VOLVO

Volvo Excavators 8.8-10.5 t 74 hp

ECR90

Volvo Construction Equipment

ECR90

The Volvo ECR90 packs 10-tonne+ performance into a compact 9-tonne short swing excavator. With more power, faster cycles, 8% larger cab and improved uptime, get ready for maximum results across construction, utilities, road building and more.

Operator control

- Featuring a new 8” high-definition touchscreen interface inherited from larger Volvo Excavators
- Keyless engine start/stop
- Operators can now control all essential machine functions from the display
- Larger right-hand console for improved dozer blade control
- Hydraulic dozer blade lever with integrated high-speed travel and floating mode buttons

Easy to service

- Wide opening hood
- Ground level service access
- Grouped filters
- 19-litres less hydraulic oil

Outstanding short swing performance

- Compact design, superior stability, minimal tail swing

Big on performance, big on comfort, big results

The Volvo ECR90 delivers the sort of capabilities more commonly found in a 10-tonne+ machine, wrapped up in a compact 9-tonne short swing excavator. With 28% more engine power, 8% more pump torque, 7% more tractive force, and increased digging and lifting performance, the ECR90 delivers fast cycles, high productivity and outstanding results across general construction, utilities, road building and more. The operator experience has also been taken to new heights with an 8% larger cab, a new 8" HD intuitive display and enhanced controls, while uptime is given a boost thanks to easier servicing and longer service intervals.

More productivity, faster cycle times

- 28% more engine power
- 15% more pump torque
- 7% more tractive force
- 11% more arm digging force
- 13% more bucket force
- 7% more lifting capacity

8% larger cab

- Space and comfort you'd expect from a 10-tonne+ machine
- Conveniently located in-cab storage locations
- Cupholder, document holder, phone holder, glove holder
- USB charging sockets

Work for longer

- Larger 130 litre fuel tank capacity (18% increase compared to previous generation)
- Auto engine shutdown (operator sets pre-set shutdown time between 5-60 mins)
- CareTrack telematics with Active Care
- New software architecture for seamless future updates

New options

- New sliding air suspension seat, including 3-point seatbelt
- Side view camera
- White noise alarm
- Additional oil drain line
- Engine block heater
- Electric dozer control on LH joystick

New levels of comfort

- 18% more air-con performance
- New, wider and height adjustable arm rests
- New tiltable left-hand console for easy entry/exit
- Entry door openable window
- Optional cooling/heating function integrated into seat

Versatility and customization

- 136 l/min hydraulic flow for accessories (15% more than previous generation)
- Choice of mono boom or 2-piece boom
- Tiltrotator from the factory
- Range of Volvo Attachments

Longer service intervals

- DPF cleaning every 8 000 hours (up from 6 000 compared to the previous generation).
- Hydraulic return filter changes every 1 500 hours (3 times longer than the previous generation)
- 3 000-hour suction filter interval (50% longer than previous generation)
- 6 000-hour long life oil interval (20% longer than previous generation)

Configured your way

- Choose the optimum configuration for your operation
- Choice of mono boom or 2-piece boom
- Tiltrotator from the factory
- With a range of Volvo Attachments the ECR90 can be equipped to take on a wide array of tasks
- With 136 l/min hydraulic flow for accessories (15% more than previous generation), the machine can now handle the most powerful attachments

More spacious, upgraded cab

- All the space and comfort you'd expect from a 10-tonne+ machine
- 8% larger cab: more legroom and comfort
- New display and controls
- Entry door openable window
- New conveniently located in-cab storage locations: cupholder, document holder, glove compartment and phone holder
- USB sockets to charge smart devices and connect phone to the in-cab display

Outstanding short swing performance

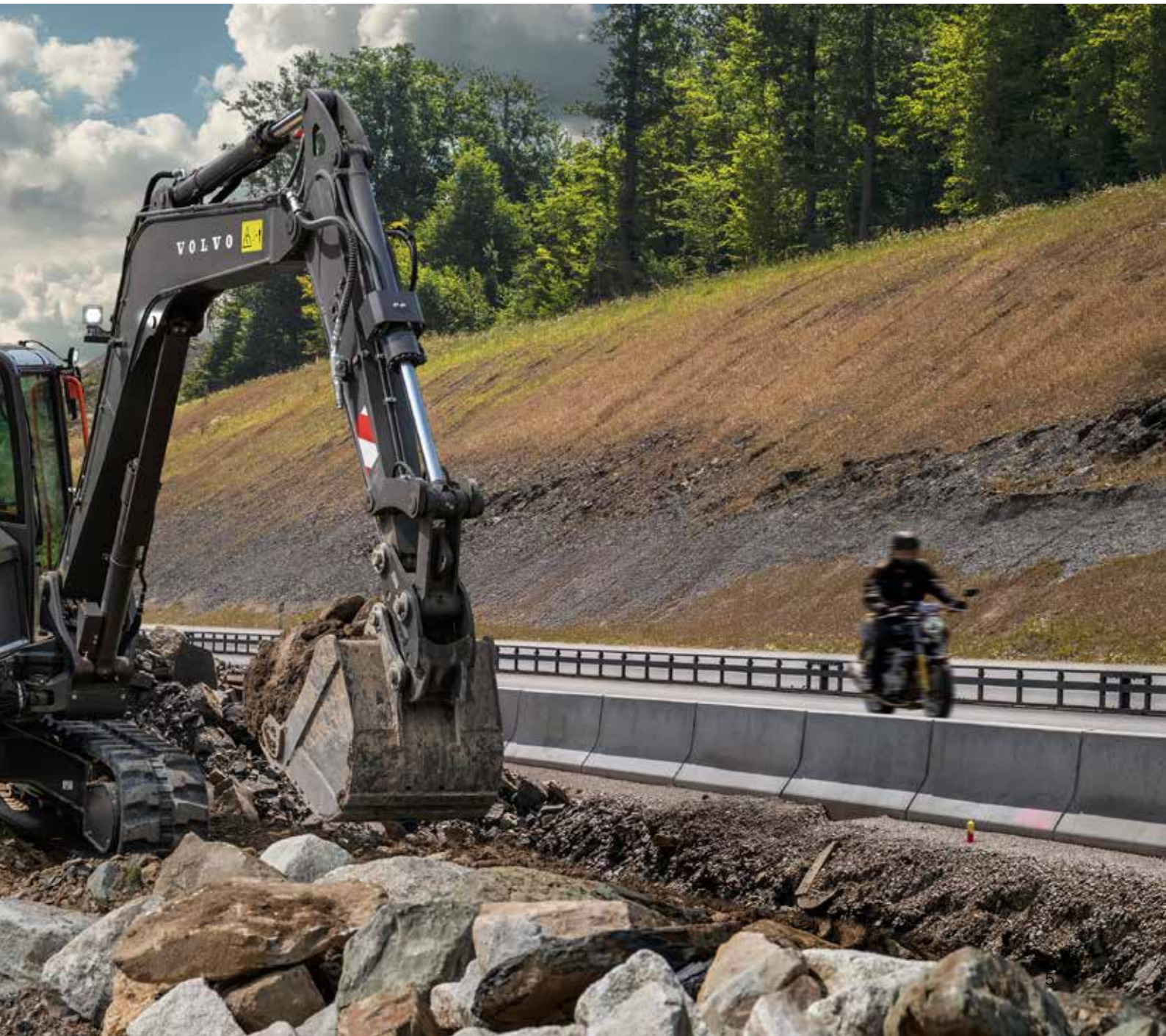
- Compact design, superior stability and minimal tail swing
- Work efficiently in confined spaces
- 28% more engine power
- 15% more pump torque
- 7% more tractive force
- Get ready for fast cycle times and maximum productivity

Easy to service

- Servicing has never been easier in the ECR90
- New wide opening hood allowing safe and easy access
- All service check points are located under the wide-opening engine hood and accessed from ground level
- Grouped filters ensure regular maintenance is straightforward, helping to maximize uptime

Dig more, lift more

- More power where it counts to tackle tough jobs with ease
- 11% more arm digging force
- 13% more bucket digging force
- 7% greater lifting capacity
- A machine ready to deliver outstanding results across a range of jobsites



Volvo ECR90 in detail

Engine		
The new engine which provide excellent performance is equipped with a four-cylinder, vertical, electronic controlled high pressure fuel injectors, in-line turbo charger and water cooled diesel engine type. This engine fully meets the demands of the latest Tier 4f (Stage V) emissions regulations.		
Model	Brand	D3.3H
Max. power at	rpm	2 000
Net (ISO 9249/SAEJ1349)	kW	53.5
Net (ISO 9249/SAEJ1349)	hp	72.7
Gross (SAE J1995)	kW	54.6
Gross (SAE J1995)	hp	74.2
Max. torque	Nm	289
at engine speed	rpm	1 400
No. of cylinders		4
Displacement	lit	3.33
Bore	mm	94
Stroke	mm	120

Electrical System		
Battery	V	12
Battery capacity	Ah	100
Alternator	V/Ah	12/70
Starter motor output	V - kW	12 - 3

Undercarriage		
Track shoes		2 x 39
Link pitch	mm	154
Shoe width - steel	mm	450 / 600
Shoe width - rubber	mm	450
Bottom rollers		2 x 5
Top rollers		2 x 1

Travel System		
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. travel speed low	km/h	2.6
Max. travel speed high	km/h	5.0
Max. drawbar pull	kN	68.3
Gradeability	°	35

Swing System		
Swing is provided by direct-drive, radial piston motor - maintenance-free type (no reduction gear). An automatic holding brake and anti-rebound valve are standard.		
Max. swing speed	rpm	9
Max. swing speed	kN/m	23.5

Service Refill		
Fuel tank	lit	130
Hydraulic system, total	lit	113
Hydraulic tank	lit	60
Engine oil	lit	11.9
Engine coolant	lit	9.3
Travel reduction unit	lit	2 x 1.6

Sound Level		
Interior sound level according to ISO 6396		
L_{pA}	dB	74
External sound level according to ISO 6395 and EU Noise Directive (2000/14/EC) and 474-1:2006 +A1:2009		
L_{WA}	dB	98

Hydraulic System		
Open center, Power Control system providing accurate controllability.		
Main pump: Variable-displacement pump		
Maximum flow	l/min	190
Max. pressure		
Implement	MPa	29.4
Travel circuit	MPa	31.4
Swing circuit	MPa	24.5
Pilot circuit	MPa	3.4
Pilot pump: Gear pump		
Maximum system flow	l/min	13
Maximum flow for accessories	l/min	136
Maximum pressure for accessories	MPa	29.5
Maximum flow for 2nd accessory circuit	l/min	28
Maximum pressure for 2nd accessory circuit	MPa	15


VOLVO
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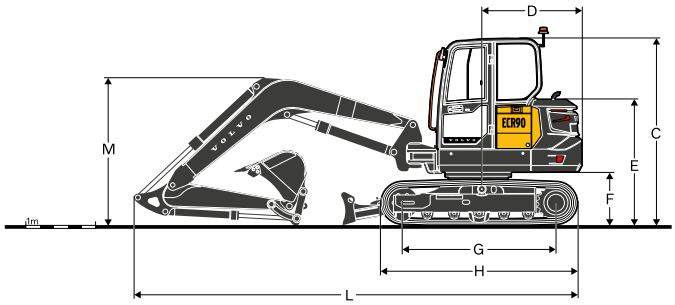
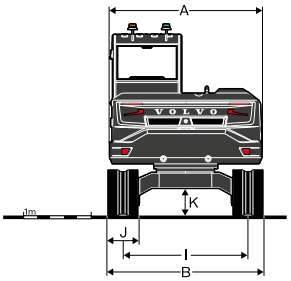
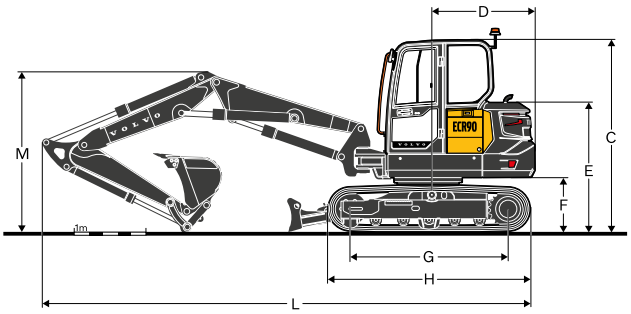
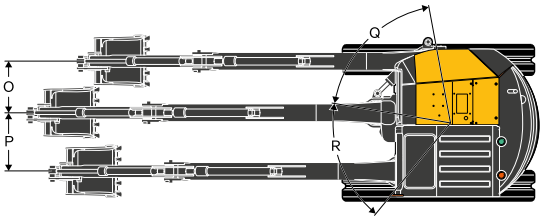
Specifications





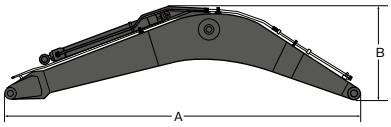


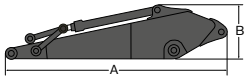


DIMENSIONS

Description			ECR90			
Boom		Unit	3.55 m		3.85 m 2-pieces	
Arm			1.7 m	2.1 m	1.7 m	2.1 m
A	Overall width of upper structure	mm	2 260	2 260	2 260	2 260
B	Overall width	mm	2 300	2 300	2 300	2 300
C	Overall height of cab	mm	2 715	2 715	2 715	2 715
D	Tail swing radius	mm	1 490	1 490	1 490	1 490
E	Overall height of engine hood	mm	1 810	1 810	1 810	1 810
F	Counterweight clearance *	mm	760	760	760	760
G	Tumbler length	mm	2 200	2 200	2 200	2 200
H	Track length	mm	2 830	2 830	2 830	2 830
I	Track gauge	mm	1 850	1 850	1 850	1 850
J	Shoe width	mm	450	450	450	450
K	Min. ground clearance *	mm	405	405	405	405
L	Overall length	mm	6 570	6 620	7 010	7 060
M	Overall height of boom	mm	2 115	2 230	2 247	2 455
O	Boom swing distance	mm	760	760	756	756
P	Boom swing distance	mm	860	863	863	863
Q	Boom swing angle	°	70		70	
R	Boom swing angle	°	60		60	

* Without shoe grouser





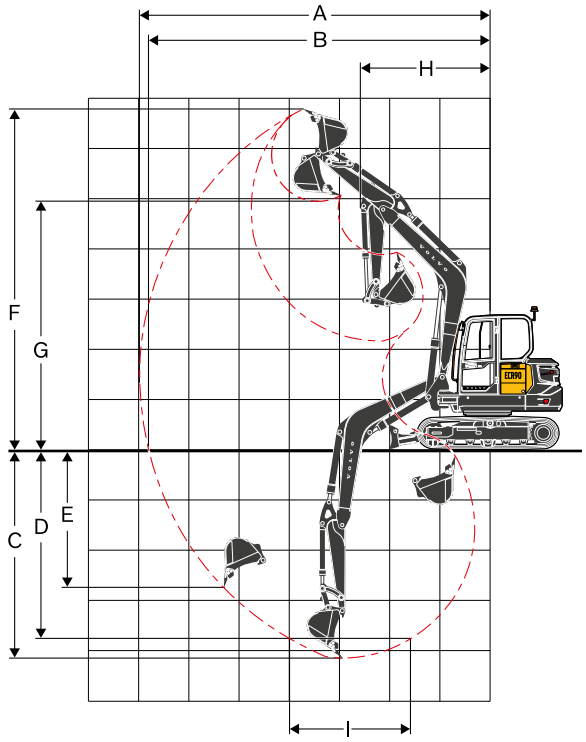
DIMENSIONS

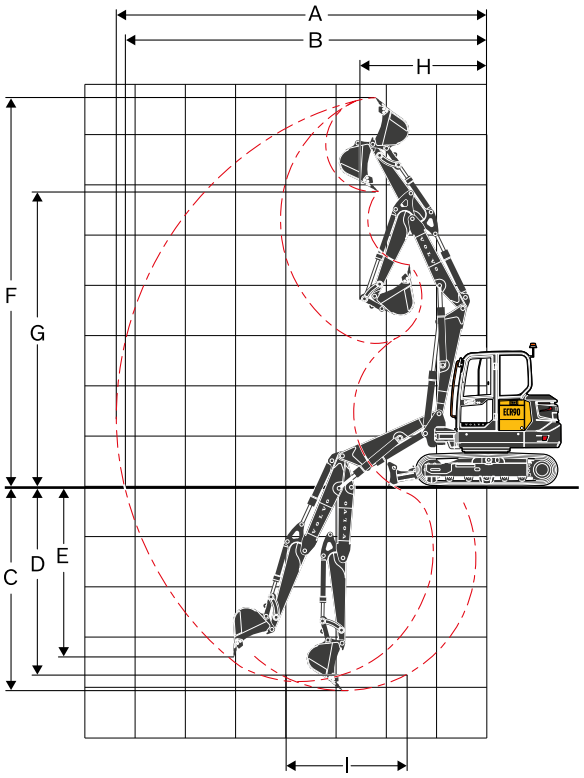
			Boom				Arm	
Description		**Unit**	**3.55 m**	**3.85 m 2-pieces**	**Description**	**Unit**	**1.7 m**	**2.1 m**
A	Length	mm	3 700	4 030	A Length	mm	2 283	2 684
B	Heigth	mm	1 244	983	B Heigth	mm	518	562
Width		mm	335	340	Width	mm	305	305
Weight		kg	530	774	Weight	kg	280	340
			Includes cylinder, piping and pin, excludes boom cyl. Pin				Includes cylinder, linkage and pin	

DIMENSIONS

Dozer blade		**Unit**	**Standard Dozer**
A	Height	mm	470
	Width	mm	2 300
B	Lifting height	mm	518
C	Digging depth	mm	433

Specifications



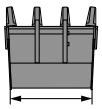
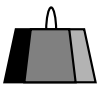
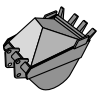


WORKING RANGES				
Description		**Unit**	**ECR90**	
Boom		**m**	**3.55 m**	
Arm		**m**	**1.7 m**	**2.1 m**
A. Max. digging reach		mm	6 970	7 350
B. Max. digging reach on ground		mm	6 800	7 180
C. Max. digging depth		mm	4 130	4 530
D. Max.digging depth (I=2 440 mm level)		mm	3 750	4 200
E. Max. vertical wall digging depth		mm	2 820	3 200
F. Max. cutting height		mm	6 790	7 050
G. Max. dumping height		mm	4 960	5 220
H. Min. front swing radius		mm	2 570	2 650
DIGGING FORCES WITH DIRECT FIT BUCKET				
Breakout force (bucket)	SAE J1179	kN	57.1	56.8
	ISO 6015	kN	65.0	64.6
Tearout force (arm)	SAE J1179	kN	43.3	37.7
	ISO 6015	kN	44.4	38.4
Rotation angle, bucket		°	189	

MACHINE WEIGHTS AND GROUND PRESSURE - ECR90

Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Steel track	450	9 100	41.0	2 300	9 162	41.2	2 300
	600	9 268	31.3	2 450	9 330	31.5	2 450
Rubber track	450	8 927	40.0	2 300	8 989	40.3	2 300
Rubber pad	450	9 250	41.1	2 300	9 312	41.4	2 300
		3.55 m boom, 1.7 m arm, 266 L bucket, 1 500 kg counterweight			3.55 m boom, 2.1 m arm, 266 L bucket, 1 500 kg counterweight		
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Steel track	450	9 409	42.4	2 300	9 471	42.6	2 300
	600	9 577	32.3	2 450	9 639	32.5	2 450
Rubber track	450	9 236	41.4	2 300	9 298	41.6	2 300
Rubber pad	450	9 559	42.5	2 300	9 621	42.8	2 300
		3.85 m 2-pieces boom, 1.7 m arm, 266 L bucket, 1 500 kg counterweight			3.85 m 2-pieces boom, 2.1 m arm, 266 L bucket, 1 500 kg counterweight		

BUCKETS

Width	Weight	Capacity
mm	kg	l
300	118	79
450	145	143
600	169	200
750	188	266
900	212	333
1 500	241	266

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.

BUCKET SELECTION GUIDE

		3.0 m Boom, Direct Fit			
		1.7 m Arm		2.1 m Arm	
Description	Material density	Volume	Weight	Volume	Weight
	t/m³	L	kg	L	kg
GP Bucket	1.5	425	325	400	300
	1.8	375	275	350	250

Specifications

LIFTING CAPACITY ECR90

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 coupler from the following values.

	Lifting hook related to ground level		1.0 m		2.0 m		3.0 m		4.0 m		5.0 m		6.0 m		Max reach		
			Along UC	Accross UC	Along UC	Accross UC	Along UC	Accross UC	Along UC	Accross UC	Along UC	Accross UC	Along UC	Accross UC	Along UC	Accross UC	
Boom: 3.55 m Arm: 1.7 m Shoe Rubber: 450 mm CWT: 1 400 kg Dozer blade down	5.0 m	kg							*1540	*1540					*1620	*1620	4.6 m
	4.0 m	kg							*1600	*1600	*1560	1450			*1580	1290	5.3 m
	3.0 m	kg					*2510	*2510	*1920	*1920	*1660	1420			*1550	1110	5.8 m
	2.0 m	kg					*3740	2940	*2360	1920	*1850	1370	*1610	1030	*1600	1030	6.0 m
	1.0 m	kg							*2720	1830	*2030	1330	*1650	1010	*1650	1010	6.0 m
	0.0 m	kg					*3810	2750	*2850	1780	*2100	1290			*1690	1040	5.8 m
	-1.0 m	kg			*3570	*3570	*3890	2760	*2730	1770	*2000	1290			*1730	1160	5.4 m
	-2.0 m	kg			*4870	*4870	*3240	2800	*2310	1790					*1740	1430	4.7 m
	-3.0 m	kg					*1930	*1930							*1540	*1540	3.4 m
Boom: 3.55 m Arm : 1.7 m Shoe Rubber: 450 mm CWT: 1 400 kg Dozer blade up	5.0 m	kg							*1540	*1540					*1620	1580	4.6 m
	4.0 m	kg							*1600	*1600	*1560	1370			1540	1220	5.3 m
	3.0 m	kg					*2510	*2510	*1920	1910	*1660	1340			1340	1050	5.8 m
	2.0 m	kg					3580	2750	2310	1810	1650	1290	1240	970	1240	970	6.0 m
	1.0 m	kg							2220	1720	1600	1250	1220	950	1220	950	6.0 m
	0.0 m	kg					3390	2580	2170	1670	1570	1220			1260	980	5.8 m
	-1.0 m	kg			*3570	*3570	3400	2580	2160	1660	1560	1210			1400	1090	5.4 m
	-2.0 m	kg			*4870	*4870	*3240	2620	2180	1690					*1740	1350	4.7 m
	-3.0 m	kg					*1930	*1930							*1540	*1540	3.4 m
Boom: 3.55 m Arm: 2.1 m Shoe Rubber: 450 mm CWT: 1 400 kg Dozer blade down	6.0 m	kg													*1520	*1520	4.0 m
	5.0 m	kg									*1400	*1400			*1330	*1330	5.1 m
	4.0 m	kg									*1360	*1360			*1230	1120	5.8 m
	3.0 m	kg							*1660	*1660	*1490	1420	*1410	1040	*1210	980	6.2 m
	2.0 m	kg					*3190	3000	*2120	1920	*1700	1360	*1490	1020	*1250	910	6.4 m
	1.0 m	kg					*3640	2770	*2540	1810	*1910	1310	*1580	990	*1330	890	6.4 m
	0.0 m	kg					*3950	2690	*2770	1750	*2040	1260	*1610	970	*1490	920	6.2 m
	-1.0 m	kg	*2670	*2670	*3090	*3090	*4040	2680	*2750	1720	*2020	1250			*1570	1000	5.8 m
	-2.0 m	kg	*3990	*3990	*4950	*4950	*3540	2720	*2470	1730	*1750	1260			*1600	1200	5.2 m
	-3.0 m	kg			*3940	*3940	*2550	*2550	*1690	*1690					*1560	*1560	4.1 m
Boom: 3.55 m Arm: 2.1 m Shoe Rubber: 450 mm CWT: 1 400 kg Dozer blade up	6.0 m	kg													*1520	*1520	4.0 m
	5.0 m	kg									*1400	1370			*1330	1330	5.1 m
	4.0 m	kg									*1360	*1360			*1230	1060	5.8 m
	3.0 m	kg							*1660	*1660	*1490	1340	1250	980	1190	930	6.2 m
	2.0 m	kg					*3190	2810	*2120	1810	1640	1280	1230	960	1110	860	6.4 m
	1.0 m	kg					3410	2590	2200	1710	1580	1230	1200	930	1090	840	6.4 m
	0.0 m	kg					3330	2510	2130	1640	1540	1190	1180	910	1120	860	6.2 m
	-1.0 m	kg	*2670	*2670	*3090	*3090	3320	2510	2110	1610	1520	1170			1230	940	5.8 m
	-2.0 m	kg	*3990	*3990	*4950	*4950	3350	2540	2120	1620	1540	1180			1460	1130	5.2 m
	-3.0 m	kg			*3940	*3940	*2550	*2550	*1690	*1690					*1560	*1560	4.1 m

Notes: 1. The above loads are in compliance with SAE J1097 and ISO 10567 Hydraulic Excavator Lifting Capacity Standards. 2. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. 3. Rated loads marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.

LIFTING CAPACITY ECR90

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 coupler from the following values.

	Lifting hook related to ground level		1.0 m		2.0 m		3.0 m		4.0 m		5.0 m		6.0 m		Max reach		
			Along UC	Accross UC	Along UC	Accross UC	Along UC	Accross UC	Along UC	Accross UC	Along UC	Accross UC	Along UC	Accross UC	Along UC	Accross UC	
Boom: 3.55 m Arm: 1.7 m Shoe Rubber: 450 mm CWT: 1 610 kg Dozer blade down	5.0 m	kg							*1540	*1540					*1620	*1620	4.6 m
	4.0 m	kg							*1600	*1600	*1560	1530			*1580	1360	5.3 m
	3.0 m	kg					*2510	*2510	*1920	*1920	*1660	1500			*1550	1180	5.8 m
	2.0 m	kg					*3740	3110	*2360	2030	*1850	1460	*1610	1100	*1600	1090	6.0 m
	1.0 m	kg							*2720	1940	*2030	1410	*1650	1080	*1650	1070	6.0 m
	0.0 m	kg					*3810	2930	*2850	1900	*2100	1380			*1690	1110	5.8 m
	-1.0 m	kg			*3570	*3570	*3890	2940	*2730	1890	*2000	1370			*1730	1230	5.4 m
	-2.0 m	kg			*4870	*4870	*3240	2980	*2310	1910					*1740	1530	4.7 m
	-3.0 m	kg					*1930	*1930							*1540	*1540	3.4 m
Boom: 3.55 m Arm: 1.7 m Shoe Rubber: 450 mm CWT: 1 610 kg Dozer blade up	5.0 m	kg							*1540	*1540					*1620	*1620	4.6 m
	4.0 m	kg							*1600	*1600	*1560	1450			*1580	1290	5.3 m
	3.0 m	kg					*2510	*2510	*1920	*1920	*1660	1420			1410	1120	5.8 m
	2.0 m	kg					*3740	2920	*2360	1920	1740	1380	1320	1030	1310	1030	6.0 m
	1.0 m	kg							2340	1830	1690	1330	1300	1020	1290	1010	6.0 m
	0.0 m	kg					3580		2290	1780	1660	1300			1340	1050	5.8 m
	-1.0 m	kg			*3570	*3570	3590	2750	2280	1770	1650	1290			1490	1160	5.4 m
	-2.0 m	kg			*4870	*4870	*3240	2790	2300	1800					*1740	1440	4.7 m
	-3.0 m	kg					*1930	*1930							*1540	*1540	3.4 m
Boom: 3.55 m Arm: 2.1 m Shoe Rubber: 450 mm CWT: 1 610 kg Dozer blade down	6.0 m	kg													*1520	*1520	4.0 m
	5.0 m	kg									*1400	*1400			*1330	*1330	5.1 m
	4.0 m	kg									*1 360	*1 360			*1 230	1 190	5.8 m
	3.0 m	kg							*1 660	*1 660	*1 490	*1 490	*1 410	1 110	*1 210	1 050	6.2 m
	2.0 m	kg					*3 190	3 170	*2 120	2 040	*1 700	1 450	*1 490	1 080	*1 250	980	6.4 m
	1.0 m	kg					*3 640	2 950	*2 540	1 930	*1 910	1 390	*1 580	1 060	*1 330	960	6.4 m
	0.0 m	kg					*3 950	2 870	*2 770	1 860	*2 040	1 350	*1 610	1 040	*1 490	980	6.2 m
	-1.0 m	kg	*2 670	*2 670	*3 090	*3 090	*4 040	2 860	*2 750	1 840	*2 020	1 330			*1 570	1 070	5.8 m
	-2.0 m	kg	*3 990	*3 990	*4 950	*4 950	*3 540	2 890	*2 470	1 850	*1 750	1 340			*1 600	1 280	5.2 m
	-3.0 m	kg			*3 940	*3 940	*2 550	*2 550	*1 690	*1 690					*1 560	*1 560	4.1 m
Boom: 3.55 m Arm: 2.1 m Shoe Rubber: 450 mm CWT: 1 610 kg Dozer blade up	6.0 m	kg													*1 520	*1 520	4.0 m
	5.0 m	kg									*1 400	*1 400			*1 330	*1 330	5.1 m
	4.0 m	kg									*1 360	*1 360			*1 230	1 130	5.8 m
	3.0 m	kg							*1 660	*1 660	*1 490	1 420	1 330	1 050	*1 210	990	6.2 m
	2.0 m	kg					*3 190	2 980	*2 120	1 920	*1 700	1 370	1 300	1 020	1 180	920	6.4 m
	1.0 m	kg					3 600	2 760	2 330	1 820	1 670	1 310	1 270	990	1 160	900	6.4 m
	0.0 m	kg					3 520	2 680	2 260	1 750	1 630	1 270	1 250	970	1 190	930	6.2 m
	-1.0 m	kg	*2 670	*2 670	*3 090	*3 090	3 510	2 670	2 230	1 720	1 610	1 250			1 300	1 010	5.8 m
	-2.0 m	kg	*3 990	*3 990	*4 950	*4 950	*3 540	2 700	2 240	1 740	1 630	1 270			1 550	1 210	5.2 m
	-3.0 m	kg			*3 940	*3 940	*2 550	*2 550	*1 690	*1 690					*1 560	*1 560	4.1 m

Notes: 1. The above loads are in compliance with SAE J1097 and ISO 10567 Hydraulic Excavator Lifting Capacity Standards. 2. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. 3. Rated loads marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.

Equipment

STANDARD AND OPTIONAL EQUIPMENT	
• = Standard / o = Optional	
Engine	
Low-emission Volvo Tier4f diesel engine	•
Block heater: 120 V, 240 V	o
Standard cooling system	•
Two-stage air filter	•
Electric engine shutoff	•
Fuel filter and water separator	•
Fuel filler pump: 30 l/min, with automatic shut-off	•
Alternator, 70 A	•
Electric/Electronic control system	
Safe engine start function	•
Automatic idling system	•
LED working lights;	•
-Cab-mounted 2 (front), Boom-mounted 1	•
Extra working lights;	o
-Cab-mounted 1 (rear)	o
Master electrical disconnect switch	•
Caretrack	o
Air compressor	o
Rotating warning beacon	o
Rear view camera	•
Side view camera	o
Travel alarm	o
Travel alarm white noise	o
Battery, 12 V / 100 Ah	•
Start motor, XX V / XX kW	•
Hydraulic system	
Automatic two speed travel motors	•
Hose rupture valve for boom	•
Overload warning device	•
Cylinder cushioning	•
Hydraulic fluid mineral 46	•
Hydraulic oil, ISO VG 32, 68	o
Hydraulic oil, biodegradable 46	o
Hydraulic oil, longlife oil 32, 46, 68	o
Hammer & shear hydraulic piping	•
Hydraulic piping:	o
-Slope & rotator	o
-Grapple	o
-Quick coupler	o
Pilot control change	o

STANDARD AND OPTIONAL EQUIPMENT	
• = Standard / o = Optional	
Cab and interior	
ROPS cab	•
Cab with caretrack	o
Canopy	o
Cab mounted FOG (Falling Object Guard)	o
FOPS (Falling Object Protection Structure)	o
Safety net	o
Adjustable fabric operator seat with suspension	•
Adjustable PVC operator seat with suspension	o
Delux seat (Fabric, PVC)	o
Seat belt, 2 inch retractable	•
Seat belt, 3 inch retractable	o
Control joystick	•
Heater and air-conditioner	•
AM/FM stereo	•
AM/FM stereo with CD player and USB input	o
Master key	•
Hour meter (non analog)	•
Mechanical hour meter	o
Frame	
Rearview mirror	•
1 400 kg counterweight	•
1 500 kg counterweight	o
Under cvoer	•
Dozer blade	•
Dozer blade with floating function	o
Undercarriage	
Greased and sealed track link	•
450 mm rubber track	•
450 mm , 600 mm steel track	o
450 mm rubber pad	o
Digging equipment	
Boom: 3.55 m, Arm: 1.7 m	•
Boom: 3.85 m 2-pieces, Arm: 2.1 m	o
Linkage with lifting eye	•
Linkage	o
Service	
Tool kit-daily maintenance	•
Tool kit, full scale	o
Spare parts	o

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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Ref. No 20066797_C / English-21 / 2026.07 / EXC / Volvo, Global Marketing

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