

V O L V O



Volvo Electric Crawler Excavator 21.6 - 26.2 t / 47,540 - 57,680 lb

EC230 ELECTRIC

Volvo Construction Equipment

EC230 ELECTRIC

Electrify your operations with the EC230 Electric, delivering zero-emissions, low-noise operations.



Quiet, clean and comfortable

Electrify your operations with the EC230 Electric. This zero-tailpipe emissions solution brings cleaner, quieter and more comfortable operations to your jobsite, along with all the productivity and performance you expect from a Volvo Crawler Excavator. Featuring proven Volvo technology – combined with a comprehensive range of charging solutions – the EC230 Electric can help you lower operating costs and access new applications, making it a smart choice for the environment and your business.



Clean and comfortable

- Significant reduction in noise, dust, vibration and heat
- More responsive machine
- No exhaust fumes



Proven Volvo technology

- Utilizes same battery and motor technology as Volvo trucks
- Tried, tested and proven over many years in demanding applications
- Helps to ensure reliability, durability and performance



Lower costs

- A move to an electric machine can reduce energy costs
- Electric motor around 99% efficient and no energy is used, further saving on energy consumption and wear.



New business horizons

- Open up new opportunities for your business
- Work in environments and applications with noise and emissions restrictions, such as noise sensitive, unsociable hours, populated areas



Get the complete solution

- Complete portfolio of charging solutions
- Equipped with CCS2 connector
- Power Unit
- Volvo support and guidance

A full working day

- With a typical stop-start working pattern, the EC230 Electric can operate for up to full a full eight-hour workday, depending on application and work intensity
- Featuring industry-leading battery technology, the EC230 Electric can be recharged in as little as 100 minutes.

Ready to Run

- Whatever the weather, ensure your machine is prepared for immediate operation in all climates with the Ready to Run option
- The system automatically pre-heats or cools the batteries and cab to an optimal operating temperature of around +25°C (+77°F), waking up the machine up to one hour before scheduled operation
- When plugged in during overnight charging the Ready to Run option utilizes the charging gun as the primary power source to wake the machine, helping to maintain battery power
- Ready to Run helps to ensure maximum uptime and maintain battery energy for reliable, uninterrupted performance
- Available as a software update on already shipped machines

Counterweight LED Bar

- The LED light bar integrated within the counterweight provides a clear and intuitive visual indicator of machine status and safety items
- An animated light sequences provide visual status updates of a host of machine functions including wake-up, operation and shutdown, as well as a visual display of battery status during charging
- The LED bar also helps to enhancing jobsite awareness and safety by integrating with the People and Obstacle Detection system, providing a visual and audible warning when people are detected which intensifies as they get closer

A range of charging solutions

- Choose from a range of charging solutions according to your operational requirements
- The EC230 Electric is delivered with a 22 kW onboard charger and cable, enabling battery charging via a CEE socket, with a charging time of 15.3 hours using 400 V/32 A (three-phase)
- For faster charging, a 150 kW DC fast charger with CCS2 interface charges from empty to full in approximately 80–90 minutes using 750 V/200 A
- 250 kW DC fast charging in 1.8hrs
- A 40 kW portable charger (66 A, 600 V DC) provides a full charge in 5–6 hours using 600 V/66 A.



Serviceability

- Lower your maintenance costs and give uptime a boost
- Maintenance-free electric motor
- Less engine-related components.



Volvo EC230 Electric in detail

Battery

Battery Type	Lithium-ion (NCA)	
Battery Voltage	V	650
Battery capacity (full package)	kWh	450
	Ah	689
Indicative runtime (depending on application)	h	7-8
DC charging capacity	kW	up to 250
Charging protocol	CCS1	
Operating ambient temperature	-25 to 47°C (-13 to 117°F)	

Electrical Motor

Motor type	PMSM (Permanent Magnet Synchronous Motor)	
Motor power (peak)	kW (hp)	160 (215)
Motor power (continuous)	kW (hp)	110 (148)

Electrical System

Well protected high-capacity electrical system. 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	V	24
Batteries	V	2 x 12
Battery capacity	Ah	40

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. drawbar pull	kN (lbf)	178 (40,016)
Max. travel speed (low)	km/h (mph)	3.4 (2.1)
Max. travel speed (high)	km/h (mph)	5.6 (3.5)
Gradeability	°	35

Swing System

The swing system uses an axial piston motors, driving a planetary gearbox for maximum torque. An automatic holding brake and antirebound valve are standard.

Max. slew speed	rpm	11.5
Max. slew torque	kN/m (ft lbf)	83.3 (61,430)

Service Refill

Hydraulic system, total	lit (gal.)	240 (63)
Hydraulic tank	lit (gal.)	120 (32)
Electric Motor Coolant	lit (gal.)	2.3 (0.61)
Engine coolant	lit (gal.)	42 (11)
Slew reduction unit	lit (gal.)	4 (1.1)
Travel reduction unit	lit (gal.)	2 x 3.5 (2 x 1)

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.

Sound Level

Sound level in cab according to ISO 6396		
LpA	dB	68
External sound level according to ISO 6395, EU Noise Directive (2000/14/EC)		
LWA	dB	96



Undercarriage

The undercarriage has a robust X-shaped frame. Greased and sealed track chains are standard.			
Track shoe			2 x 49
Link pitch	mm (in)		190 (7.5)
Shoe width	mm (in)		600 (24)
Shoe width, triple grouser	mm (in)	500 / 600 / 700 / 800 / 900 (20 / 24 / 28 / 32 / 36)	
Shoe width, triple grouser (HD)	mm (in)		600 (24)
Shoe width, double grouser	mm (in)		700 (28)
Bottom rollers			2 x 8
Top rollers			2 x 2

Hydraulic System

The new electro-hydraulic system and new MCV (main control valve) use intelligent technology to control on-demand flow for high productivity and high-digging capacity.

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.

Auto warm up: Hydraulic oil temperature can be set below the threshold that has been set.

Creep mode: Lower travel speed (10%~50% of 1st full speed) can be set by creep switch on.

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

Main pump: 2 x Variable displacement axial piston pumps

Maximum flow	l/min (gal/min)	2 x 208 (2 x 55)
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Pilot pump: Gear pump

Maximum flow	l/min (gal/min)	1 x 16 (1 x 4)
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Max. pressure

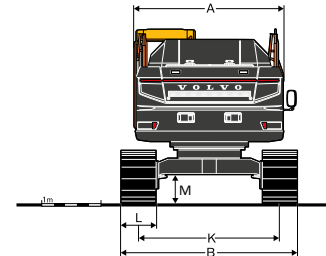
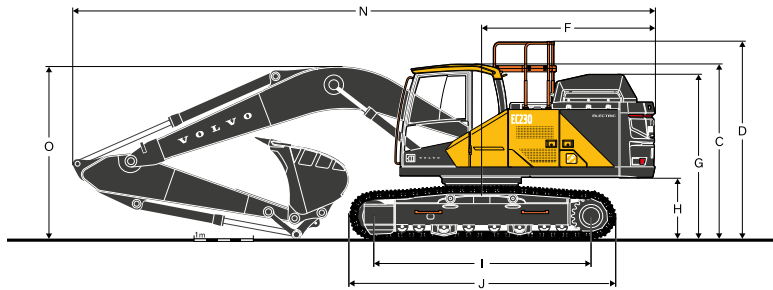
Implement	MPa (psi)	34.3 / 36.3 (4,975 / 5,265)
Travel circuit	MPa (psi)	34.3 (4,975)
Slew circuit	MPa (psi)	29.5 (4,279)
Pilot circuit	MPa (psi)	3.9 (570)

Hydraulic Cylinders

Boom		2
Bore x Stroke	ø x mm (ø x in)	125 x 1,235 (4.9 x 48.6)
2 piece boom		1
Bore x Stroke	ø x mm (ø x in)	160 x 1,070 (6.3 x 42.1)
Arm		1
Bore x Stroke	ø x mm (ø x in)	135 x 1,540 (5.3 x 60.6)
Bucket		1
Bore x Stroke	ø x mm (ø x in)	120 x 1,065 (4.7 x 41.9)
Bucket for LR boom		1
Bore x Stroke	ø x mm (ø x in)	100 x 865 (3.9 x 34.1)



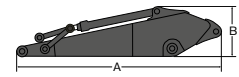
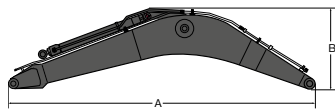
Specifications



DIMENSIONS

Boom	Unit		EC230 Electric L							
	m (ft in)		5.7 (18'8") / 5.57 (18'3")							
Arm	m	ft in	2.0	6'7"	2.5	8'2"	2.9	9'6"	3.5	11'6"
A. Overall width of upper structure	mm	ft in	2,500	8'2"	2,500	8'2"	2,500	8'2"	2,500	8'2"
B. Overall width	mm	ft in	2,990	9'10"	2,990	9'10"	2,990	9'10"	2,990	9'10"
C. Overall height of cab	mm	ft in	2,950	9'8"	2,950	9'8"	2,950	9'8"	2,950	9'8"
D. Overall height of handrail	mm	ft in	2,945	9'8"	2,945	9'8"	2,945	9'8"	2,945	9'8"
E. Overall height of guardrail	mm	ft in	3,320	10'11"	3,320	10'11"	3,320	10'11"	3,320	10'11"
F. Tail swing radius	mm	ft in	2,910	9'7"	2,910	9'7"	2,910	9'7"	2,910	9'7"
G. Overall height of engine hood	mm	ft in	2,785	9'2"	2,785	9'2"	2,785	9'2"	2,785	9'2"
H. Counterweight clearance *	mm	ft in	1,005	3'4"	1,005	3'4"	1,005	3'4"	1,005	3'4"
I. Tumbler length	mm	ft in	3,660	12'0"	3,660	12'0"	3,660	12'0"	3,660	12'0"
J. Track length	mm	ft in	4,460	14'8"	4,460	14'8"	4,460	14'8"	4,460	14'8"
K. Track gauge	mm	ft in	2,390	7'10"	2,390	7'10"	2,390	7'10"	2,390	7'10"
L. Shoe width	mm	ft in	600	2'0"	600	2'0"	600	2'0"	600	2'0"
M. Min. ground clearance *	mm	ft in	455	1'6"	455	1'6"	455	1'6"	455	1'6"
N. Overall length	mm	ft in	9,860 / 9,720	32'4" / 31'11"	9,805 / 9,670	32'2" / 31'9"	9,745 / 9,635	32'0" / 31'7"	9,780 / 9,620	32'1" / 31'7"
O. Overall height of boom	mm	ft in	3,155 / 3,065	10'4" / 10'1"	3,175 / 3,050	10'5" / 10'0"	3,035 / 2,955	9'11" / 9'8"	3,170 / 3,285	10'5" / 10'9"

* Without shoe grouser



DIMENSIONS

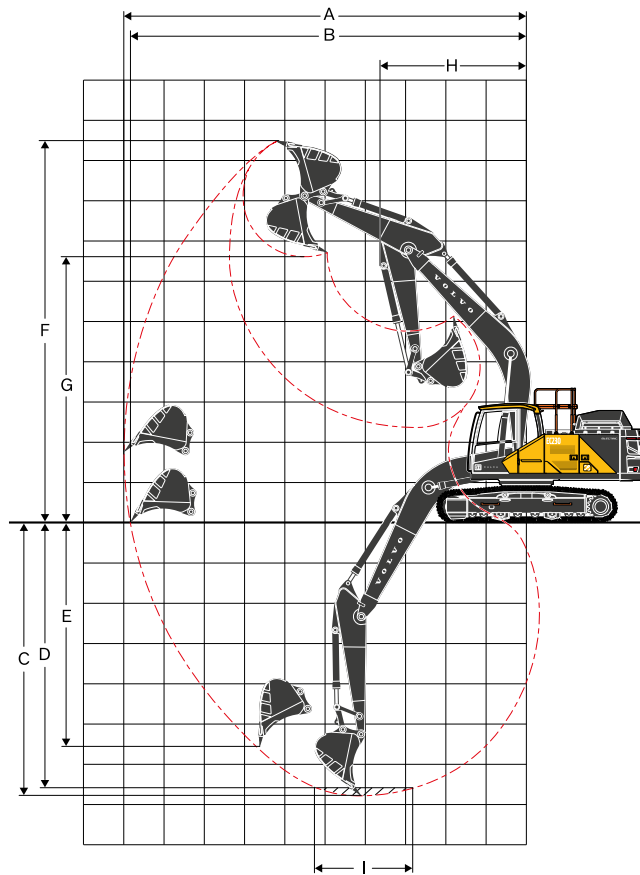
Description	Unit		Boom			
	m (ft in)		5.7 (18'8") 5.57 (18'3") 2-piece			
A. Length	mm	ft in	5,915	19'5"	5,785	19'0"
B. Height	mm	ft in	1,600	5'3"	1,420	4'8"
Width	mm	ft in	670	2'2"	670	2'2"
Weight	kg	lb	2,010	4,430	2,640	5,820

* Includes cylinder, piping and pin, excludes boom cyl. Pin

DIMENSIONS

Description	Unit		Arm							
	m (ft in)		2.0 (6'7") 2.5 (8'2") 2.9 (9'6") 3.5 (11'6")							
A. Length	mm	ft in	3,070	10'1"	3,530	11'7"	3,895	12'9"	4,540	14'11"
B. Height	mm	ft in	980	3'3"	865	2'10"	865	2'10"	865	2'10"
Width	mm	ft in	440	1'5"	440	1'5"	440	1'5"	440	1'5"
Weight	kg	lb	1,080	2,380	1,135	2,500	1,140	2,510	1,165	2,570

* Includes cylinder, linkage and pin



WORKING RANGES WITH DIRECT FIT BUCKET

Description	Unit		EC230 Electric L								
Boom	m (ft in)		5.7 (18'8")								
Arm	m	ft in	2.0	6'7"	2.5	8'2"	2.9	9'6"	3.5	11'6"	
A. Max. digging reach	mm	ft in	9,145	30'0"	9,605	31'6"	9,995	32'10"	10,450	34'3"	
B. Max. digging reach on ground	mm	ft in	8,975	29'5"	9,445	31'0"	9,835	32'3"	10,305	33'10"	
C. Max. digging depth	mm	ft in	5,925	19'5"	6,425	21'1"	6,825	22'5"	7,425	24'4"	
D. Max.digging depth (I=2.44 m / 8'0" level)	mm	ft in	5,670	18'7"	6,205	20'4"	6,635	21'9"	7,235	23'9"	
E. Max. vertical wall digging depth	mm	ft in	4,315	14'2"	5,070	16'8"	5,535	18'2"	5,885	19'4"	
F. Max. cutting height	mm	ft in	8,925	29'3"	9,205	30'2"	9,445	31'0"	9,450	31'0"	
G. Max. dumping height	mm	ft in	6,090	20'0"	6,330	20'9"	6,555	21'6"	6,600	21'8"	
H. Min. front swing radius	mm	ft in	3,660	12'0"	3,670	12'0"	3,645	12'0"	3,630	11'11"	

DIGGING FORCES WITH DIRECT FIT BUCKET

Bucket radius			mm	ft in	1,528	5'0"	1,528	5'0"	1,528	5'0"	1,528	5'0"
Breakout force (bucket)	Normal	SAE J1179	kN	lb	146	32,820	125	28,100	125	28,100	125	28,100
	Power boost	SAE J1179	kN	lb	154	34,620	132	29,670	132	29,670	132	29,670
	Normal	ISO 6015	kN	lb	165	37,090	141	31,700	141	31,700	141	31,700
	Power boost	ISO 6015	kN	lb	174	39,120	149	33,500	149	33,500	149	33,500
Tearout force (arm)	Normal	SAE J1179	kN	lb	144	32,370	117	26,300	101	22,710	92	20,680
	Power boost	SAE J1179	kN	lb	153	34,400	124	27,880	107	24,050	97	21,810
	Normal	ISO 6015	kN	lb	149	33,500	121	27,200	104	23,380	94	21,130
	Power boost	ISO 6015	kN	lb	158	35,520	128	28,780	110	24,730	99	22,260

Rotation angle, bucket

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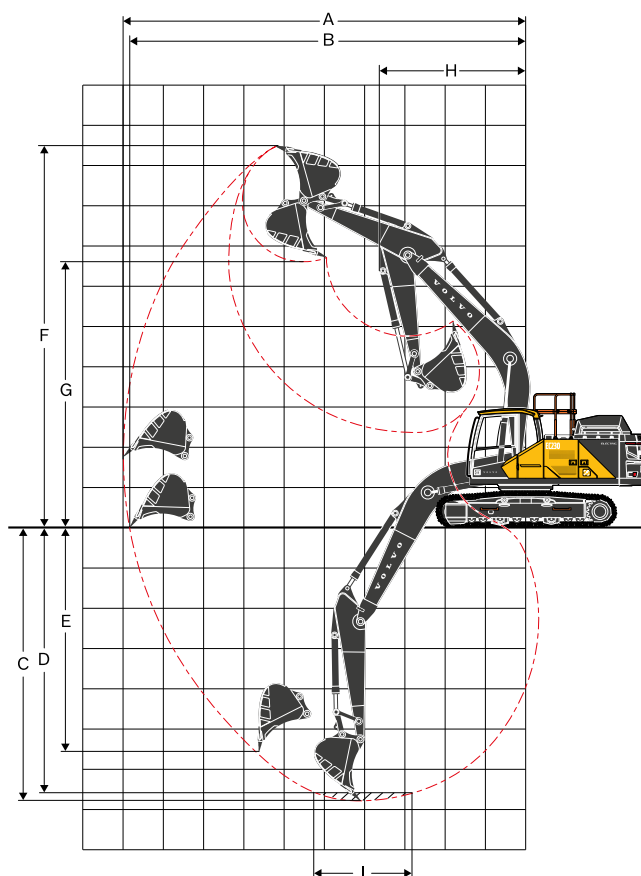
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Specifications



WORKING RANGES WITH DIRECT FIT BUCKET

Description	Unit		EC230 Electric L							
Boom	m (ft in)		5.57 (18'3")							
Arm	m	ft in	2.0	6'7"	2.5	8'2"	2.9	9'6"	3.5	11'6"
A. Max. digging reach	mm	ft in	9,040	29'8"	9,505	31'2"	9,900	32'6"	10,365	34'0"
B. Max. digging reach on ground	mm	ft in	8,870	29'1"	9,345	30'8"	9,740	31'11"	10,215	33'6"
C. Max. digging depth	mm	ft in	5,505	18'1"	5,995	19'8"	6,400	21'0"	6,945	22'9"
D. Max. digging depth (I=2.44 m / 8'0" level)	mm	ft in	5,385	17'8"	5,885	19'4"	6,295	20'8"	6,845	22'5"
E. Max. vertical wall digging depth	mm	ft in	4,125	13'6"	4,735	15'6"	5,150	16'11"	5,645	18'6"
F. Max. cutting height	mm	ft in	10,015	32'10"	10,395	34'1"	10,715	35'2"	10,930	35'10"
G. Max. dumping height	mm	ft in	7,005	23'0"	7,365	24'2"	7,680	25'2"	7,910	25'11"
H. Min. front swing radius	mm	ft in	2,895	9'6"	2,735	8'12"	2,465	8'1"	2,740	8'12"

DIGGING FORCES WITH DIRECT FIT BUCKET

Bucket radius			mm	ft in	1,528	5'0"	1,528	5'0"	1,528	5'0"	1,528	5'0"
Breakout force (bucket)	Normal	SAE J1179	kN	lb	146	32,820	125	28,100	125	28,100	125	28,100
	Power boost	SAE J1179	kN	lb	154	34,620	132	29,670	132	29,670	132	29,670
	Normal	ISO 6015	kN	lb	165	37,090	141	31,700	141	31,700	141	31,700
	Power boost	ISO 6015	kN	lb	174	39,120	149	33,500	149	33,500	149	33,500
Tearout force (arm)	Normal	SAE J1179	kN	lb	144	32,370	117	26,300	101	22,710	92	20,680
	Power boost	SAE J1179	kN	lb	153	34,400	124	27,880	107	24,050	97	21,810
	Normal	ISO 6015	kN	lb	149	33,500	121	27,200	104	23,380	94	21,130
	Power boost	ISO 6015	kN	lb	158	35,520	128	28,780	110	24,730	99	22,260
Rotation angle, bucket			°		166		175		175		175	

GROUND PRESSURE														
Description	Shoe width		Operating weight		Ground pressure		Overall width		Operating weight		Ground pressure		Overall width	
	mm	in	kg	lb	kPa	psi	mm	ft in	kg	lb	kPa	psi	mm	ft in
Triple grouser	500	20	22,690	50,030	56.9	8.2	2,890	9'6"	23,110	50,960	57.9	8.4	2,890	9'6"
	600	24	22,950	50,600	48.0	7.0	2,990	9'10"	23,370	51,530	48.0	7.0	2,990	9'10"
	600 (HD)	24 (HD)	23,120	50,980	48.0	7.0	2,990	9'10"	23,530	51,880	49.0	7.1	2,990	9'10"
	700	28	23,410	51,620	41.2	6.0	3,090	10'2"	23,820	52,520	42.2	6.1	3,090	10'2"
	800	32	23,690	52,240	37.3	5.4	3,190	10'6"	24,110	53,160	37.3	5.4	3,190	10'6"
	900	36	23,980	52,880	33.3	4.8	3,290	10'10"	24,390	53,780	33.3	4.8	3,290	10'10"
Single grouser	600	24	23,090	50,910	48.0	7.0	2,990	9'10"	23,500	51,820	49.0	7.1	2,990	9'10"
Double grouser	700	28	23,670	52,190	42.2	6.1	3,090	10'2"	24,080	53,100	43.1	6.3	3,090	10'2"
			EC230 Electric L, 5.7 m / 18'8" GP boom, 2.9 m / 9'6" GP arm, 909 kg / 2,000 lb bucket, 2,600 kg / 5,730 lb counterweight						EC230 Electric L, 5.57 m / 18'3" 2-pieces boom, 2.9 m / 9'6" GP arm, 909 kg / 2,000 lb bucket, 2,600 kg / 5,730 lb counterweight					
Description	Shoe width		Operating weight		Ground pressure		Overall width		Operating weight		Ground pressure		Overall width	
	mm	in	kg	lb	kPa	psi	mm	ft in	kg	lb	kPa	psi	mm	ft in
Triple grouser	500	20	22,810	50,300	56.9	8.2	2,890	9'6"	23,220	51,200	57.9	8.4	2,890	9'6"
	600	24	23,060	50,850	48.0	7.0	2,990	9'10"	23,480	51,770	49.0	7.1	2,990	9'10"
	600 (HD)	24 (HD)	23,230	51,220	48.0	7.0	2,990	9'10"	23,650	52,150	49.0	7.1	2,990	9'10"
	700	28	23,520	51,860	42.2	6.1	3,090	10'2"	23,930	52,770	42.2	6.1	3,090	10'2"
	800	32	23,810	52,500	37.3	5.4	3,190	10'6"	24,220	53,410	37.3	5.4	3,190	10'6"
	900	36	24,090	53,120	33.3	4.8	3,290	10'10"	24,510	54,040	34.3	5.0	3,290	10'10"
Single grouser	600	24	23,200	51,160	48.0	7.0	2,990	9'10"	23,610	52,060	49.0	7.1	2,990	9'10"
Double grouser	700	28	23,780	52,430	42.2	6.1	3,090	10'2"	24,200	53,360	43.1	6.3	3,090	10'2"
			EC230 Electric L, 5.7 m / 18'8" GP boom, 3.5 m / 11'6" GP arm, 909 kg / 2,000 lb bucket, 2,600 kg / 5,730 lb counterweight						EC230 Electric L, 5.57 m / 18'3" 2-pieces boom, 3.5 m / 11'6" GP arm, 909 kg / 2,000 lb bucket, 2,600 kg / 5,730 lb counterweight					

Specifications

BUCKET SELECTION GUIDE

EC230 Electric L with 600 mm (24") shoe, 4,600 kg (10,140 lb) counterweight

Bucket Type		Capacity		Cutting width		Weight		Teeth	Recommended maximum material density (kg/m³ / lb/yd³)											
									5.7 m (18'8") GP Boom											
		L	yd³	mm	ft in	kg	lb		EA	2.0 m (6'7") Arm		2.5 m (8'2") Arm		2.9 m (9'6") Arm		2.9 m (9'6") Arm		3.5 m (11'6") Arm		
V4	GP	480	0.63	600	23.6	666	1,468	3	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100
		590	0.77	750	29.5	711	1,568	3	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100
		630	0.82	800	31.5	703	1,550	4	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100
		750	0.98	900	35.4	749	1,652	4	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100
		920	1.2	1,050	41.3	862	1,900	4	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100
		920	1.2	1,050	41.3	819	1,806	4	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100
		1,090	1.43	1,200	47.2	908	2,002	5	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100
		1,090	1.43	1,200	47.2	951	2,096	5	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100
		1,270	1.66	1,350	53.1	1,038	2,289	5	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,700	2,865
		1,270	1.66	1,350	53.1	995	2,195	5	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100
		1,440	1.88	1,500	59.1	1,085	2,392	6	1,800	3,100	1,800	3,100	1,700	2,865	1,700	2,865	1,500	2,500		
		1,320	1.73	1,420	55.9	999	2,202	5	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,700	2,865
		1,320	1.73	1,420	55.9	1,041	2,296	5	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,600	2,700
	HD	480	0.63	600	23.6	738	1,628	3	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500
		480	0.63	600	23.6	675	1,488	3	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500
		750	0.98	900	35.4	872	1,922	4	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500
		750	0.98	900	35.4	808	1,783	4	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500
		920	1.2	1,050	41.3	951	2,098	4	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500
		920	1.2	1,050	41.3	888	1,959	4	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500
		1,090	1.43	1,200	47.2	1,046	2,307	5	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,000	3,370
		1,090	1.43	1,200	47.2	983	2,168	5	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500
		1,270	1.66	1,380	54.3	1,045	2,305	5	2,100	3,500	2,100	3,500	2,000	3,370	1,900	3,200	1,700	2,865		
		1,270	1.66	1,380	54.3	1,108	2,443	5	2,100	3,500	2,100	3,500	1,900	3,200	1,900	3,200	1,700	2,865		
Bucket Type		Capacity		Cutting width		Weight		Teeth	Recommended maximum material density (kg/m³ / lb/yd³)											
									5.57 m (18'3") VA Boom											
		L	yd³	mm	ft in	kg	lb		EA	2.0 m (6'7") Arm		2.5 m (8'2") Arm		2.9 m (9'6") Arm		2.9 m (9'6") Arm		3.5 m (11'6") Arm		
V4	GP	480	0.63	600	23.6	666	1,468	3	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100
		590	0.77	750	29.5	711	1,568	3	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100
		630	0.82	800	31.5	703	1,550	4	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100
		750	0.98	900	35.4	749	1,652	4	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100
		920	1.2	1,050	41.3	862	1,900	4	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100
		920	1.2	1,050	41.3	819	1,806	4	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100
		1,090	1.43	1,200	47.2	908	2,002	5	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100
		1,090	1.43	1,200	47.2	951	2,096	5	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100
		1,270	1.66	1,350	53.1	1,038	2,289	5	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,700	2,865
		1,270	1.66	1,350	53.1	995	2,195	5	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100
		1,440	1.88	1,500	59.1	1,085	2,392	6	1,800	3,100	1,800	3,100	1,700	2,865	1,700	2,865	1,500	2,530		
		1,320	1.73	1,420	55.9	999	2,202	5	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,700	2,865
		1,320	1.73	1,420	55.9	1,041	2,296	5	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,800	3,100	1,700	2,865
	HD	480	0.63	600	23.6	738	1,628	3	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500
		480	0.63	600	23.6	675	1,488	3	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500
		750	0.98	900	35.4	872	1,922	4	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500
		750	0.98	900	35.4	808	1,783	4	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500
		920	1.2	1,050	41.3	951	2,098	4	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500
		920	1.2	1,050	41.3	888	1,959	4	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500
		1,090	1.43	1,200	47.2	1,046	2,307	5	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,000	3,370
		1,090	1.43	1,200	47.2	983	2,168	5	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500	2,100	3,500
		1,270	1.66	1,380	54.3	1,045	2,305	5	2,100	3,500	2,100	3,500	2,000	3,370	2,000	3,370	1,700	2,865		
		1,270	1.66	1,380	54.3	1,108	2,443	5	2,100	3,500	2,100	3,500	1,900	3,200	1,900	3,200	1,700	2,865		

Please consult with your Volvo dealer for the proper match of buckets and attachments to suit the application.
The recommendations are given as a guide only, based on typical operation conditions.
Bucket capacity based on ISO 7451, heaped material with a 1:1 angle of repose.

Maximum material density
A: 1,200 kg/m³ (2,000 lb/yd³)
B: 1,500 kg/m³ (2,500 lb/yd³)
C: 1,800 kg/m³ (3,100 lb/yd³)
D: 2,100 kg/m³ (3,500 lb/yd³)
X: Not recommended

LIFTING CAPACITY EC230 Electric L

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		1.5 m / 5 ft		3.0 m / 10 ft		4.5 m / 15 ft		6.0 m / 20 ft		7.5 m / 25 ft		Max. reach		Max.
			Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	
Boom : 5.7 m GP 18'8" GP Arm : 2.0 m ME 6'7" ME Shoe : 600 mm 24" CWT : 2,600 kg 5,730 lb	7.5 m	kg											*6,210	*6,210	4.92 m
	25 ft	lb											*13,800	*13,800	15.6 ft
	6 m	kg							*5,950	5,500			*5,990	5,070	6.29 m
	20 ft	lb							*13,150	11,810			*13,220	11,390	20.4 ft
	4.5 m	kg					*7,550	*7,550	*6,330	5,350			*6,030	4,110	7.1 m
	15 ft	lb					*16,270	*16,270	*13,790	11,530			*13,280	9,130	23.2 ft
	3 m	kg					*9,500	7,620	*7,120	5,100	6,120	3,680	6,100	3,670	7.51 m
	10 ft	lb					*20,410	16,470	*15,440	11,010			13,480	8,110	24.6 ft
	1.5 m	kg							*7,890	4,870	6,020	3,590	5,890	3,510	7.61 m
	5 ft	lb							*17,100	10,530			12,990	7,750	25.0 ft
	0 m	kg					*11,400	7,040	8,230	4,750			6,070	3,600	7.4 m
	0 ft	lb					*24,710	15,180	17,720	10,250			13,400	7,940	24.3 ft
	-1.5 m	kg					*11,020	7,070	*8,200	4,740			6,790	4,000	6.86 m
	-5 ft	lb					*23,920	15,230	17,700	10,230			15,010	8,830	22.5 ft
Boom : 5.7 m GP 18'8" GP Arm : 2.5 m HD 8'2" HD Shoe : 600 mm 24" CWT : 2,600 kg 5,730 lb	-3 m	kg			*13,170	*13,170	*9,790	7,230					*7,230	5,010	5.89 m
	-10 ft	lb			*28,600	*28,600	*21,140	15,590					*15,960	11,170	19.2 ft
	7.5 m	kg											*5,560	*5,560	5.61 m
	25 ft	lb											*12,310	*12,310	18.0 ft
	6 m	kg							*5,380	*5,380			*5,480	4,490	6.85 m
	20 ft	lb							*11,840	*11,840			*12,080	10,050	22.3 ft
	4.5 m	kg					*6,830	*6,830	*5,880	5,430	*5,550	3,810	*5,550	3,730	7.59 m
	15 ft	lb					*14,750	*14,750	*12,800	11,700			*12,230	8,290	24.8 ft
	3 m	kg					*8,800	7,790	*6,740	5,160	*5,840	3,710	5,580	3,360	7.98 m
	10 ft	lb					*18,930	16,840	*14,610	11,140	*12,770	7,990	12,340	7,440	26.2 ft
	1.5 m	kg					*10,530	7,280	*7,610	4,910	6,030	3,590	5,400	3,230	8.07 m
	5 ft	lb					*22,720	15,720	*16,500	10,600	12,990	7,750	11,920	7,130	26.5 ft
	0 m	kg					*11,310	7,050	*8,190	4,750	5,940	3,510	5,540	3,290	7.88 m
	0 ft	lb					*24,500	15,200	17,730	10,250	12,800	7,590	12,220	7,260	25.8 ft
CWT : 2,600 kg 5,730 lb	-1.5 m	kg			*10,740	*10,740	*11,240	7,020	8,170	4,700			6,080	3,590	7.37 m
	-5 ft	lb			*24,540	*24,540	*24,360	15,130	17,600	10,140			13,450	7,940	24.1 ft
	-3 m	kg			*14,460	13,670	*10,330	7,130	*7,610	4,780			*6,830	4,340	6.48 m
	-10 ft	lb			*31,360	29,330	*22,350	15,370	*16,350	10,330			*15,080	9,650	21.1 ft
	-4.5 m	kg			*11,160	*11,160	*7,960	7,430					*6,960	6,460	4.98 m
	-15 ft	lb			*23,840	*23,840	*16,810	16,080					*15,320	14,680	16.0 ft

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.

Specifications

LIFTING CAPACITY EC230 Electric L

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		1.5 m / 5 ft		3.0 m / 10 ft		4.5 m / 15 ft		6.0 m / 20 ft		7.5 m / 25 ft		Max. reach		Max.
			Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	
Boom : 5.7 m GP 18'8" GP Arm : 2.9 m HD 9'6" HD Shoe : 600 mm 24" CWT : 2,600 kg 5,730 lb	7.5 m	kg							*5,070	*5,070			*4,900	*4,900	6.16 m
	25 ft	lb											*10,900	*10,900	19.8 ft
	6 m	kg							*4,960	*4,960			*4,560	4,080	7.3 m
	20 ft	lb							*10,900	*10,900			*10,080	9,130	23.8 ft
	4.5 m	kg							*5,510	5,510	*5,200	3,860	*4,500	3,450	8.0 m
	15 ft	lb							*12,010	11,880	*11,440	8,300	*9,920	7,670	26.2 ft
	3 m	kg					*8,220	7,950	*6,410	5,230	*5,590	3,740	*4,620	3,140	8.37 m
	10 ft	lb					*17,700	17,170	*13,910	11,280	*12,200	8,060	*10,170	6,940	27.4 ft
	1.5 m	kg					*10,090	7,360	*7,350	4,950	6,050	3,610	*4,940	3,020	8.46 m
	5 ft	lb					*21,770	15,900	*15,940	10,680	13,030	7,780	*10,860	6,660	27.8 ft
	0 m	kg			*5,360	*5,360	*11,130	7,050	*8,040	4,750	5,930	3,510	5,160	3,060	8.27 m
	0 ft	lb			*12,420	*12,420	*24,080	15,210	*17,440	10,260	12,790	7,570	11,370	6,760	27.1 ft
	-1.5 m	kg	*6,200	*6,200	*10,250	*10,250	*11,290	6,970	8,150	4,670	5,900	3,470	5,600	3,310	7.79 m
	-5 ft	lb	*13,910	*13,910	*23,320	*23,320	*24,470	15,020	17,550	10,080	12,730	7,510	12,380	7,320	25.5 ft
	-3 m	kg	*11,310	*11,310	*15,270	13,460	*10,650	7,040	*7,870	4,710			*6,470	3,900	6.95 m
	-10 ft	lb	*25,420	*25,420	*33,100	28,890	*23,040	15,190	*16,980	10,190			*14,280	8,680	22.7 ft
	-4.5 m	kg			*12,420	*12,420	*8,820	7,290					*6,710	5,420	5.59 m
	-15 ft	lb			*26,640	*26,640	*18,830	15,760					*14,820	12,220	18.1 ft
Boom : 5.7 m GP 18'8" GP Arm : 3.5 m GP 11'6" GP Shoe : 600 mm 24" CWT : 2,600 kg 5,730 lb	7.5 m	kg											*4,190	*4,190	6.78 m
	25 ft	lb											*9,300	*9,300	21.9 ft
	6 m	kg									*4,500	3,980	*3,970	3,680	7.83 m
	20 ft	lb									*9,830	8,540	*8,780	8,220	25.5 ft
	4.5 m	kg							*4,900	*4,900	*4,700	3,910	*3,960	3,160	8.49 m
	15 ft	lb							*10,690	*10,690	*10,330	8,410	*8,720	7,010	27.8 ft
	3 m	kg			*11,100	*11,100	*7,280	*7,280	*5,860	5,300	*5,170	3,770	*4,090	2,880	8.84 m
	10 ft	lb			*23,600	*23,600	*15,690	*15,690	*12,710	11,440	*11,290	8,120	*9,000	6,370	29.0 ft
	1.5 m	kg					*9,350	7,520	*6,900	5,000	*5,730	3,610	*4,380	2,770	8.92 m
	5 ft	lb					*20,180	16,230	*14,970	10,790	*12,470	7,790	*9,640	6,110	29.3 ft
	0 m	kg			*6,980	*6,980	*10,750	7,110	*7,750	4,760	5,920	3,480	4,730	2,800	8.74 m
	0 ft	lb			*16,000	*16,000	*23,260	15,330	*16,810	10,280	12,750	7,520	10,420	6,170	28.7 ft
	-1.5 m	kg	*6,140	*6,140	*10,240	*10,240	*11,270	6,940	8,120	4,640	5,840	3,420	5,070	2,980	8.29 m
	-5 ft	lb	*13,740	*13,740	*23,260	*23,260	*24,420	14,970	17,470	10,010	12,590	7,370	11,200	6,600	27.2 ft
	-3 m	kg	*10,060	*10,060	*15,150	13,290	*10,990	6,950	*8,080	4,630	5,870	3,440	5,860	3,440	7.51 m
	-10 ft	lb	*22,580	*22,580	*34,460	28,510	*23,790	14,990	17,460	9,990			13,000	7,630	24.5 ft
	-4.5 m	kg	*15,090	*15,090	*14,010	13,630	*9,720	7,120	*7,010	4,760			*6,550	4,490	6.27 m
	-15 ft	lb	*34,090	*34,090	*30,160	29,270	*20,890	15,360	*14,890	10,310			*14,490	10,090	20.3 ft
Boom : 5.7 m GP 18'8" GP Arm : 2.0 m ME 6'7" ME Shoe : 700 mm 28" CWT : 2,600 kg 5,730 lb	7.5 m	kg											*6,210	*6,210	4.92 m
	25 ft	lb											*13,800	*13,800	15.6 ft
	6 m	kg							*5,950	5,700			*5,990	5,260	6.29 m
	20 ft	lb							*13,150	12,240			*13,220	11,800	20.4 ft
	4.5 m	kg					*7,550	*7,550	*6,330	5,550			*6,030	4,260	7.1 m
	15 ft	lb					*16,270	*16,270	*13,790	11,960			*13,280	9,470	23.2 ft
	3 m	kg					*9,500	7,920	*7,120	5,290	*6,180	3,820	*6,170	3,810	7.51 m
	10 ft	lb					*20,410	17,130	*15,440	11,440			*13,600	8,430	24.6 ft
	1.5 m	kg							*7,890	5,070	6,120	3,730	5,990	3,650	7.61 m
	5 ft	lb							*17,100	10,950			13,210	8,060	25.0 ft
	0 m	kg					*11,400	7,340	*8,320	4,940			6,180	3,750	7.4 m
	0 ft	lb					*24,710	15,830	18,020	10,670			13,630	8,260	24.3 ft
	-1.5 m	kg					*11,020	7,370	*8,200	4,930			6,900	4,160	6.86 m
	-5 ft	lb					*23,920	15,880	*17,760	10,650			15,260	9,190	22.5 ft
	-3 m	kg			*13,170	*13,170	*9,790	7,530					*7,230	5,210	5.89 m
	-10 ft	lb			*28,600	*28,600	*21,140	16,240					*15,960	11,620	19.2 ft

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 EC230 Electric L

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		1.5 m / 5 ft		3.0 m / 10 ft		4.5 m / 15 ft		6.0 m / 20 ft		7.5 m / 25 ft		Max. reach		Max.
			Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	
Boom : 5.7 m GP 18'8" GP	7.5 m	kg											*5,560	*5,560	5.61 m
	25 ft	lb											*12,310	*12,310	18.0 ft
	6 m	kg							*5,380	*5,380			*5,480	4,650	6.85 m
	20 ft	lb							*11,840	*11,840			*12,080	10,420	22.3 ft
	4.5 m	kg					*6,830	*6,830	*5,880	5,620	*5,550	3,950	*5,550	3,870	7.59 m
	15 ft	lb					*14,750	*14,750	*12,800	12,130			*12,230	8,600	24.8 ft
	3 m	kg					*8,800	8,100	*6,740	5,360	*5,840	3,850	5,680	3,500	7.98 m
	10 ft	lb					*18,930	17,500	*14,610	11,570	*12,770	8,300	12,550	7,730	26.2 ft
	1.5 m	kg					*10,530	7,580	*7,610	5,110	6,130	3,740	5,500	3,360	8.07 m
	5 ft	lb					*22,720	16,370	*16,500	11,020	13,210	8,060	12,120	7,410	26.5 ft
	0 m	kg					*11,310	7,350	*8,190	4,940	6,040	3,660	5,640	3,420	7.88 m
	0 ft	lb					*24,500	15,850	*17,760	10,670	13,030	7,900	12,430	7,560	25.8 ft
	-1.5 m	kg			*10,740	*10,740	*11,240	7,320	*8,280	4,890			6,190	3,740	7.37 m
	-5 ft	lb			*24,540	*24,540	*24,360	15,770	17,910	10,560			13,680	8,270	24.1 ft
	-3 m	kg			*14,460	14,320	*10,330	7,430	*7,610	4,970			*6,830	4,520	6.48 m
Arm : 2.5 m HD 8'2" HD	-10 ft	lb			*31,360	30,710	*22,350	16,020	*16,350	10,750			*15,080	10,040	21.1 ft
	-4.5 m	kg			*11,160	*11,160	*7,960	7,740					*6,960	6,720	4.98 m
	-15 ft	lb			*23,840	*23,840	*16,810	16,730					*15,320	15,270	16.0 ft
	7.5 m	kg							*5,070	*5,070			*4,900	*4,900	6.16 m
	25 ft	lb											*10,900	*10,900	19.8 ft
	6 m	kg							*4,960	*4,960			*4,560	4,230	7.3 m
	20 ft	lb							*10,900	*10,900			*10,080	9,470	23.8 ft
	4.5 m	kg							*5,510	*5,510	*5,200	4,010	*4,500	3,590	8.0 m
	15 ft	lb							*12,010	*12,010	*11,440	8,610	*9,920	7,960	26.2 ft
	3 m	kg					*8,220	*8,220	*6,410	5,420	*5,590	3,890	*4,620	3,260	8.37 m
	10 ft	lb					*17,700	*17,700	*13,910	11,710	*12,200	8,370	*10,170	7,210	27.4 ft
	1.5 m	kg					*10,090	7,670	*7,350	5,140	*6,060	3,750	*4,940	3,140	8.46 m
	5 ft	lb					*21,770	16,550	*15,940	11,110	*13,190	8,090	*10,860	6,930	27.8 ft
	0 m	kg			*5,360	*5,360	*11,130	7,350	*8,040	4,950	6,040	3,650	5,250	3,190	8.27 m
	0 ft	lb			*12,420	*12,420	*24,080	15,850	*17,440	10,680	13,020	7,880	11,570	7,040	27.1 ft
CWT : 2,600 kg 5,730 lb	-1.5 m	kg	*6,200	*6,200	*10,250	*10,250	*11,290	7,270	*8,280	4,870	6,000	3,620	5,700	3,450	7.79 m
	-5 ft	lb	*13,910	*13,910	*23,320	*23,320	*24,470	15,670	17,860	10,500	12,960	7,820	12,590	7,620	25.5 ft
	-3 m	kg	*11,310	*11,310	*15,270	14,110	*10,650	7,350	*7,870	4,910			*6,470	4,060	6.95 m
	-10 ft	lb	*25,420	*25,420	*33,100	30,260	*23,040	15,840	*16,980	10,610			*14,280	9,030	22.7 ft
	-4.5 m	kg			*12,420	*12,420	*8,820	7,600					*6,710	5,630	5.59 m
	-15 ft	lb			*26,640	*26,640	*18,830	16,410					*14,820	12,710	18.1 ft
Boom : 5.7 m GP 18'8" GP	7.5 m	kg											*4,190	*4,190	6.78 m
	25 ft	lb											*9,300	*9,300	21.9 ft
	6 m	kg									*4,500	4,130	*3,970	3,820	7.83 m
	20 ft	lb									*9,830	8,850	*8,780	8,530	25.5 ft
	4.5 m	kg							*4,900	*4,900	*4,700	4,050	*3,960	3,280	8.49 m
	15 ft	lb							*10,690	*10,690	*10,330	8,720	*8,720	7,280	27.8 ft
	3 m	kg			*11,100	*11,100	*7,280	*7,280	*5,860	5,500	*5,170	3,910	*4,090	3,000	8.84 m
	10 ft	lb			*23,600	*23,600	*15,690	*15,690	*12,710	11,870	*11,290	8,430	*9,000	6,630	29.0 ft
	1.5 m	kg					*9,350	7,820	*6,900	5,190	*5,730	3,760	*4,380	2,880	8.92 m
	5 ft	lb					*20,180	16,890	*14,970	11,210	*12,470	8,100	*9,640	6,360	29.3 ft
	0 m	kg			*6,980	*6,980	*10,750	7,410	*7,750	4,960	6,020	3,630	4,810	2,910	8.74 m
	0 ft	lb			*16,000	*16,000	*23,260	15,980	*16,810	10,700	12,970	7,830	10,610	6,430	28.7 ft
	-1.5 m	kg	*6,140	*6,140	*10,240	*10,240	*11,270	7,250	*8,190	4,830	5,940	3,560	5,160	3,110	8.29 m
	-5 ft	lb	*13,740	*13,740	*23,260	*23,260	*24,420	15,610	*17,760	10,420	12,810	7,680	11,400	6,870	27.2 ft
	-3 m	kg	*10,060	*10,060	*15,150	13,930	*10,990	7,250	*8,080	4,820	5,970	3,580	5,960	3,580	7.51 m
Arm : 3.5 m GP 11'6" GP	-10 ft	lb	*22,580	*22,580	*34,460	29,880	*23,790	15,640	*17,470	10,410			13,230	7,940	24.5 ft
	-4.5 m	kg	*15,090	*15,090	*14,010	*14,010	*9,720	7,420	*7,010	4,950			*6,550	4,670	6.27 m
	-15 ft	lb	*34,090	*34,090	*30,160	*30,160	*20,890	16,010	*14,890	10,730			*14,490	10,500	20.3 ft
	7.5 m	kg													
	25 ft	lb													
	6 m	kg													
	20 ft	lb													
	4.5 m	kg													
	15 ft	lb													
	3 m	kg													
	10 ft	lb													
	1.5 m	kg													
	5 ft	lb													
	0 m	kg													
	0 ft	lb													
	-1.5 m	kg													
	-5 ft	lb													
	-3 m	kg													
	-10 ft	lb													
	-4.5 m	kg													
	-15 ft	lb													

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.

Specifications

LIFTING CAPACITY EC230 Electric L

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		1.5 m / 5 ft		3.0 m / 10 ft		4.5 m / 15 ft		6.0 m / 20 ft		7.5 m / 25 ft		Max. reach		Max.
			Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	
Boom : 5.7 m GP 18'8" GP Arm : 2.0 m ME 6'7" ME Shoe : 800 mm 32" CWT : 2,600 kg 5,730 lb	7.5 m	kg											*6,210	*6,210	4.92 m
	25 ft	lb											*13,800	*13,800	15.6 ft
	6 m	kg							*5,950	5,870			*5,990	5,420	6.29 m
	20 ft	lb							*13,150	12,620			*13,220	12,170	20.4 ft
	4.5 m	kg					*7,550	*7,550	*6,330	5,720			*6,030	4,400	7.1 m
	15 ft	lb					*16,270	*16,270	*13,790	12,340			*13,280	9,780	23.2 ft
	3 m	kg					*9,500	8,200	*7,120	5,470	*6,180	3,950	*6,170	3,940	7.51 m
	10 ft	lb					*20,410	17,720	*15,440	11,810			*13,600	8,710	24.6 ft
	1.5 m	kg							*7,890	5,240	6,190	3,860	6,060	3,780	7.61 m
	5 ft	lb							*17,100	11,320			13,360	8,340	25.0 ft
	0 m	kg					*11,400	7,610	*8,320	5,110			6,250	3,880	7.4 m
	0 ft	lb					*24,710	16,410	*18,040	11,040			13,790	8,550	24.3 ft
	-1.5 m	kg					*11,020	7,640	*8,200	5,100			*6,970	4,300	6.86 m
	-5 ft	lb					*23,920	16,460	*17,760	11,030			*15,390	9,510	22.5 ft
Boom : 5.7 m GP 18'8" GP Arm : 2.5 m HD 8'2" HD Shoe : 800 mm 32" CWT : 2,600 kg 5,730 lb	-3 m	kg			*13,170	*13,170	*9,790	7,800					*7,230	5,390	5.89 m
	-10 ft	lb			*28,600	*28,600	*21,140	16,830					*15,960	12,020	19.2 ft
	7.5 m	kg											*5,560	*5,560	5.61 m
	25 ft	lb											*12,310	*12,310	18.0 ft
	6 m	kg							*5,380	*5,380			*5,480	4,800	6.85 m
	20 ft	lb							*11,840	*11,840			*12,080	10,750	22.3 ft
	4.5 m	kg					*6,830	*6,830	*5,880	5,800	*5,550	4,080	*5,550	4,000	7.59 m
	15 ft	lb					*14,750	*14,750	*12,800	12,510			*12,230	8,880	24.8 ft
	3 m	kg					*8,800	8,380	*6,740	5,530	*5,840	3,980	*5,710	3,610	7.98 m
	10 ft	lb					*18,930	18,100	*14,610	11,950	*12,770	8,580	*12,580	7,990	26.2 ft
	1.5 m	kg					*10,530	7,860	*7,610	5,280	6,200	3,860	5,560	3,470	8.07 m
	5 ft	lb					*22,720	16,960	*16,500	11,400	13,360	8,340	12,260	7,670	26.5 ft
	0 m	kg					*11,310	7,620	*8,190	5,120	6,110	3,780	5,700	3,540	7.88 m
	0 ft	lb					*24,500	16,430	*17,760	11,040	13,180	8,170	12,580	7,820	25.8 ft
Boom : 5.7 m GP 18'8" GP Arm : 2.9 m HD 9'6" HD Shoe : 800 mm 32" CWT : 2,600 kg 5,730 lb	-1.5 m	kg			*10,740	*10,740	*11,240	7,590	*8,280	5,060			6,260	3,870	7.37 m
	-5 ft	lb			*24,540	*24,540	*24,360	16,360	*17,950	10,940			13,840	8,550	24.1 ft
	-3 m	kg			*14,460	*14,460	*10,330	7,700	*7,610	5,150			*6,830	4,670	6.48 m
	-10 ft	lb			*31,360	*31,360	*22,350	16,600	*16,350	11,130			*15,080	10,390	21.1 ft
	-4.5 m	kg			*11,160	*11,160	*7,960	*7,960					*6,960	6,950	4.98 m
	-15 ft	lb			*23,840	*23,840	*16,810	*16,810					*15,320	*15,320	16.0 ft
	7.5 m	kg							*5,070	*5,070			*4,900	*4,900	6.16 m
	25 ft	lb											*10,900	*10,900	19.8 ft
	6 m	kg							*4,960	*4,960			*4,560	4,370	7.3 m
	20 ft	lb							*10,900	*10,900			*10,080	9,760	23.8 ft
	4.5 m	kg							*5,510	*5,510	*5,200	4,130	*4,500	3,700	8.0 m
	15 ft	lb							*12,010	*12,010	*11,440	8,890	*9,920	8,220	26.2 ft
	3 m	kg					*8,220	*8,220	*6,410	5,600	*5,590	4,010	*4,620	3,370	8.37 m
	10 ft	lb					*17,700	*17,700	*13,910	12,090	*12,200	8,650	*10,170	7,460	27.4 ft
Shoe : 800 mm 32" CWT : 2,600 kg 5,730 lb	1.5 m	kg					*10,090	7,940	*7,350	5,320	*6,060	3,880	*4,940	3,250	8.46 m
	5 ft	lb					*21,770	17,140	*15,940	11,480	*13,190	8,370	*10,860	7,170	27.8 ft
	0 m	kg			*5,360	*5,360	*11,130	7,620	*8,040	5,120	6,110	3,780	5,310	3,300	8.27 m
	0 ft	lb			*12,420	*12,420	*24,080	16,440	*17,440	11,050	13,170	8,150	11,710	7,280	27.1 ft
	-1.5 m	kg	*6,200	*6,200	*10,250	*10,250	*11,290	7,540	*8,280	5,040	6,070	3,740	5,770	3,570	7.79 m
	-5 ft	lb	*13,910	*13,910	*23,320	*23,320	*24,470	16,250	*17,950	10,880	13,110	8,100	12,740	7,890	25.5 ft
	-3 m	kg	*11,310	*11,310	*15,270	14,710	*10,650	7,620	*7,870	5,080			*6,470	4,200	6.95 m
	-10 ft	lb	*25,420	*25,420	*33,100	31,540	*23,040	16,420	*16,980	10,980			*14,280	9,340	22.7 ft
	-4.5 m	kg			*12,420	*12,420	*8,820	7,870					*6,710	5,830	5.59 m
	-15 ft	lb			*26,640	*26,640	*18,830	17,000					*14,820	13,150	18.1 ft

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 EC230 Electric L

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		1.5 m / 5 ft		3.0 m / 10 ft		4.5 m / 15 ft		6.0 m / 20 ft		7.5 m / 25 ft		Max. reach		Max.
			Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	
Boom : 5.7 m GP 18'8" GP	7.5 m	kg											*4,190	*4,190	6.78 m
	25 ft	lb											*9,300	*9,300	21.9 ft
	6 m	kg									*4,500	4,260	*3,970	3,940	7.83 m
	20 ft	lb									*9,830	9,130	*8,780	*8,780	25.5 ft
	4.5 m	kg							*4,900	*4,900	*4,700	4,180	*3,960	3,390	8.49 m
	15 ft	lb							*10,690	*10,690	*10,330	9,000	*8,720	7,520	27.8 ft
	3 m	kg			*11,100	*11,100	*7,280	*7,280	*5,860	5,680	*5,170	4,040	*4,090	3,100	8.84 m
	10 ft	lb			*23,600	*23,600	*15,690	*15,690	*12,710	12,250	*11,290	8,710	*9,000	6,860	29.0 ft
	1.5 m	kg					*9,350	8,100	*6,900	5,370	*5,730	3,880	*4,380	2,980	8.92 m
	5 ft	lb					*20,180	17,480	*14,970	11,590	*12,470	8,380	*9,640	6,590	29.3 ft
	0 m	kg			*6,980	*6,980	*10,750	7,690	*7,750	5,130	6,090	3,760	4,870	3,020	8.74 m
	0 ft	lb			*16,000	*16,000	*23,260	16,570	*16,810	11,070	13,120	8,100	10,740	6,660	28.7 ft
	-1.5 m	kg	*6,140	*6,140	*10,240	*10,240	*11,270	7,520	*8,190	5,010	6,010	3,690	5,220	3,220	8.29 m
	-5 ft	lb	*13,740	*13,740	*23,260	*23,260	*24,420	16,200	*17,760	10,800	12,960	7,960	11,540	7,120	27.2 ft
Arm : 3.5 m GP 11'6" GP	-3 m	kg	*10,060	*10,060	*15,150	14,530	*10,990	7,530	*8,080	4,990	6,040	3,710	6,030	3,710	7.51 m
	-10 ft	lb	*22,580	*22,580	*34,460	31,150	*23,790	16,220	*17,470	10,780			13,390	8,230	24.5 ft
	-4.5 m	kg	*15,090	*15,090	*14,010	*14,010	*9,720	7,690	*7,010	5,130			*6,550	4,840	6.27 m
	-15 ft	lb	*34,090	*34,090	*30,160	*30,160	*20,890	16,600	*14,890	11,100			*14,490	10,870	20.3 ft
Shoe : 800 mm 32"	7.5 m	kg											*6,210	*6,210	4.92 m
	25 ft	lb											*13,800	*13,800	15.6 ft
	6 m	kg							*5,950	*5,950			*5,990	5,590	6.29 m
	20 ft	lb							*13,150	13,010			*13,220	12,550	20.4 ft
	4.5 m	kg					*7,550	*7,550	*6,330	5,900			*6,030	4,540	7.1 m
	15 ft	lb					*16,270	*16,270	*13,790	12,730			*13,280	10,090	23.2 ft
	3 m	kg					*9,500	8,480	*7,120	5,650	*6,180	4,080	*6,170	4,070	7.51 m
	10 ft	lb					*20,410	18,330	*15,440	12,200			*13,600	8,990	24.6 ft
	1.5 m	kg							*7,890	5,420	6,260	3,990	6,130	3,910	7.61 m
	5 ft	lb							*17,100	11,700			13,520	8,620	25.0 ft
	0 m	kg					*11,400	7,890	*8,320	5,290			6,320	4,010	7.4 m
	0 ft	lb					*24,710	17,000	*18,040	11,420			13,950	8,840	24.3 ft
	-1.5 m	kg					*11,020	7,920	*8,200	5,280			*6,970	4,450	6.86 m
	-5 ft	lb					*23,920	17,060	*17,760	11,410			*15,390	9,830	22.5 ft
	-3 m	kg			*13,170	*13,170	*9,790	8,080					*7,230	5,570	5.89 m
CWT : 2,600 kg 5,730 lb	-10 ft	lb			*28,600	*28,600	*21,140	17,430					*15,960	12,420	19.2 ft
Boom : 5.7 m GP 18'8" GP	7.5 m	kg											*5,560	*5,560	5.61 m
	25 ft	lb											*12,310	*12,310	18.0 ft
	6 m	kg							*5,380	*5,380			*5,480	4,950	6.85 m
	20 ft	lb							*11,840	*11,840			*12,080	11,080	22.3 ft
	4.5 m	kg					*6,830	*6,830	*5,880	*5,880	*5,550	4,210	*5,550	4,130	7.59 m
	15 ft	lb					*14,750	*14,750	*12,800	*12,800			*12,230	9,160	24.8 ft
	3 m	kg					*8,800	8,660	*6,740	5,710	*5,840	4,110	*5,710	3,730	7.98 m
	10 ft	lb					*18,930	18,710	*14,610	12,330	*12,770	8,860	*12,580	8,250	26.2 ft
	1.5 m	kg					*10,530	8,130	*7,610	5,460	*6,250	3,990	5,620	3,590	8.07 m
	5 ft	lb					*22,720	17,560	*16,500	11,780	13,510	8,610	12,410	7,920	26.5 ft
	0 m	kg					*11,310	7,900	*8,190	5,290	6,180	3,910	5,770	3,660	7.88 m
	0 ft	lb					*24,500	17,030	*17,760	11,420	13,330	8,450	12,730	8,080	25.8 ft
	-1.5 m	kg			*10,740	*10,740	*11,240	7,870	*8,280	5,240			6,330	4,000	7.37 m
	-5 ft	lb			*24,540	*24,540	*24,360	16,950	*17,950	11,310			14,000	8,850	24.1 ft
	-3 m	kg			*14,460	*14,460	*10,330	7,980	*7,610	5,320			*6,830	4,830	6.48 m
Arm : 2.5 m HD 8'2" HD	-10 ft	lb			*31,360	*31,360	*22,350	17,200	*16,350	11,510			*15,080	10,740	21.1 ft
	-4.5 m	kg			*11,160	*11,160	*7,960	*7,960					*6,960	*6,960	4.98 m
	-15 ft	lb			*23,840	*23,840	*16,810	*16,810					*15,320	*15,320	16.0 ft
Shoe : 900 mm 36"	7.5 m	kg													
	25 ft	lb													
	6 m	kg													
	20 ft	lb													
	4.5 m	kg													
	15 ft	lb													
	3 m	kg													
	10 ft	lb													
	1.5 m	kg													
	5 ft	lb													
	0 m	kg													
	0 ft	lb													
	-1.5 m	kg													
	-5 ft	lb													
	-3 m	kg													
	-10 ft	lb													
	-4.5 m	kg													
	-15 ft	lb													

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.

Specifications

LIFTING CAPACITY EC230 Electric L

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		1.5 m / 5 ft		3.0 m / 10 ft		4.5 m / 15 ft		6.0 m / 20 ft		7.5 m / 25 ft		Max. reach		Max.
			Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	
Boom : 5.7 m GP 18'8" GP Arm : 2.9 m HD 9'6" HD Shoe : 900 mm 36" CWT : 2,600 kg 5,730 lb	7.5 m	kg							*5,070	*5,070			*4,900	*4,900	6.16 m
	25 ft	lb											*10,900	*10,900	19.8 ft
	6 m	kg							*4,960	*4,960			*4,560	4,500	7.3 m
	20 ft	lb							*10,900	*10,900			*10,080	10,070	23.8 ft
	4.5 m	kg							*5,510	*5,510	*5,200	4,260	*4,500	3,820	8.0 m
	15 ft	lb							*12,010	*12,010	*11,440	9,170	*9,920	8,480	26.2 ft
	3 m	kg					*8,220	*8,220	*6,410	5,780	*5,590	4,140	*4,620	3,480	8.37 m
	10 ft	lb					*17,700	*17,700	*13,910	12,480	*12,200	8,930	*10,170	7,700	27.4 ft
	1.5 m	kg					*10,090	8,220	*7,350	5,500	*6,060	4,010	*4,940	3,360	8.46 m
	5 ft	lb					*21,770	17,740	*15,940	11,870	*13,190	8,640	*10,860	7,410	27.8 ft
	0 m	kg			*5,360	*5,360	*11,130	7,900	*8,040	5,300	6,180	3,900	5,370	3,410	8.27 m
	0 ft	lb			*12,420	*12,420	*24,080	17,030	*17,440	11,440	13,320	8,430	11,850	7,530	27.1 ft
	-1.5 m	kg	*6,200	*6,200	*10,250	*10,250	*11,290	7,820	*8,280	5,220	6,140	3,870	5,830	3,690	7.79 m
	-5 ft	lb	*13,910	*13,910	*23,320	*23,320	*24,470	16,840	*17,950	11,260	13,260	8,370	12,890	8,160	25.5 ft
	-3 m	kg	*11,310	*11,310	*15,270	*15,270	*10,650	7,900	*7,870	5,260			*6,470	4,350	6.95 m
	-10 ft	lb	*25,420	*25,420	*33,100	32,850	*23,040	17,020	*16,980	11,360			*14,280	9,660	22.7 ft
	-4.5 m	kg			*12,420	*12,420	*8,820	8,150					*6,710	6,020	5.59 m
	-15 ft	lb			*26,640	*26,640	*18,830	17,600					*14,820	13,600	18.1 ft
Boom : 5.7 m GP 18'8" GP Arm : 3.5 m GP 11'6" GP Shoe : 900 mm 36" CWT : 2,600 kg 5,730 lb	7.5 m	kg											*4,190	*4,190	6.78 m
	25 ft	lb											*9,300	*9,300	21.9 ft
	6 m	kg									*4,500	4,390	*3,970	*3,970	7.83 m
	20 ft	lb									*9,830	9,410	*8,780	*8,780	25.5 ft
	4.5 m	kg							*4,900	*4,900	*4,700	4,310	*3,960	3,500	8.49 m
	15 ft	lb							*10,690	*10,690	*10,330	9,280	*8,720	7,760	27.8 ft
	3 m	kg			*11,100	*11,100	*7,280	*7,280	*5,860	*5,860	*5,170	4,170	*4,090	3,210	8.84 m
	10 ft	lb			*23,600	*23,600	*15,690	*15,690	*12,710	12,640	*11,290	8,990	*9,000	7,090	29.0 ft
	1.5 m	kg					*9,350	8,380	*6,900	5,550	*5,730	4,010	*4,380	3,090	8.92 m
	5 ft	lb					*20,180	18,090	*14,970	11,970	*12,470	8,650	*9,640	6,810	29.3 ft
	0 m	kg			*6,980	*6,980	*10,750	7,960	*7,750	5,310	6,160	3,880	*4,890	3,120	8.74 m
	0 ft	lb			*16,000	*16,000	*23,260	17,170	*16,810	11,460	13,270	8,380	*10,780	6,890	28.7 ft
	-1.5 m	kg	*6,140	*6,140	*10,240	*10,240	*11,270	7,790	*8,190	5,180	6,080	3,810	5,280	3,330	8.29 m
	-5 ft	lb	*13,740	*13,740	*23,260	*23,260	*24,420	16,790	*17,760	11,180	13,120	8,230	11,670	7,370	27.2 ft
	-3 m	kg	*10,060	*10,060	*15,150	15,140	*10,990	7,800	*8,080	5,170	6,110	3,840	6,100	3,830	7.51 m
	-10 ft	lb	*22,580	*22,580	*34,460	32,460	*23,790	16,810	*17,470	11,160			*13,520	8,510	24.5 ft
	-4.5 m	kg	*15,090	*15,090	*14,010	*14,010	*9,720	7,970	*7,010	5,300			*6,550	5,000	6.27 m
	-15 ft	lb	*34,090	*34,090	*30,160	*30,160	*20,890	17,200	*14,890	11,480			*14,490	11,240	20.3 ft

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.

Equipment

STANDARD AND OPTIONAL EQUIPMENT

• = Standard / o = Optional

Electric / Electronic control system

Anti-theft with code lock system	•
Automatic idling system	•
Lock Out / Tag Out function on battery main switch:	•
Ready to run option	o
Counterweight LED bar	o
Standard light	o
Basic light package	o
Advanced light package	o
Deluxe light package	o
Arm light	o
LH light	o

Electric powertrain

Standard fan drive	•
Reversible fan drive	o
New work mode with 10 steps	•
Automatic machine shutdown	o

Undercarriage and structures

3-point side access	•
Openable 1 piece hood	•
Platform handrail fixed & Guardrail, foldable	•
SIPS (Side Impact Protection Steel)	o
HD S/door & hood, Demo	o
Lowr frame L, N, NL	o
Link 500/600/700/800/900 mm (20/24/28/32/36") triple grouser shoe	o
Link 600 mm (24") triple grouser shoe, HD	o
Link 600 mm (24") single grouser shoe	o
Link 600 mm (24") add rubber pad shoe	o
Link 700 mm (28") double grouser shoe	o
Full track guard	o
Counterweight 2,600 kg (5,730 lb)	•

Hydraulic System

EH-positive (Electro-Hydraulic) control system	•
Boom up & swing priority	•
Auto warm up	•
Auto power boost	•
One touch power boost	•
Priority Adjustment	•
Boom down speed control	•
Shock reduction function	•
Joystick, Semi-long / 4 switch / 4 switch & 1 proportional / Simple L8 / L8	o
Hydraulic oil mineral, 32 / 46 / 68	o
Longlife hyd oil mineral, 32 / 46 / 68	o
Hydraulic oil bio 46	o
Pattern change	•
Boom float function	•
Straight travel pedal	•
Comfort driving control	o
Creep mode	•
Variable X3 P-Q control	o
Hose rupture valve for boom	o
Hose rupture valve for arm	o

STANDARD AND OPTIONAL EQUIPMENT

• = Standard / o = Optional

Digging equipment

GP 5.7 m (18'8") boom	•
HD 5.7 m (18'8") boom/ VA 5.57 m (18'3") boom	o
GP 2.9 m (9'6") arm	•
HD 2.9 m (9'6") arm/ ME 2.0 m (6'7"), arm/ HD 2.5 m (8'2") arm/ GP 3.5 m (11'6") arm	o

Machine controls

Kinematic sensor package	•
Volvo Co-Pilot 2nd display, 12.8" touchable Full HD	•
Dig Assist, Start	•
Dig Assist, 2D	o
Dig Assist, In-Field Design	o
Dig Assist, Topcon 3D-MC	o
Dig Assist, Trimble Earthworks	o
Dig Assist, Infield-Design Advanced	o
Dig Assist, On-Board Weighing	o
Dig Assist, Laser Receiver	•
Volvo Active Control	o
Dig Assist, Boundary Limit	•

Safety

Travel alarm, white noise	•
Flashing beacon, LED	•
Green light beacon	o
Rear view camera	o
Side view camera	o
HD VSV (Volvo Smart View)	•
HD VSV with obstacle detection	o
Provision, HD VSV with obstacle detection	•

Cab, interior

Keyless machine start and stop	•
8" HD display	•
ROPS certified cab	•
Tilttable left console	•
Digital hour meter	•
Wireless mobile charger with Kinematic sensor package option	•
Various storage space with cool/heated	•
Cleaning air gun	o
1 piece wind shield cab	o
High visibility cab	o
Cabin large mirror	•
Cabin large mirror, Heated	o
Basic / Premium / Deluxe seat	o
Seat belt, 2 inch 2 point / 3 inch 2 point / 3 inch 3 point	o
Climate control-HEPA filter	o
Radio with MP3/USB/Bluetooth	o
Front rain shield	o
Sun screen	•
Lower wiper	o
Sun shield, roof hatch	o
Foot rest, High mount	•
FOG (Falling Object Guard)	o
FOPS (Falling Object Protection Structure)	o
Safety net	o

Service and Maintenance

Quick Hydraulic Oil Fill connection	•
Auto lubrication system	o
Tool kit	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.

V O L V O