adjustable operator seat and joystick control console
Flexible antenna
Hydraulic safety lock lever
Cab, all-weather sound suppressed, includes:
– Ashtray
– Cup holder
– Lighter
– Tinted glass

– Door locks
– Floor mat
– Horn
– Large storage area
– Pull-up type front window
– Removable lower windshield
– Seat belt
– Safety glass
– Windshield wiper with intermittent feature
– Stereo cassette radio
Anti-vandalism kit assembly preparation
Master ignition key

Undercarriage

Hydraulic track adjusters
Greased and sealed track chain
Track guards
Undercover (4.5 mm)

Service

Spare parts

ALTERNATIVE EQUIPMENT

Engine

Block heater, 120 V / 240 V
Fuel filler pump: 35 l/min,
50 l/min with automatic shut-off

Hydraulic system

Pilot-operated wrist control joysticks:
– Semi-long joysticks
– Control joystick, with 3 switches each
– Control joystick, with 5 switches each

Cab and interior

Seat:
– Fabric seat
– Fabric seat, with heater
– Fabric seat, with heater and air suspension

Track shoes

600 / 700 / 800 / 900 mm track shoes with triple grousers
600 mm track shoe with double grouser

Superstructure

Counterweight, 5,800 kg / 6,700 kg

Digging equipment

Boom: 6.2 m monoblock, ME
6.45 m monoblock
Arm: 2.6 / 3.2 / 3.9 m

OPTIONAL EQUIPMENT (Standard in certain markets)

Engine

Oil bath pre-cleaner
Diesel coolant heater
Tropical cooling kit

Electric

Extra lamps:
– Cab-mounted 3, (front 2, rear 1)
– Counterweight-mounted 1
Overload warning device
Rotating warning beacon
Travel alarm

Hydraulic system

Hose rupture valve: boom, arm
Hydraulic piping
– Hammer & shears:
1 pump flow
2 pump flow

Pump flow control for hammer & shears
Additional return filter
Extra piping for slope & rotator
1 switch control
2 switch control
Pedal control
– Slope & rotator
– Grapple
– Oil leak (drain) line
– Quick fit piping
Volvo hydraulic quick-fit, S3 size
Hydraulic oil, ISO VG 32
Hydraulic oil, ISO VG 68
Hydraulic oil, biodegradable 32
Hydraulic oil, biodegradable 46
Joystick control pattern changer

Superstructure

Undercover (heavy duty 4.5 mm)
Service walk
Cab entrance step

Cab and interior

Air-conditioner, manual
Heater & air-conditioner, automatic
Falling object guard (FOG)
Cab mounted falling object protective structures (FOPS)
Rain shield, front
Sun shield, front, roof, rear
Sunlight protection, roof (steel)
Safety screen for front window
Lower wiper
Anti-vandalism kit
Specific key

Undercarriage

Full track guards
Undercover (heavy duty 10 mm)

Service

Hand lamp
Tool kit:
– Full scale
– Daily maintenance

All products are not available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and designs without prior notice. The illustrations do not necessarily show the standard version of the machine.

VOLVO

Construction Equipment

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