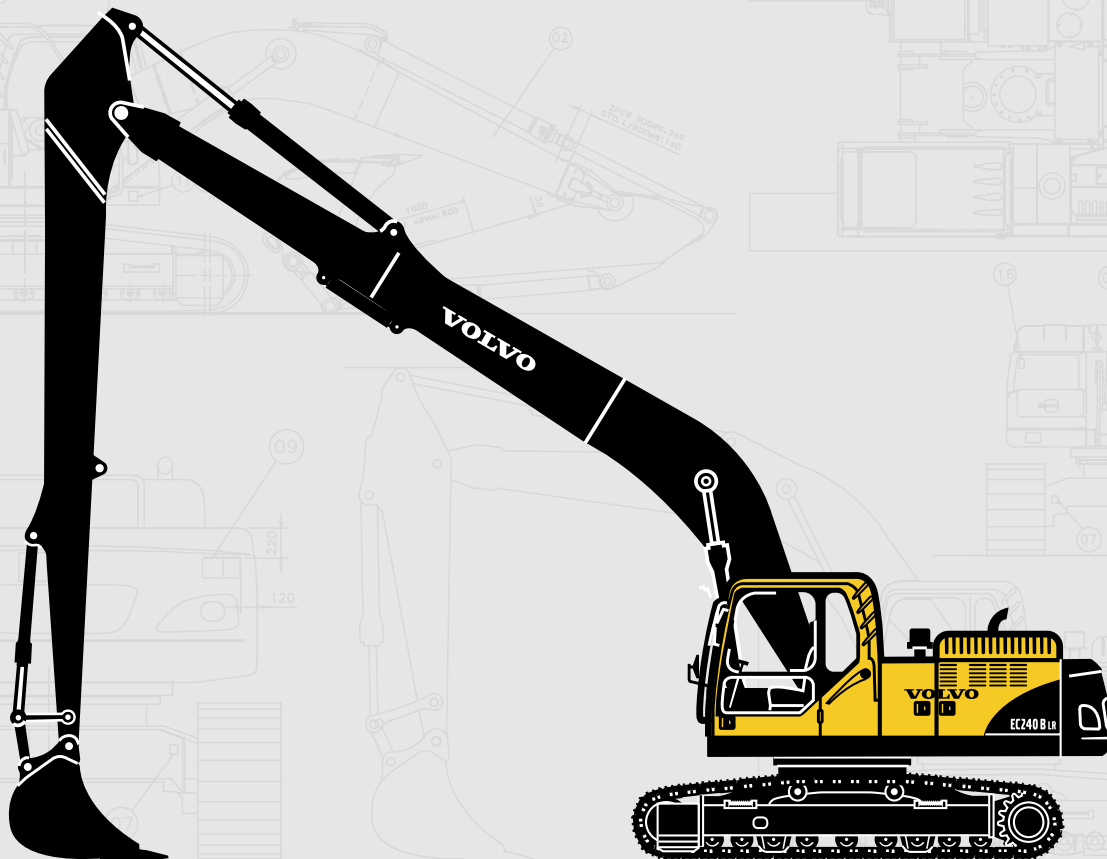


VOLVO EXCAVATORS

EC210B LR EC240B LR / EC290B LR



- Engine power, gross:
EC210B LR: 119 kW (159 hp)
EC240B LR: 134 kW (180 hp)
EC290B LR: 153 kW (205 hp)
- Operating weight:
EC210B LR: 23.2 t, 51,200 lb
EC240B LR: 27.6 t, 60,790 lb
EC290B LR: 31.6 t, 69,680 lb
- Buckets (SAE):
EC210B LR: 520 l, 0.68 yd³
EC240B LR: 520 l, 0.68 yd³
EC290B LR: 520 l, 0.68 yd³
570 l, 0.75 yd³

- Turbocharged Volvo diesel engine with direct injection and charged air cooler meets EPA Tier 2 emission standards
- 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
 - Fabric seat with heater and air suspension
- Developed for use in dredging, ditch cleaning, bank sloping and land leveling
- Auxiliary hydraulic valve is standard
- Prepared for a number of optional items

VOLVO

SPECIFICATIONS

• EC210B LR

Description		Specification
Operating weight		23,220 kg, 51,200 lb
Bucket capacity: SAE		520 l, 0.68 yd ³
Engine	Model	VOLVO D6D EAE2
	Type	4-stroke diesel engine with water cooling, direct injection and charged air cooler
	Flywheel horsepower: Net	107 kW, 143 hp at 1,900 rpm
	Gross	119 kW, 159 hp at 1,900 rpm
	Max. torque	647 N·m (66 kg·m) at 1,425 rpm, 477 lb·ft at 1,425 rpm
Fuel tank capacity		350 l, 92 gal
Hydraulic system	Type	Variable displacement axial piston pump x 2, Gear pump x 1
	System pressure	• 32.4/34.3 Mpa, 4,690/4,980 psi • Arm-in, bucket: 27.0 Mpa, 3,910 psi
	Max. flow rate	2 x 200 l/min, 2 x 53 gpm
Performance	Swing speed	11.6 rpm
	Travel speed (1st/2nd)	3.2/5.5 km/h, 2.0/3.4 mph
	Gradeability	35 deg, 70%
	Max. drawbar pull (tractive effort)	183 kN, 41,230 lb
	Ground pressure	36 kPa, 5.2 psi
Counterweight		4,900 kg, 10,800 lb

• EC240B LR

Description		Specification
Operating weight		27,570 kg, 60,790 lb
Bucket capacity: SAE		520 l, 0.68 yd ³
Engine	Model	VOLVO D7D EBE2
	Type	4-stroke diesel engine with water cooling, direct injection and charged air cooler
	Flywheel horsepower: Net	125 kW, 168 hp at 2,000 rpm
	Gross	134 kW, 180 hp at 2,000 rpm
	Max. torque	735 N·m (75 kg·m) at 1,400 rpm, 543 lb·ft at 1,400 rpm
Fuel tank capacity		380 l, 100 gal
Hydraulic system	Type	Variable displacement axial piston pump x 2, Gear pump x 1
	System pressure	• 31.4/34.3 Mpa, 4,550/4,980 psi • Arm-in, bucket: 27.0 Mpa, 3,910 psi
	Max. flow rate	2 x 230 l/min, 2 x 61 gpm
Performance	Swing speed	11.4 rpm
	Travel speed (1st/2nd)	3.2/5.5 km/h, 2.0/3.4 mph
	Gradeability	35 deg, 70%
	Max. drawbar pull (tractive effort)	209 kN, 46,960 lb
	Ground pressure	41 kPa, 5.9 psi
Counterweight		6,600 kg, 14,550 lb

SPECIFICATIONS

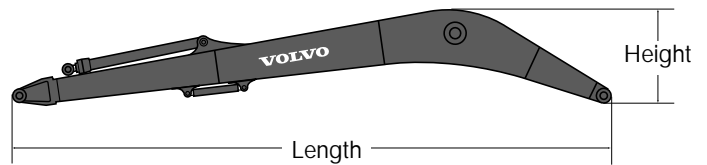
• EC290B LR

Description		Specification
Operating weight		31,600 kg, 69,680 lb
Bucket capacity: SAE		520 l, 0.68 yd³ /570 l, 0.75 yd³
Engine	Model	VOLVO D7D EAE2
	Type	4-stroke diesel engine with water cooling, direct injection and charged air cooler
	Flywheel horsepower: Net Gross	143 kW, 192 hp at 1,900 rpm
		153 kW, 205 hp at 1,900 rpm
	Max. torque	940 N·m (96 kg·m) at 1,400 rpm, 694 lb·ft at 1,400 rpm
Fuel tank capacity	470 l, 124 gal	
Hydraulic system	Type	Variable displacement axial piston pump x 2, Gear pump x 1
	System pressure	• 31.4/34.3 Mpa, 4,550/4,980 psi • Bucket: 27.5 Mpa, 3,980 psi
	Max. flow rate	2 x 250 l/min, 2 x 66 gpm
Performance	Swing speed	10.2 rpm
	Travel speed (1st/2nd)	3.3/5.2 km/h, 2.1/3.2 mph
	Gradeability	35 deg, 70%
	Max. drawbar pull (tractive effort)	231 kN, 51,820 lb
	Ground pressure	45 kPa, 6.5 psi
Counterweight		7,150 kg, 15,770 lb

DIMENSIONS

• Boom

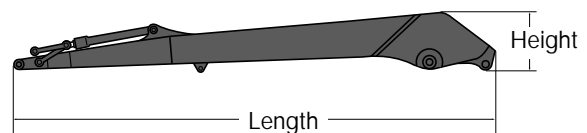
Description	EC210B LR	EC240B LR	EC290B LR
	8.85 m, 29' 0"	10.2 m, 33' 6"	10.2 m, 33' 6"
Length	9,060 mm, 29' 9"	10,410 mm, 34' 2"	10,430 mm, 34' 3"
Height	1,540 mm, 5' 1"	1,550 mm, 5' 1"	1,620 mm, 5' 4"
Width	670 mm, 2' 2"	730 mm, 2' 5"	770 mm, 2' 6"
Weight	2,330 kg, 5,140 lb	2,820 kg, 6,220 lb	3,400 kg, 7,500 lb



* Includes cylinder, pin and piping

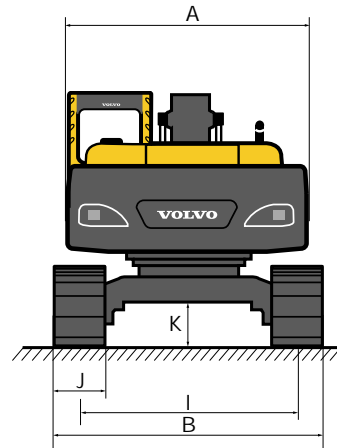
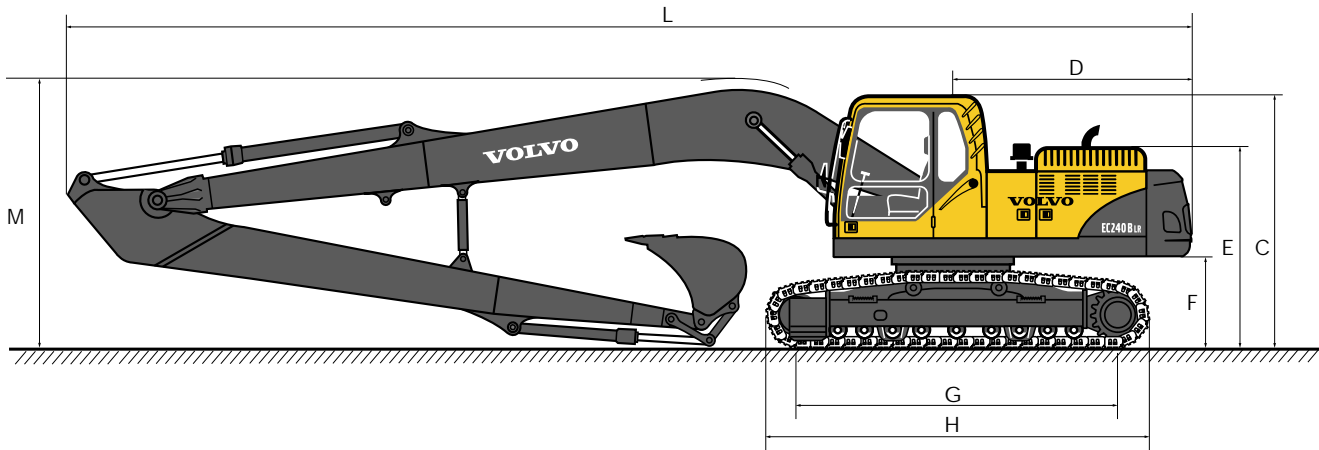
• Arm

Description	EC210B LR	EC240B LR	EC290B LR
	6.25 m, 20' 6"	7.85 m, 25' 9"	7.9 m, 25' 11"
Length	7,310 mm, 24' 0"	8,970 mm, 29' 5"	9,060 mm, 29' 9"
Height	870 mm, 2' 10"	1,145 mm, 3' 9"	1,065 mm, 3' 6"
Width	350 mm, 1' 2"	380 mm, 1' 3"	545 mm, 1' 9"
Weight	1,170 kg, 2,580 lb	1,520 kg, 3,350 lb	1,790 kg, 3,950 lb



* Includes cylinder, linkage and pin

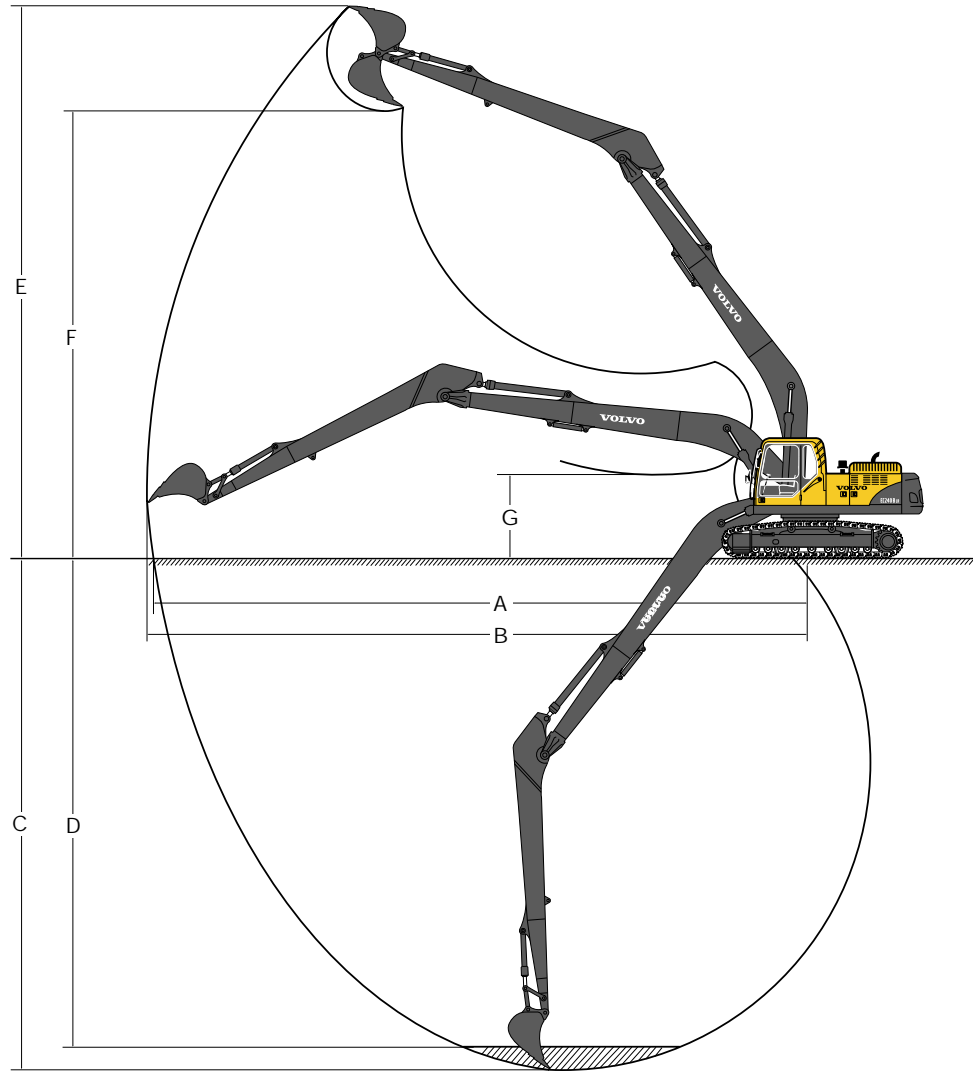
DIMENSIONS



Model	Unit	EC210B LR	EC240B LR	EC290B LR
A. Overall width of superstructure	mm, ft-in	2,700, 8' 9"	2,840, 9' 4"	2,890, 9' 5"
B. Overall width	mm, ft-in	3,190, 10' 6"	3,390, 11' 1"	3,390, 11' 1"
C. Overall height of cab	mm, ft-in	2,930, 9' 7"	2,990, 9' 10"	3,030, 9' 11"
D. Tail swing radius	mm, ft-in	2,750, 9' 0"	3,000, 9' 10"	2,970, 9' 9"
E. Overall height of engine hood	mm, ft-in	2,330, 7' 8"	2,390, 7' 10"	2,435, 8' 0"
F. Counterweight clearance *	mm, ft-in	1,025, 3' 4"	1,080, 3' 7"	1,125, 3' 8"
G. Tumbler length	mm, ft-in	3,660, 12' 0"	3,850, 12' 8"	4,015, 13' 2"
H. Track length	mm, ft-in	4,460, 14' 8"	4,650, 15' 3"	4,870, 16' 0"
I. Track gauge	mm, ft-in	2,390, 7' 10"	2,590, 8' 6"	2,590, 8' 6"
J. Shoe width	mm, in	800, 32"	800, 32"	800, 32"
K. Min. ground clearance *	mm, ft-in	460, 1' 6"	480, 1' 7"	480, 1' 7"
L. Overall length	mm, ft-in	12,810, 42' 0"	14,390, 47' 3"	14,590, 47' 10"
M. Overall height of boom	mm, ft-in	3,150, 10' 4"	3,170, 10' 5"	3,340, 10' 11"

* Without shoe grouser

WORKING RANGES & DIGGING FORCES



• Pin-on bucket














Model	Unit	EC210B LR	EC240B LR	EC290B LR
Boom/arm		8.85 m, 29' 0"/6.25 m, 20' 6"	10.2 m, 33' 6"/7.85 m, 25' 9"	10.2 m, 33' 6"/7.9 m, 25' 11"
A. Max. digging reach	mm, ft-in	15,810, 51' 10"	18,310, 60' 1"	18,600, 61' 0"
B. Max. digging reach on ground	mm, ft-in	15,710, 51' 7"	18,210, 59' 9"	18,490, 60' 8"
C. Max. digging depth	mm, ft-in	12,100, 39' 8"	14,350, 47' 1"	14,790, 48' 6"
D. Max. digging depth (8' level)	mm, ft-in	11,990, 39' 4"	14,230, 46' 8"	14,690, 48' 2"
E. Max. vertical wall digging depth	mm, ft-in	13,300, 43' 8"	14,890, 48' 10"	14,900, 48' 11"
F. Max. cutting height	mm, ft-in	10,950, 35' 11"	12,580, 41' 3"	12,570, 41' 3"
G. Min. dumping height	mm, ft-in	2,050, 6' 9"	1,880, 6' 2"	1,640, 5' 5"

Digging forces with pin-on bucket	Unit	EC210B LR	EC240B LR	EC290B LR
Bucket tip radius	mm, in	1,250, 49"	1,250, 49"	1,250, 49"
Breakout force	SAE kN/lb	68.6/15,430	68.6/15,430	69.1/15,550
Teaout force	SAE kN/lb	44.1/9,920	44.1/9,920	64.2/14,440
Rotation angle, bucket	deg	179°	179°	179°














LIFTING CAPACITY (At the arm end without bucket)

Note: For lifting capacity including bucket, simply subtract actual weight of the pin-on bucket or the bucket with quick coupler from the following values.

EC210B LR (Std. shoe 800 mm, 32", counterweight 4,900 kg, 10,800 lb)

 Across under-carriage  Along under-carriage	Lifting hook related to ground level m / ft	7.5 m, 25'				9 m, 30'				10.5 m, 35'				12 m, 40'				13.5 m, 45'				Max. reach				
		 t lb		 t lb		 t lb		 t lb		 t lb		 t lb		 t lb		 t lb		 t lb		 t lb		 t lb		Max. m / ft		
		t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	m / ft
Boom 8.85 m, 29' 0" + Arm 6.25 m 20' 6"	12.0 40'																				*0.9	*1,920	*0.9	*1,920	10.3 / 33.1	
	10.5 35'																					*0.8	*1,750	*0.8	*1,750	11.6 / 37.7
	9.0 30'																					*0.8	*1,660	*0.8	*1,660	12.6 / 41.1
	7.5 25'																					*0.7	*1,610	*0.7	*1,610	13.4 / 43.7
	6.0 20'																					*0.7	*1,610	*0.7	*1,610	13.9 / 45.6
	4.5 15'																					*2.7	*5,780	*2.7	*5,780	2.3 / 7.2
	3.0 10'	*3.5	*7,580	*3.5	*7,580	*3.0	*6,550	2.8	6,090	*2.7	*5,880	2.2	4,720	*2.5	*5,430	1.7	3,710	*2.1	*4,110	1.4	2,930	*0.8	*1,690	*0.8	*1,690	14.5 / 47.6
	1.5 5'	*4.1	*8,790	3.4	7,340	*3.4	*7,340	2.6	5,620	*3.0	*6,410	2.1	4,410	*2.7	5,780	1.6	3,510	2.2	4,580	1.3	2,810	*0.8	*1,780	*0.8	*1,780	14.6 / 47.8
	0 0'	*4.6	*9,850	3.1	6,710	*3.7	*8,070	2.4	5,210	3.2	6,830	1.9	4,130	2.6	5,580	1.6	3,320	2.2	4,630	1.3	2,700	*0.9	*1,920	*0.9	*1,920	14.4 / 47.4
	-1.5 -5'	4.9	10,580	2.9	6,270	3.8	8,200	2.3	4,890	3.1	6,590	1.8	3,910	2.5	5,420	1.5	3,170	2.1	4,130	1.2	2,610	*1.0	*2,110	*1.0	*2,110	14.2 / 46.5
	-3.0 -10'	4.8	10,290	2.8	6,000	3.7	7,970	2.2	4,680	3.0	6,430	1.7	3,760	2.5	5,320	1.4	3,080	*1.6	*2,420	1.2	2,420	*1.1	*2,380	*1.1	*2,380	13.7 / 45.0
	-4.5 -15'	4.7	10,170	2.7	5,890	3.7	7,870	2.1	4,580	2.9	6,360	1.7	3,690	2.5	5,290	1.4	3,050					*1.3	*2,770	1.3	*2,770	13.1 / 42.9
	-6.0 -20'	4.7	10,200	2.7	5,910	3.7	7,880	2.1	4,590	3.0	6,380	1.7	3,710	*2.3	*3,490	1.4	3,130					*1.5	*3,380	1.4	3,120	12.3 / 40.1
-7.5 -25'	4.8	10,370	2.8	6,070	3.7	8,020	2.2	4,720	3.0	6,550	1.8	3,870									*2.0	*4,430	1.7	3,710	11.2 / 36.3	
-9.0 -30'	*4.3	*9,080	2.9	6,390	*3.4	*7,150	2.3	5,030													*2.9	*6,670	2.1	4,790	9.7 / 31.3	
-10.5 -35'																					*3.0	*6,660	*3.0	*6,660	7.7 / 24.2	
-12.0 -40'																										

EC240B LR (Std. shoe 800 mm, 32", counterweight 6,600 kg, 14,550 lb)

















 Across under-carriage  Along under-carriage	Lifting hook related to ground level m / ft	7.5 m, 25'				9 m, 30'				10.5 m, 35'				12 m, 40'				13.5 m, 45'				Max. reach					
		 t lb		 t lb		 t lb		 t lb		 t lb		 t lb		 t lb		 t lb		 t lb		 t lb		 t lb		Max. m / ft			
		t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	m / ft	
Boom 10.2 m, 33' 6" + Arm 7.85 m 25' 9"	12.0 40'																						*0.9	*1,940	*0.9	*1,940	13.7 / 44.5
	10.5 35'																						*1.6	*3,100	*1.6	*3,100	14.7 / 47.9
	9.0 30'																						*1.9	*3,910	*1.9	*3,910	15.5 / 50.6
	7.5 25'																						*2.1	*4,700	*2.1	*4,700	16.1 / 52.7
	6.0 20'																						*2.3	*5,040	*2.3	*5,040	16.6 / 54.2
	4.5 15'																						*2.5	*5,470	*2.5	*5,470	16.9 / 55.3
	3.0 10'	*4.0	*8,700	*4.0	*8,700	*3.4	*7,410	*3.4	*7,410	*3.0	*6,550	3.0	6,500	*2.7	*5,950	2.4	5,160	*2.5	*5,510	1.9	4,140	*0.9	*1,970	*0.9	*1,970	17.0 / 55.8	
	1.5 5'	*4.7	*10,190	4.6	9,860	*3.9	*8,400	3.5	7,590	*3.3	*7,240	2.8	6,000	*3.0	*6,440	2.2	4,810	*2.7	*5,870	1.8	3,900	*0.9	*2,090	*0.9	*2,090	17.1 / 56.0	
	0 0'	*5.3	*11,500	4.1	8,900	*4.3	*9,320	3.2	6,940	*3.6	*7,900	2.6	5,540	*3.2	*6,920	2.1	4,490	2.8	5,990	1.7	3,670	*1.0	*2,240	*1.0	*2,240	16.9 / 55.6	
	-1.5 -5'	*5.8	*12,530	3.8	8,180	*4.7	*10,090	3.0	6,420	3.9	8,390	2.4	5,160	3.2	6,910	2.0	4,210	2.7	5,780	1.6	3,470	*1.1	*2,440	*1.1	2,410	16.7 / 54.8	
	-3.0 -10'	6.0	12,920	3.6	7,720	4.7	10,020	2.8	6,040	3.8	8,080	2.3	4,870	3.1	6,680	1.9	3,990	2.6	5,620	1.5	3,310	*1.2	*2,710	1.1	2,460	16.3 / 53.5	
	-4.5 -15'	5.9	12,650	3.5	7,470	4.5	9,780	2.7	5,810	3.7	7,880	2.2	4,680	3.0	6,530	1.8	3,850	2.6	5,520	1.5	3,220	*1.4	*3,080	1.2	2,580	15.8 / 51.7	
	-6.0 -20'	5.8	12,560	3.4	7,390	4.5	9,670	2.7	5,720	3.6	7,790	2.1	4,600	3.0	6,470	1.8	3,790	2.5	5,490	1.5	3,190	*1.6	*3,600	1.3	2,790	15.1 / 49.4	
-7.5 -25'	5.9	12,620	3.5	7,450	4.5	9,700	2.7	5,740	3.6	7,810	2.1	4,610	3.0	6,500	1.8	3,820	2.6	5,550	1.5	3,250	*2.0	*4,390	1.4	3,130	14.2 / 46.3		
-9.0 -30'	*5.8	*12,590	3.5	7,640	4.6	9,850	2.7	5,880	3.7	7,940	2.2	4,740	3.1	6,640	1.8	3,950					*2.5	*5,680	1.6	3,670	13.1 / 42.5		
-10.5 -35'	*5.3	*11,370	3.7	7,990	*4.4	*9,350	2.8	6,160	*3.6	*7,690	2.3	5,000									*3.1	*6,880	2.0	4,580	11.6 / 37.6		
-12.0 -40'	*4.5	*9,350	3.9	8,520	*3.6	*7,490	3.0	6,640													*3.2	*7,090	2.7	6,340	9.8 / 31.1		

- 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.
 - Contains metric and U.S. measurement charts.

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.

EC290B LR (Std. shoe 800 mm, 32", counterweight 7,150 kg, 15,770 lb)

 Across under-carriage  Along under-carriage	Lifting hook related to ground level m / ft	9 m, 30'		10.5 m, 35'		12 m, 40'		13.5 m, 45'		15 m, 50'		Max. reach															
																Max. m / ft											
		t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb										
Boom 10.2 m, 33' 6" + Arm 7.9 m 25' 11"	12.0 40'									*1.6	*2,990	*1.6	*2,990				*1.1	*2,410	*1.1	*2,410	14.1 / 45.9						
	10.5 35'									*2.2	*4,460	*2.2	*4,460				*1.0	*2,310	*1.0	*2,130	15.1 / 49.2						
	9.0 30'									*2.5	*5,310	*2.5	*5,310	*1.8	*3,460	*1.8	*3,460	*1.0	*2,250	*1.0	*2,250	15.8 / 51.8					
	7.5 25'									*2.7	*5,960	2.6	5,630	*2.2	*4,530	2.1	4,410	*1.0	*2,240	*1.0	*2,240	16.4 / 53.8					
	6.0 20'								*3.0	*6,520	*3.0	*6,520	*2.9	*6,230	2.5	5,410	*2.6	*5,330	2.0	4,270	*1.0	*2,250	16.9 / 55.2				
	4.5 15'					*3.5	*7,590	*3.5	*7,590	*3.2	*7,010	3.0	6,450	*3.0	*6,570	2.4	5,130	*2.9	*6,050	1.9	4,080	*1.0	*2,300	17.1 / 56.2			
	3.0 10'	*4.4	*9,490	*4.4	*9,490	*3.9	*8,360	3.5	7,580	*3.5	*7,550	2.8	6,020	*3.2	*6,950	2.3	4,820	*3.0	*6,500	1.8	3,870	*1.1	*2,380	17.3 / 56.8			
	1.5 5'	*4.9	*10,610	4.1	8,810	*4.2	*9,140	3.2	6,960	*3.7	*8,100	2.6	5,580	*3.4	*7,350	2.1	4,510	3.0	6,340	1.7	3,650	*1.1	*2,490	17.3 / 56.8			
	0 0'	*5.4	*11,610	3.7	7,990	*4.5	*9,850	3.0	6,380	*4.0	*8,620	2.4	5,160	3.4	7,280	2.0	4,210	2.9	6,120	1.6	3,430	*1.2	*2,650	1.2	2,630	17.2 / 56.5	
	-1.5 -5'	*5.7	*12,420	3.4	7,310	4.7	10,150	2.7	5,880	3.9	8,360	2.2	4,800	3.3	7,000	1.8	3,940	2.8	5,920	1.5	3,250	*1.3	*2,860	1.2	2,610	17.0 / 55.7	
	-3.0 -10'	5.6	12,070	3.2	6,810	4.5	9,740	2.6	5,500	3.7	8,050	2.1	4,500	3.1	6,770	1.7	3,720	2.7	5,760	1.4	3,100	*1.4	*3,130	1.2	2,650	16.6 / 54.4	
	-4.5 -15'	5.4	11,710	3.0	6,470	4.4	9,440	2.4	5,220	3.6	7,830	2.0	4,290	3.1	6,610	1.7	3,570	2.6	5,660	1.4	3,000	*1.6	*3,510	1.3	2,760	16.0 / 52.6	
	-6.0 -20'	5.3	11,510	2.9	6,290	4.3	9,280	2.4	5,060	3.6	7,700	1.9	4,170	3.0	6,530	1.6	3,490	2.6	*4,330	1.4	2,990	*1.8	*4,030	1.3	2,970	15.3 / 50.2	
	-7.5 -25'	5.3	11,460	2.9	6,250	4.3	9,230	2.3	5,020	3.6	7,680	1.9	4,150	3.0	6,550	1.6	3,520						*2.1	*4,800	1.5	3,310	14.5 / 47.2
	-9.0 -30'	5.4	11,570	2.9	6,350	4.3	9,320	2.4	5,110	3.6	7,790	2.0	4,260										*2.7	*6,020	1.7	3,850	13.3 / 43.4
-10.5 -35'	*5.1	*10,810	3.0	6,610	*4.2	*8,880	2.5	5,360														*3.4	*7,550	2.1	4,760	11.9 / 38.5	
-12.0 -40'	*4.1	*8,410	3.3	7,100																		*3.4	*7,490	2.8	6,500	10.1 / 32.2	

- 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.
 5. Contains metric and U.S. measurement charts.

STANDARD EQUIPMENT

Engine

Turbocharged, 4-stroke diesel engine with water cooling, direct injection and charged air cooler that meets EPA (Environment Protection Agency) Tier 2 emission standards

3-stage air filter with indicator and precleaner

Air intake heater

Electric engine shut-off

Fuel filter and water separator

Coolant filter

Alternator

- EC210B LR: 80 A
- EC240B LR: 80 A
- EC290B LR: 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

Travel alarm

Adjustable monitor

Master switch

Engine restart prevention circuit

High-capacity halogen lights:

- Frame-mounted 2
- Boom-mounted 2

Batteries

- EC210B LR: 2 x 12 V / 150 Ah
- EC240B LR: 2 x 12 V / 200 Ah
- EC290B LR: 2 x 12 V / 200 Ah

Start motor, 24 V / 4.8 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 cushioning

Cylinder contamination seals

Auxiliary hydraulic valve

Straight travel circuit

Automatic two-speed travel motors

Hydraulic oil, ISO VG 46

Superstructure

Access way with handrail

Full height counterweight

Tool storage area

Punched metal anti-slip plates

Undercover (heavy-duty 4,5 mm, 0.18")

Cab and interior

Fabric seat with heater and air suspension

Pilot-operated wrist control joysticks with 3 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:

- 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

- Sun shield, front, roof, rear

- 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, 0.18")

Track shoes

Track shoes 800 mm, 32" with triple grousers

OPTIONAL EQUIPMENT *(Standard in certain markets)*

Engine

Block heater: 120 V

Oil bath precleaner

Diesel coolant heater

Tropical cooling kit

Fuel filler pump: 50 l/min, 13.2 gpm with automatic shut-off

Electric

Extra lamps:

- Cab-mounted 3 (front 2, rear 1)
- Counterweight-mounted 1

Overload warning device

Rotating warning beacon

Hydraulic system

Hose rupture valve: boom, arm

Hydraulic oil, ISO VG 32

Hydraulic oil, ISO VG 68

Hydraulic oil, biodegradable 32

Hydraulic oil, biodegradable 46

Cab and interior

Fabric seat

Fabric seat with heater

Control joystick with semi-long levers

Control joystick with 5 switches each

Air-conditioner, manual

Falling object guard (FOG)

Cab-mounted falling object protective structures (FOPS)

Sunlight protection, roof (steel)

Rain shield, front

Safety screen for front window

Lower wiper

Anti-vandalism kit

Undercarriage

Full track guards

Undercover (heavy-duty 10 mm, 0.39")

Track shoes

900 mm, 36" track shoes with triple grousers

Service

Hand lamp

Spare parts

Tool kit, full scale

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

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