

Volvo Crawler Excavator 12.8 t 107 hp

EC130

Volvo Construction Equipment

EC130

Looking for a fuel efficient, reliable, comfortable and productive machine ? Look no further than the Volvo EC130 Crawler Excavator.



Fuel efficient and powerful performance

Make every drop of fuel count thanks to the fuel efficient and hard-working Volvo EC130 Crawler Excavator. This 13-tonne class excavator combines outstanding fuel efficiency with high levels of power, performance and reliability. Featuring the most comfortable operator environment in its class, a key feature of the EC130 is the positive control hydraulics, which along with intelligent work modes and a host of fuel-saving technology, helps keep costs low and productivity high. Long service intervals and easy servicing keep machine availability to a maximum, while the machine versatility ensures fast cycle times and efficiency performance across a range of applications.



Outstanding fuel efficiency

- Positive control hydraulics
- 10 efficient work modes
- Engine pump optimization, engine speed as low as 2 200 rpm
- Larger pump compared to previous generation
- Automatic engine shutdown, auto idling
- Powerful and efficient Volvo engine



Maximum uptime

- Easy to service
- 500-hour engine oil/filter and fuel filter change intervals
- 1 000-hour swing gearbox oil and service filter hydraulic oil change intervals
- Hydraulic oil return filter replacing every 2 000 hours
- Durable components; robust hydraulic hoses, high efficiency air filter



Designed with safety in mind

- Bolted anti-slip plates
- Smartly positioned guarding and handrails
- 3-point right-hand side access to the superstructure
- Unrivalled visibility, boom accumulator and comprehensive lighting



Versatility

- Password-protected attachment management system, for up to 20 attachments
- Select one- or two-pump flow
- X1 constant flow, X1 constant flow pre-setting function



Superior operator environment

- Outstanding levels of cab comfort
- 8” integrated Volvo Co-Pilot
- Conveniently located in-cab storage
- Extensive safety features

Unrivalled cab comfort

- Renowned throughout the world as the most comfortable excavator cabs in the industry
- The EC130 continues to raise the bar for Volvo in-cab comfort
- Features including a choice of seats, choice of joysticks, conveniently located in-cab storage locations, cupholder and wireless phone charging provide operators with an unrivalled in-cab experience
- Operators also benefit from USB sockets to charge their smart devices and can also connect their phone to the in-cab display

Powerful performance

- The robust design and powerful engine work in perfect harmony with the intelligent hydraulics to deliver a machine which delivers ultimate results

Intuitive interface

- New 8” integrated touchscreen Volvo Co-Pilot
- Operators can control all essential machine functions from the convenience of the display
- The easy-to-use menu intuitively guides operators throughout key machine functions



Easy to service

- When it comes to routine maintenance, servicing is quick and easy
- Features such as grouped filters, ground level service access, quick drain port, swing out aircon condenser and centralized lubrication points
- The upper structure can be accessed with safety and confidence thanks to anti-slip plates and bright 3-point right-hand side access rails

Positive control hydraulics

- Experience high controllability and fast response times with the proven Volvo positive control hydraulics
- The hydraulics system and Main Control Valve use intelligent technology to control on-demand flow
- The result is high productivity, high-digging capacity and excellent fuel efficiency



Volvo EC130 in detail

Engine		
Engine	Volvo	D3.8E
Max power at	rpm	2 200
Net, ISO 9249/SAE J1349	kW	77
	hp (met)	105
Gross, ISO 14396/SAE J1995	kW	79
	hp (met)	107
Max torque	Nm	370
at engine speed	rpm	1 500
No. of cylinders		4
Displacement	l	3.77
Bore	mm	100
Stroke	mm	120

Electrical System		
Voltage	V	24
Batteries	V	2*12
Battery capacity	Ah	100
Alternator	V/A	28 / 80
Start motor	V - kW	24 - 3.2

Undercarriage

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

Track shoe		2 x 44
Link pitch	mm	172
Shoe width	mm	500
Shoe width, triple grouser	mm	600
Shoe width, triple grouser (HD)	mm	700
Bottom rollers		2 x 6
Top rollers		2 x 1

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	30

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	119
Max. travel speed (low)	km/h	3.1
Max. travel speed (high)	km/h	5.1
Gradeability	°	35

Cab

The operator's cab has easy access via a wide door opening. The cab is supported on hydraulic dampening mounts to reduce shock and vibration levels. These along with sound absorbing lining provide low noise levels. The cab has excellent all-round visibility. The front windshield can easily slide up into the ceiling, and the lower front glass can be removed and stored in the side door.
Integrated airconditioning and heating system: The pressurized and filtered cab air is supplied by an automaticallycontrolled fan. The air is distributed throughout the cab from 14 vents.
Ergonomic operator's seat: The adjustable seat and joystick console move independently to accommodate the operator. The seat has 12 different adjustments plus a seat belt for the operator's comfort and safety.
Refrigerant of the type R134a is used when this machine is equipped with air conditioning. Contains fluorinated greenhouse gas R134a, Global Warming Potential 1430 CO_2-eq.

Sound Level

Sound level in cab according to ISO 6396		
L_{pA}	dB	71
External sound level according to ISO 6395 and EU Noise Directive 2000/14/EC		
L_{WA}	dB	100

Hydraulic System

The new electro-hydraulic system and new MCV (main control valve) use intelligent technology to control on-demand flow for highproductivity, high-digging capacity and excellent fuel consumption.
The following important functions are included in the system for optimum performance:
Summation system: Combines the flow of both hydraulic pumps to ensure quick cycle times and high productivity.
Boom priority: Gives priority to the boom operation for faster raising when loading or performing deep excavations.
Arm priority: Gives priority to the arm operation for faster cycle times in leveling and for increased bucket filling when digging.
Swing priority: Gives priority to swing functions for faster simultaneous operations.
Regeneration system: Prevents cavitation and provides flow to other movements during simultaneous operations for maximum productivity.
Power boost: All digging and lifting forces are increased.
Holding valves: Boom and arm holding valves prevent the digging equipment from creeping.

Main pump: Type 2 x variable displacement axial piston pumps		
Maximum flow	l/min	2 x 123
Pilot pump. Type: Gear pump		
Maximum flow	l/min	20
Max. pressure		
Implement	MPa	34.3
Travel circuit	MPa	34.3
Slew circuit	MPa	24.5
Pilot circuit	MPa	3.9

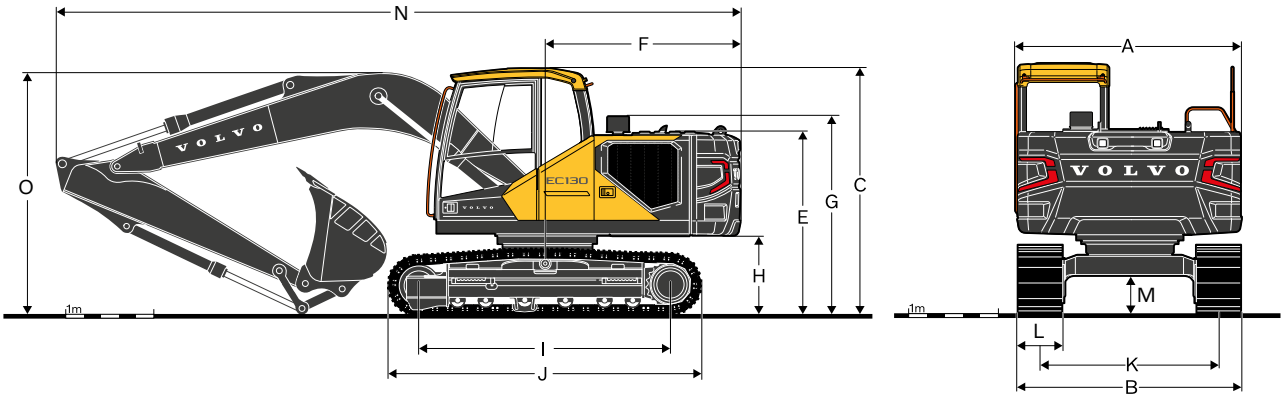
Hydraulic Motors

Travel: Variable displacement axial piston motor with mechanical brake.
Slew: Fixed displacement axial piston motor with mechanical brake

Hydraulic Cylinders		
Mono boom		2
Bore x Stroke	ø x mm	Φ100 x Φ70 x 980 - 1 470
Arm		1
Bore x Stroke	ø x mm	Φ110 x Φ75 x 1 045 - 1 655
Bucket		1
Bore x Stroke	ø x mm	Φ95 x Φ65 x 865 - 1 365

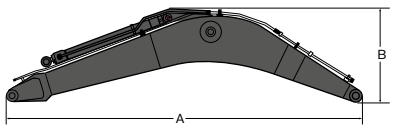
Service Refill		
Fuel tank	l	250
Hydraulic system, total	l	246
Hydraulic tank	l	85
Engine oil	l	13.2
Engine coolant	l	22.3
Slew reduction unit	l	2
Travel reduction unit	l	2*2.2

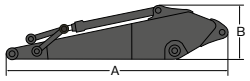
Specifications



DIMENSIONS			
Description	**Unit**	**EC130**	**EC130 L**
Boom	**m**	**4.6**	
Arm	**m**	**2.5**	
A. Overall width of upper structure	mm	2 500	2 500
B. Overall width	mm	2 500	2 600
C. Overall height of cab	mm	2 800	2 800
F. Tail swing radius	mm	2 200	2 200
G. Overall height of engine hood	mm	2 160	2 170
H. Counterweight clearance *	mm	920	920
I. Tumbler length	mm	2 870	3 040
J. Track length	mm	3 580	3 760
K. Track gauge	mm	1 990	1 990
L. Shoe width	mm	500	600
M. Min. ground clearance *	mm	436	436
N. Overall length	mm	7 720	7 720
O. Overall height of boom	mm	2 830	2 800

* Without shoe grouser



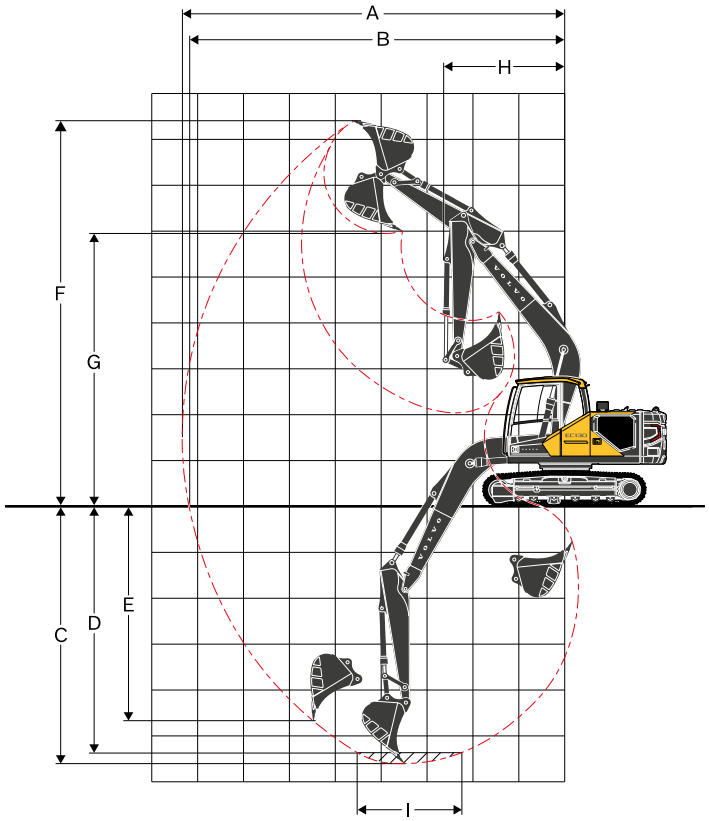


Description	Unit	EC130 / EC130 L	Description	Unit	EC130 / EC130 L
Boom	**m**	**4.6**	**Arm**	**m**	**2.5**
A. Length	mm	4 770	A. Length	mm	3 200
B. Height	mm	1 370	B. Height	mm	710
Width	mm	545	Width	mm	300
Weight	kg	1 060	Weight	kg	625

* Includes arm cylinder, piping and pin

* Includes bucket cylinder, linkage and pin

Specifications



WORKING RANGE			
Description		**Unit**	**EC130 / EC130 L**
Boom		**m**	**4.6**
Arm		**m**	**2.5**
A. Max. digging reach		mm	8 330
B. Max. digging reach on ground		mm	8 190
C. Max. digging depth		mm	5 530
D. Max. digging depth (2.44 m level)		mm	5 310
E. Max. vertical wall digging depth		mm	4 960
F. Max. cutting height		mm	8 390
G. Max. dumping height		mm	6 020
H. Min. front slew radius		mm	2 630
DIGGING FORCES WITH DIRECT FIT BUCKET			
Bucket radius		mm	1 248
Breakout force	Normal, SAE	kN	78
	Normal, ISO	kN	88
Tearout force	Normal, SAE	kN	59
	Normal, ISO	kN	60
Rotation angle, bucket		°	175

GROUND PRESSURE				
EC130				
Description	**Shoe width**	**Operating weight**	**Ground pressure**	**Overall width**
Units	**mm**	**kg**	**kPa**	**mm**
Triple grouser	500	12 800	43.7	2 500
	700	13 320	32.5	2 700
		EC130, 4.6 m boom, 2.5 m arm, 0.52 m³, 446 kg bucket, 2 000 kg counterweight		
EC130 L				
Description	**Shoe width**	**Operating weight**	**Ground pressure**	**Overall width**
Units	**mm**	**kg**	**kPa**	**mm**
Triple grouser, HD	600	13 200	35.4	2 600
Triple grouser	700	13 320	32.5	2 700
		EC130 L, 4.6 m boom, 2.5 m arm, 0.57 m³, 446 kg bucket, 2 000 kg counterweight		

BUCKET SELECTION GUIDE

Bucket type		Capacity	Cutting width	Weight	Teeth	EC130 / EC130 L	
						with 500 mm shoe, 2 000 kg counterweight	with 600 mm shoe, 2 100 kg counterweight
						4.6 m boom	
		m³	mm	kg	EA	2.5 m arm	2.5 m arm
Direct fit buckets	General purpose	0.52	1 020	446	5	C	C
		0.57	1 095	474	5	B	C
		0.66	1 050	471	4	A	C

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 materal density
D: 1 900 ~ kg/m³ - Wet mud, Iron ore
C: 1 700 ~ 1 800 kg/m³ - Granite, Wet sand, Well blasted rock
B: 1 400 ~ 1 600 kg/m³ - Well earth and clay, Limestone, Sandstone
A: 1 200 ~ 1 300 kg/m³ - Coal, Caliche, Shale
X : Not recommended

LIFTING CAPACITY EC130

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		3.0 m		4.5 m		6.0 m		Max. reach		Max.
			Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	m
Boom: 4.6 m GP	6.0 m	kg					*2 480	*2 480			*2 750	2 470	5.42 m
Arm: 2.5 m GP	4.5 m	kg					*2 690	*2 690	*2 800	2 090	*2 550	1 850	6.41 m
Shoe: 500 mm	3.0 m	kg			*4 690	*4 690	*3 470	3 140	*3 060	2 020	2 480	1 590	6.93 m
CWT: 2 000 kg	1.5 m	kg					*4 470	2 920	3 030	1 930	2 340	1 490	7.1 m
Without dozer	0 m	kg			*5 050	4 950	4 520	2 760	2 940	1 860	2 390	1 510	6.93 m
	-1.5 m	kg	*3 840	*3 840	*8 170	4 920	4 450	2 710	2 920	1 830	2 660	1 680	6.41 m
	-3 m	kg	*7 590	*7 590	*7 700	5 020	4 500	2 750			3 430	2 150	5.42 m
Boom: 4.6 m GP	6.0 m	kg					*2 480	*2 480			*2 750	2 530	5.42 m
Arm: 2.5 m GP	4.5 m	kg					*2 690	*2 690	*2 800	2 140	*2 550	1 900	6.41 m
Shoe: 500 mm	3.0 m	kg			*4 690	*4 690	*3 470	3 220	*3 060	2 080	2 530	1 640	6.93 m
CWT: 2 100 kg	1.5 m	kg					*4 470	3 000	3 090	1 980	2 400	1 540	7.1 m
Without dozer	0 m	kg			*5 050	*5 050	4 610	2 840	3 010	1 910	2 440	1 560	6.93 m
	-1.5 m	kg	*3 840	*3 840	*8 170	5 060	4 550	2 780	2 980	1 880	2 720	1 730	6.41 m
	-3 m	kg	*7 590	*7 590	*7 700	5 150	4 590	2 820			3 500	2 210	5.42 m
Boom: 4.6 m GP	6.0 m	kg					*2 480	*2 480			*2 750	2 560	5.42 m
Arm: 2.5 m GP	4.5 m	kg					*2 690	*2 690	*2 800	2 170	*2 550	1 930	6.41 m
Shoe: 700 mm	3.0 m	kg			*4 690	*4 690	*3 470	3 260	*3 060	2 100	*2 550	1 660	6.93 m
CWT: 2 000 kg	1.5 m	kg					*4 470	3 040	3 160	2 010	2 450	1 560	7.1 m
Without dozer	0 m	kg			*5 050	*5 050	4 710	2 880	3 080	1 940	2 500	1 580	6.93 m
	-1.5 m	kg	*3 840	*3 840	*8 170	5 130	4 650	2 820	3 050	1 910	2 780	1 750	6.41 m
	-3 m	kg	*7 590	*7 590	*7 700	5 220	4 690	2 860			3 580	2 240	5.42 m
Boom: 4.6 m GP	6.0 m	kg					*2 480	*2 480			*2 750	2 620	5.42 m
Arm: 2.5 m GP	4.5 m	kg					*2 690	*2 690	*2 800	2 220	*2 550	1 980	6.41 m
Shoe: 700 mm	3.0 m	kg			*4 690	*4 690	*3 470	3 330	*3 060	2 160	*2 550	1 710	6.93 m
CWT: 2 100 kg	1.5 m	kg					*4 470	3 110	3 220	2 060	2 500	1 600	7.1 m
Without dozer	0 m	kg			*5 050	*5 050	4 810	2 960	3 140	1 990	2 550	1 630	6.93 m
	-1.5 m	kg	*3 840	*3 840	*8 170	5 260	4 750	2 900	3 110	1 960	2 840	1 800	6.41 m
	-3 m	kg	*7 590	*7 590	*7 700	5 350	4 790	2 940			3 650	2 300	5.42 m
Boom: 4.6 m HD	6.0 m	kg					*2 440	*2 440			*2 730	2 490	5.42 m
Arm: 2.5 m HD	4.5 m	kg					*2 650	*2 650	*2 750	2 100	*2 530	1 860	6.41 m
Shoe: 500 mm	3.0 m	kg			*4 630	*4 630	*3 420	3 170	*3 010	2 030	2 480	1 590	6.93 m
CWT: 2 100 kg	1.5 m	kg					*4 400	2 930	3 030	1 930	2 340	1 490	7.1 m
Without dozer	0 m	kg			*5 040	4 940	4 530	2 760	2 950	1 850	2 390	1 500	6.93 m
	-1.5 m	kg	*3 830	*3 830	*8 160	4 920	4 450	2 700	2 910	1 820	2 660	1 670	6.41 m
	-3 m	kg	*7 570	*7 570	*7 580	5 020	4 500	2 740			3 430	2 140	5.42 m

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 EC130 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		3.0 m		4.5 m		6.0 m		Max. reach		Max.
			Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	m
Boom: 4.6 m GP	6.0 m	kg					*2 480	*2 480			*2 750	2 650	5.42 m
	4.5 m	kg					*2 690	*2 690	*2 800	2 250	*2 550	2 000	6.41 m
Arm: 2.5 m GP	3.0 m	kg			*4 690	*4 690	*3 470	3 370	*3 060	2 180	*2 550	1 730	6.93 m
Shoe: 600 mm	1.5 m	kg					*4 470	3 150	*3 490	2 090	*2 690	1 620	7.1 m
CWT: 2 100 kg	0 m	kg			*5 050	*5 050	*5 220	2 990	3 410	2 020	2 770	1 650	6.93 m
Without dozer	-1.5 m	kg	*3 840	*3 840	*8 170	5 320	5 200	2 940	3 390	1 990	3 090	1 830	6.41 m
	-3 m	kg	*7 590	*7 590	*7 700	5 420	*5 100	2 970			3 980	2 330	5.42 m
Boom: 4.6 m GP	6.0 m	kg					*2 480	*2 480			*2 750	*2 750	5.42 m
	4.5 m	kg					*2 690	*2 690	*2 800	2 430	*2 550	2 170	6.41 m
Arm: 2.5 m GP	3.0 m	kg			*4 690	*4 690	*3 470	*3 470	*3 060	2 370	*2 550	1 880	6.93 m
Shoe: 600 mm	1.5 m	kg					*4 470	3 410	*3 490	2 270	*2 690	1 780	7.1 m
CWT: 2 450 kg	0 m	kg			*5 050	*5 050	*5 220	3 260	3 650	2 200	2 970	1 800	6.93 m
Without dozer	-1.5 m	kg	*3 840	*3 840	*8 170	5 780	*5 490	3 200	3 620	2 170	3 300	2 000	6.41 m
	-3 m	kg	*7 590	*7 590	*7 700	5 880	*5 100	3 240			*3 980	2 540	5.42 m
Boom: 4.6 m GP	6.0 m	kg					*2 480	*2 480			*2 750	*2 750	5.42 m
	4.5 m	kg					*2 690	*2 690	*2 800	2 370	*2 550	2 120	6.41 m
Arm: 2.5 m GP	3.0 m	kg			*4 690	*4 690	*3 470	*3 470	*3 060	2 310	*2 550	1 830	6.93 m
Shoe: 600 mm	1.5 m	kg					*4 470	3 330	*3 490	2 220	*2 690	1 730	7.1 m
CWT: 2 100 kg	0 m	kg			*5 050	*5 050	*5 220	3 170	*3 870	2 140	*3 020	1 750	6.93 m
With dozer	-1.5 m	kg	*3 840	*3 840	*8 170	5 640	*5 490	3 120	*3 980	2 120	*3 660	1 940	6.41 m
	-3 m	kg	*7 590	*7 590	*7 700	5 730	*5 100	3 160			*3 980	2 470	5.42 m
Boom: 4.6 m GP	6.0 m	kg					*2 480	*2 480			*2 750	*2 750	5.42 m
	4.5 m	kg					*2 690	*2 690	*2 800	2 560	*2 550	2 290	6.41 m
Arm: 2.5 m GP	3.0 m	kg			*4 690	*4 690	*3 470	*3 470	*3 060	2 490	*2 550	1 990	6.93 m
Shoe: 600 mm	1.5 m	kg					*4 470	3 590	*3 490	2 400	*2 690	1 880	7.1 m
CWT: 2 450 kg	0 m	kg			*5 050	*5 050	*5 220	3 440	*3 870	2 330	*3 020	1 910	6.93 m
With dozer	-1.5 m	kg	*3 840	*3 840	*8 170	6 100	*5 490	3 380	*3 980	2 300	*3 660	2 110	6.41 m
	-3 m	kg	*7 590	*7 590	*7 700	6 190	*5 100	3 420			*3 980	2 680	5.42 m
Boom: 4.6 m GP	6.0 m	kg					*2 480	*2 480			*2 750	2 700	5.42 m
	4.5 m	kg					*2 690	*2 690	*2 800	2 290	*2 550	2 040	6.41 m
Arm: 2.5 m GP	3.0 m	kg			*4 690	*4 690	*3 470	3 430	*3 060	2 220	*2 550	1 760	6.93 m
Shoe: 700 mm	1.5 m	kg					*4 470	3 210	*3 490	2 130	*2 690	1 660	7.1 m
CWT: 2 100 kg	0 m	kg			*5 050	*5 050	*5 220	3 050	3 480	2 060	2 830	1 680	6.93 m
Without dozer	-1.5 m	kg	*3 840	*3 840	*8 170	5 430	5 310	2 990	3 460	2 030	3 150	1 860	6.41 m
	-3 m	kg	*7 590	*7 590	*7 700	5 520	*5 100	3 030			*3 980	2 370	5.42 m
Boom: 4.6 m GP	6.0 m	kg					*2 480	*2 480			*2 750	*2 750	5.42 m
	4.5 m	kg					*2 690	*2 690	*2 800	2 470	*2 550	2 210	6.41 m
Arm: 2.5 m GP	3.0 m	kg			*4 690	*4 690	*3 470	*3 470	*3 060	2 410	*2 550	1 920	6.93 m
Shoe: 700 mm	1.5 m	kg					*4 470	3 470	*3 490	2 320	*2 690	1 810	7.1 m
CWT: 2 450 kg	0 m	kg			*5 050	*5 050	*5 220	3 310	3 720	2 240	*3 020	1 840	6.93 m
Without dozer	-1.5 m	kg	*3 840	*3 840	*8 170	5 880	*5 490	3 260	3 690	2 210	3 370	2 030	6.41 m
	-3 m	kg	*7 590	*7 590	*7 700	5 980	*5 100	3 300			*3 980	2 580	5.42 m
Boom: 4.6 m GP	6.0 m	kg					*2 480	*2 480			*2 750	*2 750	5.42 m
	4.5 m	kg					*2 690	*2 690	*2 800	2 410	*2 550	2 160	6.41 m
Arm: 2.5 m GP	3.0 m	kg			*4 690	*4 690	*3 470	*3 470	*3 060	2 350	*2 550	1 870	6.93 m
Shoe: 700 mm	1.5 m	kg					*4 470	3 390	*3 490	2 260	*2 690	1 760	7.1 m
CWT: 2 100 kg	0 m	kg			*5 050	*5 050	*5 220	3 230	*3 870	2 180	*3 020	1 790	6.93 m
With dozer	-1.5 m	kg	*3 840	*3 840	*8 170	5 740	*5 490	3 170	*3 980	2 160	*3 660	1 980	6.41 m
	-3 m	kg	*7 590	*7 590	*7 700	5 830	*5 100	3 210			*3 980	2 520	5.42 m
Boom: 4.6 m GP	6.0 m	kg					*2 480	*2 480			*2 750	*2 750	5.42 m
	4.5 m	kg					*2 690	*2 690	*2 800	2 600	*2 550	2 330	6.41 m
Arm: 2.5 m GP	3.0 m	kg			*4 690	*4 690	*3 470	*3 470	*3 060	2 530	*2 550	2 020	6.93 m
Shoe: 700 mm	1.5 m	kg					*4 470	3 650	*3 490	2 440	*2 690	1 910	7.1 m
CWT: 2 450 kg	0 m	kg			*5 050	*5 050	*5 220	3 490	*3 870	2 370	*3 020	1 940	6.93 m
With dozer	-1.5 m	kg	*3 840	*3 840	*8 170	6 200	*5 490	3 440	*3 980	2 340	*3 660	2 150	6.41 m
	-3 m	kg	*7 590	*7 590	*7 700	6 290	*5 100	3 480			*3 980	2 720	5.42 m

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	
Engine	
Turbocharged, 4 stroke diesel engine with water cooling, direct injection and charged air cooler	•
Air filter with indicator	•
Air intake heater	•
Cyclone pre-cleaner	o
Air cleaner only	•
Engine block heater	o
Delayed engine Shutdown	•
Automatic engine shutdown	•
Fuel filter and water separator	•
Water separator with heater	o
Cab and Interior	
ROPS certified cab	•
FOG (Falling Object Guard)	o
FOPS (Falling Object Protection Structure)	o
8” display	•
Mechanical sus	•
Air sus seat	o
Seat belt, 2 inch	•
Seat belt, 3 inch	o
Front rain shield	o
Sun screens, front, roof, rear	•
Sun shield, roof hatch	•
Safety net	o
Travel pedals and hand levers	o
Heater & air-conditioner, automatic	•
Wireless phone charger	•
Large storage area	•
Pull-up type front window	•
Removable lower windshield	•
Hydraulic system	
Pilot-Hydraulic control system	•
Joystick, Semi-long	•
Joystick, 3 switch & 1 proportional	o
Longlife hyd oil mineral 46	o
Longlife hyd oil mineral 68	•
Dedicated drain line	•
Hose rupture valve for boom	•
Hose rupture valve for arm	•

STANDARD AND OPTIONAL EQUIPMENT	
• = Standard / o = Optional	
Electric / Electronic control system	
Anti-theft with code lock system	•
Automatic idling system	•
Standard light	•
Extra light	o
Master electrical disconnect switch	•
Safety and security	
Travel alarm, beep / white noise	o
Flashing beacon, LED	o
Rear view camera	•
Side view camera	o
Undercarriage and structures	
3-point side access	•
Lower frame, LC	o
Lower frame, STD	•
Link 500 mm triple grouser shoe	•
Link 700 mm triple grouser shoe, HD	o
Undercover STD	•
Undercover HD	o
Digging equipment	
Boom: 4.6 m HD monoblock	o
Boom: 4.6 m GP monoblock	•
Arm: 2.5 m HD	o
Arm: 2.5 m GP	•
Service and maintenance	
Swing out A/C condenser	•
Fuel filler pump	•
Tool kit	•

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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