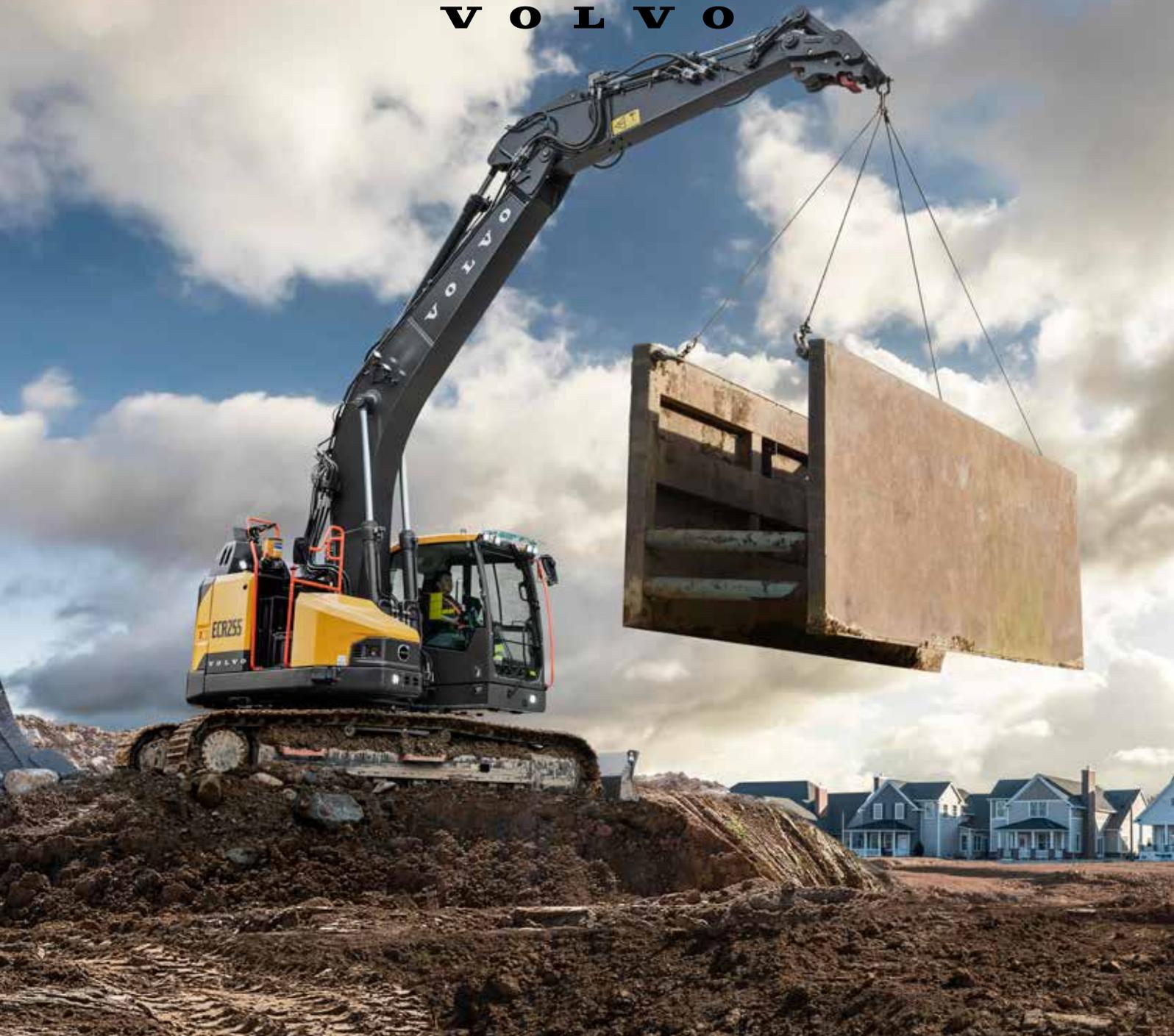


V O L V O



Volvo Excavators 23.4-29.0 t 175 hp

ECR255

Volvo Construction Equipment

ECR255

Get more from your short swing radius excavator in the ECR255. More fuel efficiency, more lifting capacity and more operator comfort.



Outstanding visibility



- The newly designed cab significantly improves right hand, front and side visibility
- Optional one-piece windshield
- Large mirrors with electric heating
- Additional lighting on the cab, boom, and arm

A new level of performance



- 7% increase in lifting capacity
- Heavier counterweight
- Boom/Swing priority functions
- Auto travel boost
- Floating dozer blade

A new level in short swing performance

Get ready for a new standard in short swing radius excavator efficiency, performance and comfort in the ECR255. With 10% more fuel efficiency, 7% more lifting capacity and 20% more in-cab space compared to traditional short swing machines, count on the ECR255 to deliver the big performance and big results in short swing applications.



10% more fuel efficiency

- Advanced electro-hydraulic control system with main control valve (MCV)
- Redesigned main control valve for faster hydraulic movements and more efficient use of power
- New electric fan
- Engine pump optimization reduces engine speed to 1 600 rpm (1 800 rpm used for travel operation only when needed)
- Auto power boost
- Powerful and efficient Volvo engine
- New engine work modes
- Auto idling, automatic engine shutdown



Made for uptime

- 1 000-hour engine oil change interval
- 3 000-hour hydraulic oil change
- More synchronized service intervals (all 1 000-hour multiples)
- Grouped filters and lubrication points easily accessed thanks to new right hand service access to the upper platform
- Urea tank filling from the ground level
- HVAC main filter replaced from inside the cab
- Easier, cleaner oil and filter changes: quick drain port, shut off valve, optional ground level access oil sampling port
- CareTrack telematics

Smart View with POC (People and Obstacle Classification)



- Combine 360° camera view with highly intelligent radar detection
- Differentiate between people and objects thanks to deep learning technology
- Enhanced real-time view of surroundings
- Automatic alerts if people or obstacles are detected



Unrivalled operator environment

- 20% more in-cab space
- 50% improved in-cab cooling performance
- Electric fans for less noise
- Two filter system for better air quality: pre filter and main filter
- Bluetooth connectivity, wireless phone charging and extensive storage
- Ergonomically designed footsteps and handrails for easy cab entrance/exit
- The tiltable left console provides more space to enter the cab
- Precision joystick system, ergonomic right-hand switch layout, customizable settings

Dig Assist for faster, easier and safer digging operations



- Powered by the in-cab Volvo Co-Pilot
- Volvo Active Control for faster, more precise digging
- Boundary limits: Depth Limit, Height Limit, Swing Fence
- 2D/3D machine control, In-Field Design and On-Board Weighing



Co-Pilot

The new Volvo Co-Pilot features a new 12.8" display with full HD resolution. Associated with the new HD side and rear camera, it gives better visibility on your operations. Both hardware and software improvements provide increased control on the Dig Assist applications.

Smooth Control

You will find the new joystick controls offer smoother, easier operation. Because the controls are more precise, it is easier for you to achieve what you are trying to do, leading to better machine performance.

Volvo Smart View

Volvo Smart View with Obstacle Detection provides operators with a 360° view of the machines surroundings thanks to the camera and the new radar detection system. This high technology can identify obstacles as either an object or a human being, allowing the operator to take appropriate action.

Stay connected

In the comfort of the new cab, you can charge your mobile phone wirelessly or plugged in. You also have the option to use USB connections to access your music playlists or podcasts. The Bluetooth speaker enables you to have clear communication when making a phone call.

Comfort

The new style cab's ambition is to being more comfortable and make your work easier. A handy storage space allows you to store your coolbox or shoes while you work. You will enjoy reduced noise levels, built-in sunscreen and improved HVAC. Moreover, the new comfortable seat offer will allow to reduce the operator fatigue when working all day.

Industry leading service intervals

The ECR255 boasts some of the longest service intervals in the industry, with 1 000-hour engine oil, 3 000-hour hydraulic oil changes to mention a few. More synchronized service intervals (all 1 000-hour multiples) further increase uptime and reduce costs.

Unrivalled operator comfort

The ECR255 combines a short swing radius machine with conventional machine cab, resulting in an outstanding 20% more in-cab space compared to a traditional short swing radius cab. This is complemented by a host of features designed to boost operator comfort including 50% improved in-cab cooling performance, less noise, Bluetooth connectivity, wireless phone charging and extensive storage.



10% more fuel efficiency

The ECR255 boasts all the power of its equivalent Volvo crawler excavator along with a 10% improvement in fuel efficiency. The ECR255 takes fuel efficiency to a new level with the redesigned main control valve which enables faster hydraulic movements and more efficient use of power, boosting overall machine performance. Additional features such as new electric fan, engine pump optimisation, auto power boost, and many other intelligent functions, combine to result in lower fuel consumption and lower operating costs.

A new level of performance

Take short swing performance to the next level. The new machine design, including heavier counterweight, unlocks a new level of performance, most notably a 7% increase in lifting capacity. This is combined with the electro-hydraulic control system with redesigned main control valve and customized priority setting function, which enables fast cycle times and optimum efficiency out in the field. Additional functions such as auto power boost and auto travel boost further support productivity and enhance operator comfort.



Volvo ECR255 in detail

Engine

The latest generation, Volvo engine Stage V emissions compliant diesel engine fully meets the demands of the latest, emissions regulations. Featuring Volvo Advanced Combustion Technology (V-ACT), it is designed to deliver superior performance and fuel efficiency. The engine uses precise, high pressure fuel injectors, turbo charger and air-to-air intercooler, and electronic engine controls to optimize machine performance.

- Air Filter: 3-stage with precleaner
- Automatic Idling System: Reduces engine speed to idle when the levers and pedals are not activated resulting in less fuel consumption and low cab noise levels.

Engine	Brand	Volvo D6L
Max power at	rpm	1 800
Net, ISO 9249/SAE J1349	kW	128
	hp	174
Gross, ISO 14396/SAE J1995	kW	129
	hp	175
Max torque	Nm	849
at engine speed	rpm	1 350
No. of cylinders		6
Displacement	lit	5.7
Bore	mm	98
Stroke	mm	126

Electrical System

High-capacity electrical system that is well protected. Waterproof double-lock harness plugs are used to secure corrosion-free connections. The main relays and solenoid valves are shielded to prevent damage. Contronics provides advanced monitoring of machine functions and important diagnostic information.

Voltage	V	24
Batteries	V	2 x 12
Battery capacity	Ah	140
Alternator	V/A	28/180
Start motor	V - kW	24 - 5.5

Undercarriage

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

Track shoe		2 x 49
Link pitch	mm	190
Shoe width, triple grouser	mm	600 / 700 / 800 / 900
Shoe width, triple grouser (HD)	mm	600
Shoe width, double grouser	mm	700
Shoe width, single grouser	mm	600
Bottom rollers		2 x 8
Top rollers		2 x 2

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	12
Max. slew torque	kN/m	83.1

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. drawbar pull	kN	209
Max. travel speed (low)	km/h	3.4
Max. travel speed (high)	km/h	5.6
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 air-conditioning and heating system: The pressurized and filtered cab air is supplied by an automatically controlled fan. The air is distributed throughout the cab from 10 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.

Sound Level

Sound level in cab according to ISO 6396		
L _{pA}	dB	70
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 high productivity, high-digging capacity and excellent fuel consumption.

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	2 x 208
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Pilot pump: Gear pump

Maximum flow	l/min	1 x 16
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Max. pressure

Implement	MPa	34.3
Travel circuit	MPa	34.3
Slew circuit	MPa	29.5
Pilot circuit	MPa	3.9

Hydraulic Cylinders

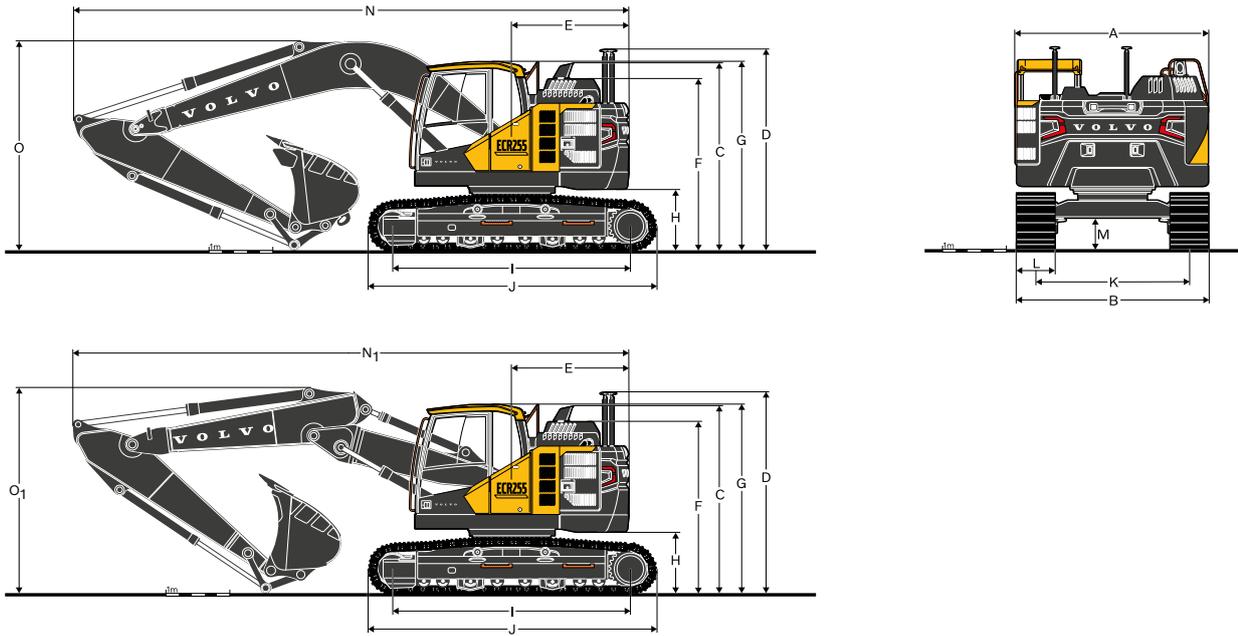
Boom		2
Bore x Stroke	ø x mm	130 x 1 420
2 piece boom		1
Bore x Stroke	ø x mm	160 x 1 070
1st boom of 2-piece boom		2
Bore x Stroke	ø x mm	130 x 1 345
Arm		1
Bore x Stroke	ø x mm	135 x 1 485
Bucket		1
Bore x Stroke	ø x mm	120 x 1 065
Dozer blade		2
Bore x Stroke	ø x mm	140 x 320

Service Refill

Fuel tank	lit	299
DEF/AdBlue® tank	lit	27
Hydraulic system, total	lit	280
Hydraulic tank	lit	126
Engine oil	lit	25
Engine coolant	lit	32
Slew reduction unit	lit	4
Travel reduction unit	lit	2 x 5



Specifications



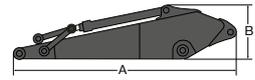
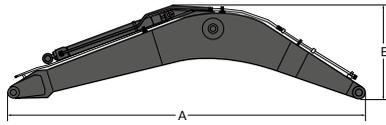
DIMENSIONS

Description	Unit	ECR255 L		ECR255 HW	
Boom		5.7 m mono boom or 5.76 m 2-piece boom			
Arm	m	2.5	2.9	2.5	2.9
A. Overall width of upper structure	mm	3 010		3 010	
B. Overall width	mm	2 990		3 220	
C. Overall height of cab	mm	3 010		3 180	
D. Overall height of handrail	mm	3 000		3 170	
E. Tail swing radius**	mm	1 810		1 810	
F. Overall height of engine hood	mm	2 745		2 915	
H. Counterweight clearance *	mm	1 005		1 175	
I. Tumbler length	mm	3 660		3 850	
J. Track length	mm	4 455		4 470	
K. Track gauge	mm	2 390		2 620	
L. Shoe width	mm	600		600	
M. Min. ground clearance *	mm	515		665	
N. Overall length	mm	9 065	9 035	9 075	9 035
N ¹ . Overall length	mm	9 055	9 025	9 085	9 055
O. Overall height of boom	mm	3 330	3 310	3 410	3 365
O ¹ . Overall height of boom *	mm	3 160	3 210	3 210	3 250

¹ 2 piece boom

* Without shoe grouser

**Tail swing radius : +40 mm with 7 100 kg counterweight



DIMENSIONS

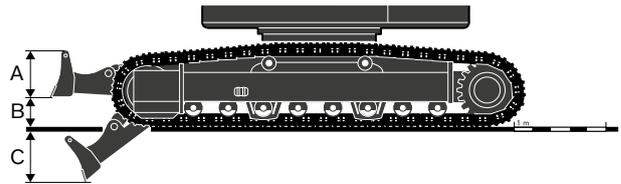
		Boom				Arm	
Description	Unit	5.7 m GP	5.57 m 2-piece boom	Description	Unit	2.5 m HD	2.9 m GP
A. Length	mm	5 910	5 965	A. Length	mm	3 525	3 910
B. Height	mm	1 770	1 300	B. Height	mm	860	860
Width	mm	670	670	Width	mm	440	440
Weight	kg	2 000	2 570	Weight	kg	975	1 000

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

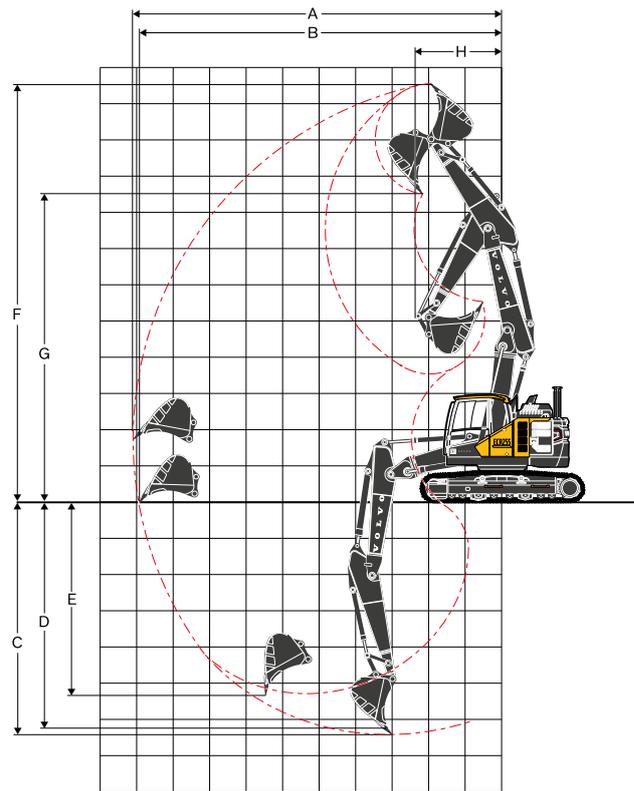
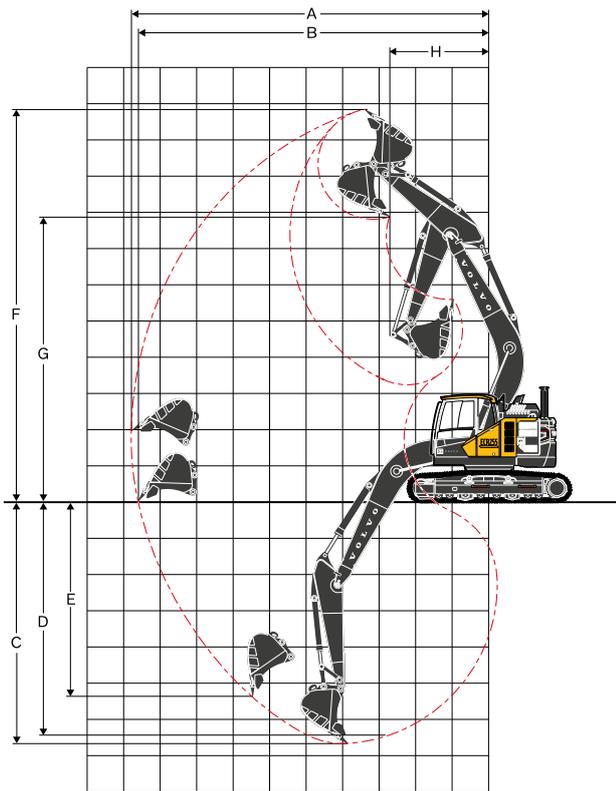
Includes cylinder, linkage and pin

ECR255

A. Height	mm	620
B. Lift height	mm	550
C. Digging depth	mm	570
Width Blade		
with 600 mm shoe	mm	2 990
with 700 mm shoe	mm	3 090
with 800 mm shoe	mm	3 190
Weight	kg	790



Specifications



WORKING RANGES

Description	Unit	ECR255			
		5.7 m mono boom		5.57 m 2-piece boom	
Boom		2.5	2.9	2.5	2.9
A. Max. digging reach	mm	9 510	9 890	9 690	10 085
B. Max. digging reach on ground	mm	9 340	9 735	9 660	9 930
C. Max. digging depth	mm	6 350	6 755	5 950	6 355
D. Max. digging depth (l=2 440 m level)	mm	6 120	6 550	5 840	6 250
E. Max. vertical wall digging depth	mm	5 220	5 685	4 910	5 325
F. Max. cutting height	mm	10 600	10 915	11 150	11 515
G. Max. dumping height	mm	7 560	7 870	8 095	8 460
H. Min. front swing radius	mm	2 395	2 170	2 235	2 160

DIGGING FORCES WITH DIRECT FIT BUCKET

Bucket radius			mm	1 528	1 528	1 528	1 528
Breakout force (bucket)	Normal	SAE J1179	kN	125	125	125	125
	Power boost	SAE J1179	kN	132	132	132	132
	Normal	ISO 6015	kN	141	141	141	141
	Power boost	ISO 6015	kN	149	149	149	149
Tearout force (arm)	Normal	SAE J1179	kN	117	101	117	101
	Power boost	SAE J1179	kN	124	107	124	107
	Normal	ISO 6015	kN	121	104	121	104
	Power boost	ISO 6015	kN	128	110	128	110
Rotation angle, bucket			°	175	175	175	175

MACHINE WEIGHTS AND GROUND PRESSURE - ECR255 L without Dozer blade

Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width	
	mm	kg	kPa	mm	kg	kPa	mm	
Triple grouser	600	24 270	50.0	2 990	25 170	52.0	2 990	
	600 (HD)	24 365	51.0	2 990	25 265	52.0	2 990	
	700	24 645	44.1	3 090	25 545	45.1	3 090	
	800	24 925	39.2	3 190	25 825	40.2	3 190	
	900	25 090	34.3	3 290	25 990	36.3	3 290	
Rubber grouser	600	24 540	51.0	2 990	25 440	53.0	2 990	
Add on rubber grouser	600	25 095	52.0	2 990	25 995	53.9	2 990	
Double grouser	700	24 950	44.1	3 090	25 850	46.1	3 090	
		5.7 m GP mono boom, 2.9 m GP arm, 1.09 m³ bucket, 6 200 kg counterweight			5.7 m GP mono boom, 2.9 m GP arm, 1.09 m³ bucket, 7 100 kg counterweight			
Triple grouser	600	24 285	50.0	2 990	25 185	52.0	2 990	
	600 (HD)	24 380	51.0	2 990	25 280	52.0	2 990	
	700	24 660	44.1	3 090	25 560	45.1	3 090	
	800	24 940	39.2	3 190	25 840	40.2	3 190	
	900	25 105	34.3	3 290	26 005	36.3	3 290	
Rubber grouser	600	24 555	51.0	2 990	25 455	53.0	2 990	
Add on rubber grouser	600	25 110	52.0	2 990	26 010	53.9	2 990	
Double grouser	700	24 965	44.1	3 090	25 865	46.1	3 090	
		5.7 m GP mono boom, 2.5 m HD arm, 1.09 m³ bucket, 6 200 kg counterweight			5.7 m GP mono boom, 2.5 m HD arm, 1.09 m³ bucket, 7 100 kg counterweight			
Triple grouser	600	25 100	52.0	2 990	26 000	53.9	2 990	
	600 (HD)	25 195	52.0	2 990	26 095	53.9	2 990	
	700	25 470	45.1	3 090	26 370	47.1	3 090	
	800	25 750	40.2	3 190	26 650	41.2	3 190	
	900	25 920	36.3	3 290	26 820	37.3	3 290	
Rubber grouser	600	25 370	53.0	2 990	26 270	54.9	2 990	
Add on rubber grouser	600	25 920	53.9	2 990	26 820	55.9	2 990	
Double grouser	700	25 775	46.1	3 090	26 675	47.1	3 090	
		5.76 m 2-pieces boom, 2.9 m GP arm, 1.09 m³ bucket, 6 200 kg counterweight			5.76 m 2-pieces boom, 2.9 m GP arm, 1.09 m³ bucket, 7 100 kg counterweight			
Triple grouser	600	25 085	52.0	2 990	25 985	53.9	2 990	
	600 (HD)	25 180	52.0	2 990	26 080	53.9	2 990	
	700	25 455	45.1	3 090	26 355	47.1	3 090	
	800	25 735	40.2	3 190	26 635	41.2	3 190	
	900	25 905	36.3	3 290	26 805	37.3	3 290	
Rubber grouser	600	25 355	53.0	2 990	26 255	54.9	2 990	
Add on rubber grouser	600	25 905	53.9	2 990	26 805	55.9	2 990	
Double grouser	700	25 760	46.1	3 090	26 660	47.1	3 090	
		5.76 m 2-pieces boom, 2.5 m GP arm, 1.09 m³ bucket, 6 200 kg counterweight			5.76 m 2-pieces boom, 2.5 m GP arm, 1.09 m³ bucket, 7 100 kg counterweight			

Specifications

MACHINE WEIGHTS AND GROUND PRESSURE - ECR255 L with Dozer blade								
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width	
	mm	kg	kPa	mm	kg	kPa	mm	
Triple grouser	600	25 660	53.0	2 990	26 560	54.9	2 990	
	600 (HD)	25 755	53.0	2 990	26 655	54.9	2 990	
	700	26 065	46.1	3 090	26 965	48.0	3 090	
	800	26 340	41.2	3 190	27 240	42.2	3 190	
Rubber grouser	600	25 930	53.9	2 990	26 830	55.9	2 990	
Add on rubber grouser	600	26 480	54.9	2 990	27 380	56.9	2 990	
Double grouser	700	26 370	47.1	3 090	27 265	48.0	3 090	
		5.7 m GP mono boom, 2.9 m GP arm, 1.09 m³ bucket, 6 200 kg counterweight			5.7 m GP mono boom, 2.9 m GP arm, 1.09 m³ bucket, 7 100 kg counterweight			
Triple grouser	600	25 645	53.0	2 990	26 545	54.9	2 990	
	600 (HD)	25 740	53.0	2 990	26 640	54.9	2 990	
	700	26 050	46.1	3 090	26 950	48.0	3 090	
	800	26 330	41.2	3 190	27 230	42.2	3 190	
Rubber grouser	600	25 915	53.9	2 990	26 815	55.9	2 990	
Add on rubber grouser	600	26 465	54.9	2 990	27 365	56.9	2 990	
Double grouser	700	26 355	47.1	3 090	27 255	48.0	3 090	
		5.7 m GP mono boom, 2.5 m HD arm, 1.09 m³ bucket, 6 200 kg counterweight			5.7 m GP mono boom, 2.5 m HD arm, 1.09 m³ bucket, 7 100 kg counterweight			
Triple grouser	600	26 490	54.9	2 990	27 390	56.9	2 990	
	600 (HD)	26 580	54.9	2 990	27 480	56.9	2 990	
	700	26 890	48.0	3 090	27 790	49.0	3 090	
	800	27 170	42.2	3 190	28 070	44.1	3 190	
Rubber grouser	600	26 760	55.9	2 990	27 660	56.9	2 990	
Add on rubber grouser	600	27 310	56.9	2 990	28 210	58.8	2 990	
Double grouser	700	27 195	48.0	3 090	28 095	50.0	3 090	
		5.76 m 2-pieces boom, 2.9 m GP arm, 1.09 m³ bucket, 6 200 kg counterweight			5.76 m 2-pieces boom, 2.9 m GP arm, 1.09 m³ bucket, 7 100 kg counterweight			
Triple grouser	600	26 475	54.9	2 990	27 375	56.9	2 990	
	600 (HD)	26 565	54.9	2 990	27 465	56.9	2 990	
	700	26 875	48.0	3 090	27 775	49.0	3 090	
	800	27 155	42.2	3 190	28 055	43.1	3 190	
Rubber grouser	600	26 745	55.9	2 990	27 645	56.9	2 990	
Add on rubber grouser	600	27 295	56.9	2 990	28 195	58.8	2 990	
Double grouser	700	27 180	48.0	3 090	28 080	50.0	3 090	
		5.76 m 2-pieces boom, 2.5 m GP arm, 1.09 m³ bucket, 6 200 kg counterweight			5.76 m 2-pieces boom, 2.5 m GP arm, 1.09 m³ bucket, 7 100 kg counterweight			

BUCKET SELECTION GUIDE

Bucket type		Capacity m ³	Cutting width mm	Weight kg	Teeth EA	ECR255, 600 mm shoe, 6 200 kg counterweight				ECR255, 700 mm shoe, 6 200 kg counterweight			
						5.7 m boom		5.76 m 2-piece boom		5.7 m boom		5.76 m 2-piece boom	
						2.5 m arm	2.9 m arm	2.5 m arm	2.9 m arm	2.5 m arm	2.9 m arm	2.5 m arm	2.9 m arm
Direct fit Buckets General purpose	Without Quick Coupler	0.48	600	623	3	C	C	C	C	C	C	C	C
		0.63	800	703	4	C	C	C	C	C	C	C	C
		0.75	900	749	4	C	C	C	C	C	C	C	C
		0.92	1 050	819	4	C	C	C	C	C	C	C	C
		1.09	1 200	908	5	C	C	C	C	C	C	C	C
		1.27	1 350	995	5	C	C	C	B	C	C	C	C
		1.44	1 500	1 085	6	C	B	B	B	C	B	B	B
	U type quick coupler	0.48	600	623	3	C	C	C	C	C	C	C	C
		0.63	800	703	4	C	C	C	C	C	C	C	C
		0.75	900	749	4	C	C	C	C	C	C	C	C
		0.92	1 050	819	4	C	C	C	C	C	C	C	C
		1.09	1 200	908	5	C	C	C	C	C	C	C	C
		1.27	1 350	995	5	C	B	B	B	C	B	B	B
		1.44	1 500	1 085	6	B	A	A	A	B	A	B	A

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: 1 200~1 300 kg/m³

B: 1 400~1 600 kg/m³

C: 1 700~1 800 kg/m³

D: 1 900 kg/m³ ~

Coal, Caliche, Shale

Wet earth and clay, Limestone, Sandstone

Granite, Wet sand, Well blasted rock

Wet mud, Iron ore

Specifications

LIFTING CAPACITY - ECR255 L

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 fit from the following values.

	Lifting point	1.5 m		3 m		4.5 m		6.0 m		7.5 m		Max. reach			
		Along UC	Across UC	Along UC	Across UC	Max. m									
Boom: 5.7mGP Arm: 2.5m Shoe: 600mm CWT: 6200kg	9 m	kg			*8 380	*8 380							*8 380	*8 380	3.1 m
	7.5 m	kg					*6 890	*6 890					*6 680	6 080	5.5 m
	6 m	kg					*7 210	*7 210	*6 880	5 220			*6 230	4 300	6.7 m
	4.5 m	kg					*8 700	7 930	*7 430	5 070			5 630	3 550	7.5 m
	3 m	kg					*10 880	7 350	7 810	4 820	5 510	3 450	5 100	3 190	7.9 m
	1.5 m	kg					11 930	6 850	7 540	4 580	5 390	3 340	4 920	3 050	8.0 m
	0 m	kg					11 630	6 600	7 350	4 420	5 300	3 260	5 040	3 100	7.8 m
	-1.5 m	kg			*11 650	*11 650	11 570	6 550	7 290	4 360			5 530	3 380	7.3 m
	-3.0 m	kg			*15 910	12 960	11 670	6 630	7 350	4 420			6 750	4 100	6.4 m
	-4.5 m	kg			*11 740	*11 740	*8 570	6 900					*7 760	6 190	4.9 m
Boom: 5.7mGP Arm: 2.9m Shoe: 600mm CWT: 6200kg	9 m	kg											*5 830	*5 830	4.0 m
	7.5 m	kg					*6 150	*6 150	*4 920	*4 920			*4 830	*4 830	6.0 m
	6 m	kg					*6 530	*6 530	*6 380	5 290			*4 530	3 890	7.2 m
	4.5 m	kg			*10 230	*10 230	*8 010	*8 010	*7 000	5 120	5 650	3 570	*4 490	3 270	7.9 m
	3 m	kg					*10 230	7 470	7 860	4 860	5 530	3 460	*4 650	2 960	8.3 m
	1.5 m	kg					12 020	6 920	7 570	4 600	5 390	3 330	4 580	2 830	8.4 m
	0 m	kg					11 640	6 610	7 350	4 410	5 280	3 230	4 670	2 870	8.2 m
	-1.5 m	kg	*6 750	*6 750	*10 980	*10 980	11 520	6 510	7 250	4 320	5 240	3 200	5 060	3 090	7.7 m
	-3.0 m	kg	*11 760	*11 760	*17 000	12 790	11 580	6 550	7 270	4 350			6 020	3 660	6.8 m
	-4.5 m	kg			*13 310	13 160	*9 670	6 760					*7 590	5 120	5.5 m
Boom: 5.7mGP Arm: 2.5m Shoe: 600mm CWT: 6200kg Dozer blade down	9 m	kg			*8 380	*8 380							*8 380	*8 380	3.1 m
	7.5 m	kg					*6 890	*6 890					*6 680	*6 680	5.5 m
	6 m	kg					*7 210	*7 210	*6 880	5 790			*6 230	4 790	6.7 m
	4.5 m	kg					*8 700	*8 700	*7 430	5 640			*6 200	3 970	7.5 m
	3 m	kg					*10 880	8 220	*8 380	5 390	*7 220	3 860	*6 460	3 580	7.9 m
	1.5 m	kg					*12 700	7 720	*9 290	5 150	*7 610	3 750	*7 010	3 430	8.0 m
	0 m	kg					*13 390	7 470	*9 820	4 980	*7 790	3 670	*7 490	3 500	7.8 m
	-1.5 m	kg			*11 650	*11 650	*13 040	7 410	*9 720	4 920			*7 740	3 810	7.3 m
	-3.0 m	kg			*15 910	14 810	*11 700	7 500	*8 660	4 980			*7 950	4 610	6.4 m
	-4.5 m	kg			*11 740	*11 740	*8 570	7 770					*7 760	6 970	4.9 m
Boom: 5.7mGP Arm: 2.9m Shoe: 600mm CWT: 6200kg Dozer blade down	9 m	kg											*5 830	*5 830	4.0 m
	7.5 m	kg					*6 150	*6 150	*4 920	*4 920			*4 830	*4 830	6.0 m
	6 m	kg					*6 530	*6 530	*6 380	5 860			*4 530	4 330	7.2 m
	4.5 m	kg			*10 230	*10 230	*8 010	*8 010	*7 000	5 690	*6 170	3 990	*4 490	3 660	7.9 m
	3 m	kg					*10 230	8 350	*8 000	5 430	*6 940	3 880	*4 650	3 320	8.3 m
	1.5 m	kg					*12 250	7 790	*9 020	5 170	*7 410	3 750	*4 990	3 190	8.4 m
	0 m	kg					*13 250	7 470	*9 680	4 970	*7 720	3 650	*5 610	3 240	8.2 m
	-1.5 m	kg	*6 750	*6 750	*10 980	*10 980	*13 190	7 370	*9 770	4 880	*7 580	3 610	*6 740	3 500	7.7 m
	-3.0 m	kg	*11 760	*11 760	*17 000	14 640	*12 150	7 420	*9 040	4 910			*7 560	4 120	6.8 m
	-4.5 m	kg			*13 310	*13 310	*9 670	7 620					*7 590	5 770	5.5 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.

LIFTING CAPACITY - ECR255 L

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 fit from the following values.

	Lifting point		1.5 m		3 m		4.5 m		6.0 m		7.5 m		Max. reach		
			Along UC	Across UC	Along UC	Across UC	Max. m								
Boom: 5.76m 2 piece boom Arm: 2.5m Shoe: 600mm CWT: 6200kg	9 m	kg			*9 840	*9 840							*8 670	*8 670	3.6 m
	7.5 m	kg			*8 290	*8 290	*8 730	8 410					*6 830	5 530	5.7 m
	6 m	kg			*7 680	*7 680	*8 800	8 270	8 240	5 150			*6 280	4 000	6.9 m
	4.5 m	kg					*11 340	7 820	8 050	4 980	5 580	3 470	5 370	3 330	7.7 m
	3 m	kg					12 430	7 200	7 760	4 730	5 470	3 380	4 890	3 010	8.1 m
	1.5 m	kg					11 830	6 690	7 480	4 490	5 360	3 270	4 730	2 890	8.1 m
	0 m	kg					11 570	6 480	7 310	4 330	5 280	3 200	4 860	2 960	8.0 m
	-1.5 m	kg			*9 780	*9 780	*10 700	6 470	7 270	4 300			5 330	3 230	7.5 m
	-3.0 m	kg					*7 710	6 600	*5 820	4 390					6.6 m
Boom: 5.76m 2 piece boom Arm: 2.9m Shoe: 600mm CWT: 6200kg	9 m	kg			*7 890	*7 890							*5 990	*5 990	4.4 m
	7.5 m	kg					*7 010	*7 010	*5 930	5 220			*4 920	4 790	6.3 m
	6 m	kg			*6 060	*6 060	*7 010	*7 010	*7 170	5 220			*4 550	3 620	7.4 m
	4.5 m	kg			*9 910	*9 910	*9 130	7 960	8 110	5 040	5 620	3 500	*4 440	3 060	8.1 m
	3 m	kg					*12 360	7 320	7 810	4 770	5 490	3 390	*4 520	2 780	8.5 m
	1.5 m	kg					11 920	6 760	7 510	4 500	5 350	3 260	4 400	2 680	8.5 m
	0 m	kg					11 570	6 480	7 300	4 320	5 250	3 170	4 500	2 730	8.4 m
	-1.5 m	kg			*9 410	*9 410	*11 330	6 410	7 230	4 250	5 230	3 150	4 880	2 960	7.9 m
	-3.0 m	kg					*8 660	6 510	*6 620	4 310			*4 660	3 490	7.1 m
Boom: 5.76m 2 piece boom Arm: 2.5m Shoe: 600mm CWT: 6200kg Dozer blade down	9 m	kg			*9 840	*9 840							*8 670	*8 670	3.6 m
	7.5 m	kg			*8 290	*8 290	*8 730	*8 730					*6 830	6 150	5.7 m
	6 m	kg			*7 680	*7 680	*8 800	*8 800	*8 660	5 730			*6 280	4 470	6.9 m
	4.5 m	kg					*11 340	8 710	*9 040	5 560	*7 290	3 890	*6 140	3 740	7.7 m
	3 m	kg					*12 760	8 080	*9 570	5 300	*7 760	3 800	*6 280	3 390	8.1 m
	1.5 m	kg					*13 350	7 570	*9 840	5 050	*7 710	3 690	*6 680	3 270	8.1 m
	0 m	kg					*12 570	7 350	*9 490	4 900	*7 210	3 620	*6 450	3 340	8.0 m
	-1.5 m	kg			*9 780	*9 780	*10 700	7 340	*8 290	4 860			*5 810	3 660	7.5 m
	-3.0 m	kg					*7 710	7 480	*5 820	4 960					6.6 m
Boom: 5.76m 2 piece boom Arm: 2.9m Shoe: 600mm CWT: 6200kg Dozer blade down	9 m	kg			*7 890	*7 890							*5 990	*5 990	4.4 m
	7.5 m	kg					*7 010	*7 010	*5 930	5 800			*4 920	*4 920	6.3 m
	6 m	kg			*6 060	*6 060	*7 010	*7 010	*7 170	5 800			*4 550	4 050	7.4 m
	4.5 m	kg			*9 910	*9 910	*9 130	8 850	*8 480	5 610	*6 780	3 920	*4 440	3 440	8.1 m
	3 m	kg					*12 360	8 210	*9 360	5 340	*7 660	3 810	*4 520	3 140	8.5 m
	1.5 m	kg					*13 270	7 640	*9 770	5 070	*7 710	3 680	*4 760	3 030	8.5 m
	0 m	kg					*12 890	7 350	*9 610	4 890	*7 400	3 590	*5 240	3 090	8.4 m
	-1.5 m	kg			*9 410	*9 410	*11 330	7 280	*8 660	4 820	*6 370	3 570	*5 610	3 350	7.9 m
	-3.0 m	kg					*8 660	7 380	*6 620	4 870			*4 660	3 940	7.1 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 - ECR255 L

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 fit from the following values.

	Lifting point	kg	1.5 m		3 m		4.5 m		6.0 m		7.5 m		Max. reach		
			Along UC	Across UC	Along UC	Across UC	Max. m								
Boom: 5.7 m GP Arm: 2.5 m Shoe: 700 mm CWT: 6200 kg	9 m	kg			*8 380	*8 380							*8 380	*8 380	3.1 m
	7.5 m	kg					*6 890	*6 890					*6 680	6 150	5.5 m
	6 m	kg					*7 210	*7 210	*6 880	5 280			*6 230	4 350	6.7 m
	4.5 m	kg					*8 700	8 020	*7 430	5 130			5 710	3 600	7.5 m
	3 m	kg					*10 880	7 430	7 910	4 880	5 580	3 490	5 170	3 230	7.9 m
	1.5 m	kg					12 080	6 930	7 640	4 640	5 460	3 380	4 990	3 090	8.0 m
	0 m	kg					11 780	6 690	7 450	4 480	5 370	3 300	5 110	3 140	7.8 m
	-1.5 m	kg			*11 650	*11 650	11 720	6 640	7 380	4 420			5 600	3 430	7.3 m
	-3.0 m	kg			*15 910	13 120	*11 700	6 720	7 450	4 480			6 840	4 150	6.4 m
	-4.5 m	kg			*11 740	*11 740	*8 570	6 980					*7 760	6 270	4.9 m
Boom: 5.7 m GP Arm: 2.9 m Shoe: 700 mm CWT: 6200 kg	9 m	kg											*5 830	*5 830	4.0 m
	7.5 m	kg					*6 150	*6 150	*4 920	*4 920			*4 830	*4 830	6.0 m
	6 m	kg					*6 530	*6 530	*6 380	5 350			*4 530	3 940	7.2 m
	4.5 m	kg			*10 230	*10 230	*8 010	*8 010	*7 000	5 180	5 720	3 610	*4 490	3 310	7.9 m
	3 m	kg					*10 230	7 550	7 960	4 920	5 600	3 500	*4 650	3 000	8.3 m
	1.5 m	kg					12 170	7 000	7 660	4 660	5 460	3 380	4 640	2 870	8.4 m
	0 m	kg					11 800	6 690	7 450	4 470	5 350	3 280	4 730	2 910	8.2 m
	-1.5 m	kg	*6 750	*6 750	*10 980	*10 980	11 680	6 590	7 350	4 380	5 310	3 240	5 130	3 140	7.7 m
	-3.0 m	kg	*11 760	*11 760	*17 000	12 950	11 730	6 640	7 370	4 400			6 100	3 710	6.8 m
	-4.5 m	kg			*13 310	*13 310	*9 670	6 840					*7 590	5 190	5.5 m
Boom: 5.7 m GP Arm: 2.5 m Shoe: 700 mm CWT: 6200 kg Dozer blade down	9 m	kg			*8 380	*8 380							*8 380	*8 380	3.1 m
	7.5 m	kg					*6 890	*6 890					*6 680	*6 680	5.5 m
	6 m	kg					*7 210	*7 210	*6 880	5 790			*6 230	4 790	6.7 m
	4.5 m	kg					*8 700	*8 700	*7 430	5 640			*6 200	3 970	7.5 m
	3 m	kg					*10 880	8 220	*8 380	5 390	*7 220	3 860	*6 460	3 580	7.9 m
	1.5 m	kg					*12 700	7 720	*9 290	5 150	*7 610	3 750	*7 010	3 430	8.0 m
	0 m	kg					*13 390	7 470	*9 820	4 980	*7 790	3 670	*7 490	3 500	7.8 m
	-1.5 m	kg			*11 650	*11 650	*13 040	7 410	*9 720	4 920			*7 740	3 810	7.3 m
	-3.0 m	kg			*15 910	14 810	*11 700	7 500	*8 660	4 980			*7 950	4 610	6.4 m
	-4.5 m	kg			*11 740	*11 740	*8 570	7 770					*7 760	6 970	4.9 m
Boom: 5.7 m GP Arm: 2.9 m Shoe: 700 mm CWT: 6200 kg Dozer blade down	9 m	kg											*5 830	*5 830	4.0 m
	7.5 m	kg					*6 150	*6 150	*4 920	*4 920			*4 830	*4 830	6.0 m
	6 m	kg					*6 530	*6 530	*6 380	5 920			*4 530	4 380	7.2 m
	4.5 m	kg			*10 230	*10 230	*8 010	*8 010	*7 000	5 750	*6 170	4 030	*4 490	3 700	7.9 m
	3 m	kg					*10 230	8 440	*8 000	5 490	*6 940	3 920	*4 650	3 360	8.3 m
	1.5 m	kg					*12 250	7 880	*9 020	5 230	*7 410	3 800	*4 990	3 230	8.4 m
	0 m	kg					*13 250	7 560	*9 680	5 040	*7 720	3 700	*5 610	3 280	8.2 m
	-1.5 m	kg	*6 750	*6 750	*10 980	*10 980	*13 190	7 460	*9 770	4 950	*7 580	3 660	*6 740	3 540	7.7 m
	-3.0 m	kg	*11 760	*11 760	*17 000	14 820	*12 150	7 510	*9 040	4 970			*7 560	4 180	6.8 m
	-4.5 m	kg			*13 310	*13 310	*9 670	7 720					*7 590	5 840	5.5 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.

LIFTING CAPACITY - ECR255 L

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 fit from the following values.

	Lifting point	kg	1.5 m		3 m		4.5 m		6.0 m		7.5 m		Max. reach			
			Along UC	Across UC	Along UC	Across UC	Max. m									
Boom: 5.76 m 2 piece boom Arm: 2.5 m Shoe: 700 mm CWT: 6200 kg	9 m	kg			*9 840	*9 840							*8 670	*8 670	3.6 m	
	7.5 m	kg			*8 290	*8 290	*8 730	8 500					*6 830	5 600	5.7 m	
	6 m	kg			*7 680	*7 680	*8 800	8 350	8 340	5 210			*6 280	4 050	6.9 m	
	4.5 m	kg					*11 340	7 900	8 140	5 040	5 650	3 510	5 440	3 380	7.7 m	
	3 m	kg					12 580	7 280	7 850	4 790	5 550	3 420	4 950	3 050	8.1 m	
	1.5 m	kg					11 980	6 780	7 580	4 540	5 430	3 310	4 800	2 930	8.1 m	
	0 m	kg					11 730	6 570	7 410	4 390	5 350	3 240	4 920	3 000	8.0 m	
	-1.5 m	kg			*9 780	*9 780	*10 700	6 560	7 370	4 360				5 400	3 280	7.5 m
	-3.0 m	kg					*7 710	6 690	*5 820	4 450						6.6 m
Boom: 5.76 m 2 piece boom Arm: 2.9 m Shoe: 700 mm CWT: 6200 kg	9 m	kg			*7 890	*7 890							*5 990	*5 990	4.4 m	
	7.5 m	kg					*7 010	*7 010	*5 930	5 280			*4 920	4 850	6.3 m	
	6 m	kg			*6 060	*6 060	*7 010	*7 010	*7 170	5 280			*4 550	3 660	7.4 m	
	4.5 m	kg			*9 910	*9 910	*9 130	8 040	8 210	5 100	5 690	3 550	*4 440	3 100	8.1 m	
	3 m	kg					*12 360	7 410	7 910	4 830	5 560	3 430	*4 520	2 820	8.5 m	
	1.5 m	kg					12 070	6 850	7 610	4 560	5 420	3 310	4 460	2 720	8.5 m	
	0 m	kg					11 730	6 560	7 400	4 380	5 320	3 220	4 560	2 770	8.4 m	
	-1.5 m	kg			*9 410	*9 410	*11 330	6 500	7 330	4 310	5 300	3 190	4 950	3 000	7.9 m	
	-3.0 m	kg					*8 660	6 590	*6 620	4 370			*4 660	3 540	7.1 m	
Boom: 5.76 m 2 piece boom Arm: 2.5 m Shoe: 700 mm CWT: 6200 kg Dozer blade down	9 m	kg			*9 840	*9 840							*8 670	*8 670	3.6 m	
	7.5 m	kg			*8 290	*8 290	*8 730	*8 730					*6 830	6 220	5.7 m	
	6 m	kg			*7 680	*7 680	*8 800	*8 800	*8 660	5 790			*6 280	4 520	6.9 m	
	4.5 m	kg					*11 340	8 800	*9 040	5 620	*7 290	3 940	*6 140	3 790	7.7 m	
	3 m	kg					*12 760	8 170	*9 570	5 360	*7 760	3 840	*6 280	3 430	8.1 m	
	1.5 m	kg					*13 350	7 660	*9 840	5 110	*7 710	3 730	*6 680	3 310	8.1 m	
	0 m	kg					*12 570	7 440	*9 490	4 960	*7 210	3 660	*6 450	3 390	8.0 m	
	-1.5 m	kg			*9 780	*9 780	*10 700	7 430	*8 290	4 930			*5 810	3 700	7.5 m	
	-3.0 m	kg					*7 710	7 570	*5 820	5 020					6.6 m	
Boom: 5.76 m 2 piece boom Arm: 2.9 m Shoe: 700 mm CWT: 6200 kg Dozer blade down	9 m	kg			*7 890	*7 890							*5 990	*5 990	4.4 m	
	7.5 m	kg					*7 010	*7 010	*5 930	5 860			*4 920	*4 920	6.3 m	
	6 m	kg			*6 060	*6 060	*7 010	*7 010	*7 170	5 860			*4 550	4 090	7.4 m	
	4.5 m	kg			*9 910	*9 910	*9 130	8 940	*8 480	5 680	*6 780	3 970	*4 440	3 490	8.1 m	
	3 m	kg					*12 360	8 300	*9 360	5 400	*7 660	3 860	*4 520	3 180	8.5 m	
	1.5 m	kg					*13 270	7 730	*9 770	5 130	*7 710	3 730	*4 760	3 070	8.5 m	
	0 m	kg					*12 890	7 440	*9 610	4 950	*7 400	3 640	*5 240	3 130	8.4 m	
	-1.5 m	kg			*9 410	*9 410	*11 330	7 380	*8 660	4 880	*6 370	3 620	*5 610	3 390	7.9 m	
	-3.0 m	kg					*8 660	7 470	*6 620	4 940			*4 660	3 990	7.1 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 - ECR255 L

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 fit from the following values.

	Lifting point		1.5 m		3 m		4.5 m		6.0 m		7.5 m		Max. reach		
			Along UC	Across UC	Along UC	Across UC	Max. m								
Boom : 5.7 m GP Arm : 2.5 m Shoe : 800 mm CWT : 6 200 kg	9 m	kg			*8 380	*8 380							*8 380	*8 380	3.1 m
	7.5 m	kg					*6 890	*6 890					*6 680	6 210	5.5 m
	6 m	kg					*7 210	*7 210	*6 880	5 340			*6 230	4 400	6.7 m
	4.5 m	kg					*8 700	8 100	*7 430	5 180			5 780	3 640	7.5 m
	3 m	kg					*10 880	7 520	8 000	4 940	5 650	3 530	5 240	3 270	7.9 m
	1.5 m	kg					12 230	7 020	7 730	4 700	5 530	3 420	5 050	3 130	8.0 m
	0 m	kg					11 930	6 770	7 550	4 540	5 440	3 340	5 170	3 180	7.8 m
	-1.5 m	kg			*11 650	*11 650	11 870	6 720	7 480	4 480			5 680	3 470	7.3 m
	-3.0 m	kg			*15 910	13 280	*11 700	6 800	7 540	4 530			6 930	4 200	6.4 m
-4.5 m	kg			*11 740	*11 740	*8 570	7 070					*7 760	6 350	4.9 m	
Boom : 5.7 m GP Arm : 2.9 m Shoe : 800 mm CWT : 6 200 kg	9 m	kg											*5 830	*5 830	4.0 m
	7.5 m	kg					*6 150	*6 150	*4 920	*4 920			*4 830	*4 830	6.0 m
	6 m	kg					*6 530	*6 530	*6 380	5 400			*4 530	3 980	7.2 m
	4.5 m	kg			*10 230	*10 230	*8 010	*8 010	*7 000	5 240	5 790	3 660	*4 490	3 350	7.9 m
	3 m	kg					*10 230	7 640	*8 000	4 980	5 670	3 550	*4 650	3 030	8.3 m
	1.5 m	kg					*12 250	7 090	7 760	4 720	5 530	3 420	4 700	2 910	8.4 m
	0 m	kg					11 950	6 780	7 540	4 530	5 420	3 320	4 790	2 950	8.2 m
	-1.5 m	kg	*6 750	*6 750	*10 980	*10 980	11 820	6 680	7 440	4 440	5 380	3 280	5 200	3 180	7.7 m
	-3.0 m	kg	*11 760	*11 760	*17 000	13 110	11 880	6 720	7 470	4 460			6 180	3 750	6.8 m
-4.5 m	kg			*13 310	*13 310	*9 670	6 930					*7 590	5 260	5.5 m	
Boom : 5.7 m GP Arm : 2.5 m Shoe : 800 mm CWT : 6 200 kg Dozer blade down	9 m	kg			*8 380	*8 380							*8 380	*8 380	3.1 m
	7.5 m	kg					*6 890	*6 890					*6 680	*6 680	5.5 m
	6 m	kg					*7 210	*7 210	*6 880	5 920			*6 230	4 900	6.7 m
	4.5 m	kg					*8 700	*8 700	*7 430	5 760			*6 200	4 060	7.5 m
	3 m	kg					*10 880	8 410	*8 380	5 510	*7 220	3 960	*6 460	3 670	7.9 m
	1.5 m	kg					*12 700	7 900	*9 290	5 270	*7 610	3 840	*7 010	3 520	8.0 m
	0 m	kg					*13 390	7 650	*9 820	5 110	*7 790	3 760	*7 490	3 590	7.8 m
	-1.5 m	kg			*11 650	*11 650	*13 040	7 600	*9 720	5 040			*7 740	3 910	7.3 m
	-3.0 m	kg			*15 910	15 160	*11 700	7 680	*8 660	5 100			*7 950	4 730	6.4 m
-4.5 m	kg			*11 740	*11 740	*8 570	7 950					*7 760	7 130	4.9 m	
Boom : 5.7 m GP Arm : 2.9 m Shoe : 800 mm CWT : 6 200 kg Dozer blade down	9 m	kg											*5 830	*5 830	4.0 m
	7.5 m	kg					*6 150	*6 150	*4 920	*4 920			*4 830	*4 830	6.0 m
	6 m	kg					*6 530	*6 530	*6 380	5 980			*4 530	4 430	7.2 m
	4.5 m	kg			*10 230	*10 230	*8 010	*8 010	*7 000	5 810	*6 170	4 080	*4 490	3 750	7.9 m
	3 m	kg					*10 230	8 530	*8 000	5 550	*6 940	3 970	*4 650	3 400	8.3 m
	1.5 m	kg					*12 250	7 970	*9 020	5 290	*7 410	3 840	*4 990	3 270	8.4 m
	0 m	kg					*13 250	7 650	*9 680	5 100	*7 720	3 740	*5 610	3 320	8.2 m
	-1.5 m	kg	*6 750	*6 750	*10 980	*10 980	*13 190	7 550	*9 770	5 010	*7 580	3 700	*6 740	3 590	7.7 m
	-3.0 m	kg	*11 760	*11 760	*17 000	14 990	*12 150	7 600	*9 040	5 030			*7 560	4 230	6.8 m
-4.5 m	kg			*13 310	*13 310	*9 670	7 810					*7 590	5 910	5.5 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.

LIFTING CAPACITY - ECR255 L

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 fit from the following values.

	Lifting point		1.5 m		3 m		4.5 m		6.0 m		7.5 m		Max. reach			
			Along UC	Across UC	Along UC	Across UC	Max. m									
Boom : 5.76 m 2 piece boom Arm : 2.5 m Shoe : 800 mm CWT : 6 200 kg	9 m	kg			*9 840	*9 840							*8 670	*8 670	3.6 m	
	7.5 m	kg			*8 290	*8 290	*8 730	8 580					*6 830	5 660	5.7 m	
	6 m	kg			*7 680	*7 680	*8 800	8 440	8 430	5 270			*6 280	4 100	6.9 m	
	4.5 m	kg					*11 340	7 990	8 240	5 100	5 720	3 560	5 500	3 420	7.7 m	
	3 m	kg					12 730	7 370	7 950	4 840	5 620	3 460	5 020	3 090	8.1 m	
	1.5 m	kg					12 130	6 860	7 680	4 600	5 500	3 360	4 860	2 970	8.1 m	
	0 m	kg					11 870	6 650	7 510	4 450	5 420	3 290	4 990	3 040	8.0 m	
	-1.5 m	kg			*9 780	*9 780	*10 700	6 640	7 460	4 410				5 480	3 320	7.5 m
	-3.0 m	kg					*7 710	6 770	*5 820	4 510						6.6 m
Boom : 5.76 m 2 piece boom Arm : 2.9 m Shoe : 800 mm CWT : 6 200 kg	9 m	kg			*7 890	*7 890							*5 990	*5 990	4.4 m	
	7.5 m	kg					*7 010	*7 010	*5 930	5 340			*4 920	4 900	6.3 m	
	6 m	kg			*6 060	*6 060	*7 010	*7 010	*7 170	5 340			*4 550	3 710	7.4 m	
	4.5 m	kg			*9 910	*9 910	*9 130	8 130	8 310	5 150	5 760	3 590	*4 440	3 140	8.1 m	
	3 m	kg					*12 360	7 490	8 000	4 880	5 630	3 480	*4 520	2 860	8.5 m	
	1.5 m	kg					12 220	6 930	7 700	4 620	5 500	3 350	4 520	2 760	8.5 m	
	0 m	kg					11 880	6 650	7 500	4 440	5 390	3 260	4 620	2 810	8.4 m	
	-1.5 m	kg			*9 410	*9 410	*11 330	6 580	7 420	4 370	5 370	3 240	5 020	3 040	7.9 m	
	-3.0 m	kg					*8 660	6 680	*6 620	4 430			*4 660	3 580	7.1 m	
Boom : 5.76 m 2 piece boom Arm : 2.5 m Shoe : 800 mm CWT : 6 200 kg Dozer blade down	9 m	kg			*9 840	*9 840							*8 670	*8 670	3.6 m	
	7.5 m	kg			*8 290	*8 290	*8 730	*8 730					*6 830	6 280	5.7 m	
	6 m	kg			*7 680	*7 680	*8 800	*8 800	*8 660	5 850			*6 280	4 570	6.9 m	
	4.5 m	kg					*11 340	8 890	*9 040	5 680	*7 290	3 980	*6 140	3 830	7.7 m	
	3 m	kg					*12 760	8 260	*9 570	5 420	*7 760	3 890	*6 280	3 480	8.1 m	
	1.5 m	kg					*13 350	7 750	*9 840	5 180	*7 710	3 780	*6 680	3 350	8.1 m	
	0 m	kg					*12 570	7 530	*9 490	5 020	*7 210	3 710	*6 450	3 430	8.0 m	
	-1.5 m	kg			*9 780	*9 780	*10 700	7 520	*8 290	4 990			*5 810	3 750	7.5 m	
	-3.0 m	kg					*7 710	7 660	*5 820	5 080					6.6 m	
Boom : 5.76 m 2 piece boom Arm : 2.9 m Shoe : 800 mm CWT : 6 200 kg Dozer blade down	9 m	kg			*7 890	*7 890							*5 990	*5 990	4.4 m	
	7.5 m	kg					*7 010	*7 010	*5 930	5 920			*4 920	*4 920	6.3 m	
	6 m	kg			*6 060	*6 060	*7 010	*7 010	*7 170	5 920			*4 550	4 140	7.4 m	
	4.5 m	kg			*9 910	*9 910	*9 130	9 030	*8 480	5 740	*6 780	4 020	*4 440	3 530	8.1 m	
	3 m	kg					*12 360	8 390	*9 360	5 460	*7 660	3 900	*4 520	3 220	8.5 m	
	1.5 m	kg					*13 270	7 820	*9 770	5 190	*7 710	3 770	*4 760	3 110	8.5 m	
	0 m	kg					*12 890	7 530	*9 610	5 010	*7 400	3 680	*5 240	3 170	8.4 m	
	-1.5 m	kg			*9 410	*9 410	*11 330	7 470	*8 660	4 940	*6 370	3 660	*5 610	3 430	7.9 m	
	-3.0 m	kg					*8 660	7 560	*6 620	5 000			*4 660	4 040	7.1 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 - ECR255 L

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 fit from the following values.

	Lifting point	kg	1.5 m		3 m		4.5 m		6.0 m		7.5 m		Max. reach		
			Along UC	Across UC	Along UC	Across UC	Max. m								
Boom : 5.7 m GP Arm : 2.5 m Shoe: 600 mm CWT: 6 200 kg	9 m	kg			*8 380	*8 380							*8 380	*8 380	3.1 m
	7.5 m	kg					*6 890	*6 890					*6 680	6 080	5.5 m
	6 m	kg					*7 210	*7 210	*6 880	5 220			*6 230	4 300	6.7 m
	4.5 m	kg					*8 700	7 930	*7 430	5 070			5 630	3 550	7.5 m
	3 m	kg					*10 880	7 350	7 810	4 820	5 510	3 450	5 100	3 190	7.9 m
	1.5 m	kg					11 930	6 850	7 540	4 580	5 390	3 340	4 920	3 050	8.0 m
	0 m	kg					11 630	6 600	7 350	4 420	5 300	3 260	5 040	3 100	7.8 m
	-1.5 m	kg			*11 650	*11 650	11 570	6 550	7 290	4 360			5 530	3 380	7.3 m
	-3.0 m	kg			*15 910	12 960	11 670	6 630	7 350	4 420			6 750	4 100	6.4 m
-4.5 m	kg			*11 740	*11 740	*8 570	6 900					*7 760	6 190	4.9 m	
Boom : 5.7 m GP Arm : 2.9 m Shoe: 600 mm CWT: 6 200 kg	9 m	kg											*5 830	*5 830	4.0 m
	7.5 m	kg					*6 150	*6 150	*4 920	*4 920			*4 830	*4 830	6.0 m
	6 m	kg					*6 530	*6 530	*6 380	5 290			*4 530	3 890	7.2 m
	4.5 m	kg			*10 230	*10 230	*8 010	*8 010	*7 000	5 120	5 650	3 570	*4 490	3 270	7.9 m
	3 m	kg					*10 230	7 470	7 860	4 860	5 530	3 460	*4 650	2 960	8.3 m
	1.5 m	kg					12 020	6 920	7 570	4 600	5 390	3 330	4 580	2 830	8.4 m
	0 m	kg					11 640	6 610	7 350	4 410	5 280	3 230	4 670	2 870	8.2 m
	-1.5 m	kg	*6 750	*6 750	*10 980	*10 980	11 520	6 510	7 250	4 320	5 240	3 200	5 060	3 090	7.7 m
	-3.0 m	kg	*11 760	*11 760	*17 000	12 790	11 580	6 550	7 270	4 350			6 020	3 660	6.8 m
-4.5 m	kg			*13 310	13 160	*9 670	6 760					*7 590	5 120	5.5 m	
Boom : 5.7 m GP Arm : 2.5 m Shoe: 600 mm CWT: 6 200 kg Dozer blade down	9 m	kg			*8 380	*8 380							*8 380	*8 380	3.1 m
	7.5 m	kg					*6 890	*6 890					*6 680	*6 680	5.5 m
	6 m	kg					*7 210	*7 210	*6 880	5 790			*6 230	4 790	6.7 m
	4.5 m	kg					*8 700	*8 700	*7 430	5 640			*6 200	3 970	7.5 m
	3 m	kg					*10 880	8 220	*8 380	5 390	*7 220	3 860	*6 460	3 580	7.9 m
	1.5 m	kg					*12 700	7 720	*9 290	5 150	*7 610	3 750	*7 010	3 430	8.0 m
	0 m	kg					*13 390	7 470	*9 820	4 980	*7 790	3 670	*7 490	3 500	7.8 m
	-1.5 m	kg			*11 650	*11 650	*13 040	7 410	*9 720	4 920			*7 740	3 810	7.3 m
	-3.0 m	kg			*15 910	14 810	*11 700	7 500	*8 660	4 980			*7 950	4 610	6.4 m
-4.5 m	kg			*11 740	*11 740	*8 570	7 770					*7 760	6 970	4.9 m	
Boom : 5.7 m GP Arm : 2.9 m Shoe: 600 mm CWT: 6 200 kg Dozer blade down	9 m	kg											*5 830	*5 830	4.0 m
	7.5 m	kg					*6 150	*6 150	*4 920	*4 920			*4 830	*4 830	6.0 m
	6 m	kg					*6 530	*6 530	*6 380	5 860			*4 530	4 330	7.2 m
	4.5 m	kg			*10 230	*10 230	*8 010	*8 010	*7 000	5 690	*6 170	3 990	*4 490	3 660	7.9 m
	3 m	kg					*10 230	8 350	*8 000	5 430	*6 940	3 880	*4 650	3 320	8.3 m
	1.5 m	kg					*12 250	7 790	*9 020	5 170	*7 410	3 750	*4 990	3 190	8.4 m
	0 m	kg					*13 250	7 470	*9 680	4 970	*7 720	3 650	*5 610	3 240	8.2 m
	-1.5 m	kg	*6 750	*6 750	*10 980	*10 980	*13 190	7 370	*9 770	4 880	*7 580	3 610	*6 740	3 500	7.7 m
	-3.0 m	kg	*11 760	*11 760	*17 000	14 640	*12 150	7 420	*9 040	4 910			*7 560	4 120	6.8 m
-4.5 m	kg			*13 310	*13 310	*9 670	7 620					*7 590	5 770	5.5 m	
Boom : 5.76 m 2piece boom Arm : 2.5 m Shoe: 600 mm CWT: 6 200 kg	9 m	kg			*9 840	*9 840							*8 670	*8 670	3.6 m
	7.5 m	kg			*8 290	*8 290	*8 730	8 410					*6 830	5 530	5.7 m
	6 m	kg			*7 680	*7 680	*8 800	8 270	8 240	5 150			*6 280	4 000	6.9 m
	4.5 m	kg					*11 340	7 820	8 050	4 980	5 580	3 470	5 370	3 330	7.7 m
	3 m	kg					12 430	7 200	7 760	4 730	5 470	3 380	4 890	3 010	8.1 m
	1.5 m	kg					11 830	6 690	7 480	4 490	5 360	3 270	4 730	2 890	8.1 m
	0 m	kg					11 570	6 480	7 310	4 330	5 280	3 200	4 860	2 960	8.0 m
	-1.5 m	kg			*9 780	*9 780	*10 700	6 470	7 270	4 300			5 330	3 230	7.5 m
	-3.0 m	kg					*7 710	6 600	*5 820	4 390					6.6 m
Boom : 5.76 m 2piece boom Arm : 2.9 m Shoe: 600 mm CWT: 6 200 kg	9 m	kg			*7 890	*7 890							*5 990	*5 990	4.4 m
	7.5 m	kg					*7 010	*7 010	*5 930	5 220			*4 920	4 790	6.3 m
	6 m	kg			*6 060	*6 060	*7 010	*7 010	*7 170	5 220			*4 550	3 620	7.4 m
	4.5 m	kg			*9 910	*9 910	*9 130	7 960	8 110	5 040	5 620	3 500	*4 440	3 060	8.1 m
	3 m	kg					*12 360	7 320	7 810	4 770	5 490	3 390	*4 520	2 780	8.5 m
	1.5 m	kg					11 920	6 760	7 510	4 500	5 350	3 260	4 400	2 680	8.5 m
	0 m	kg					11 570	6 480	7 300	4 320	5 250	3 170	4 500	2 730	8.4 m
	-1.5 m	kg			*9 410	*9 410	*11 330	6 410	7 230	4 250	5 230	3 150	4 880	2 960	7.9 m
	-3.0 m	kg					*8 660	6 510	*6 620	4 310			*4 660	3 490	7.1 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.

LIFTING CAPACITY - ECR255 L

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 fit from the following values.

	Lifting point	1.5 m		3 m		4.5 m		6.0 m		7.5 m		Max. reach			
		Along UC	Across UC	Along UC	Across UC	Max. m									
Boom : 5.76 m 2piece boom Arm : 2.5 m Shoe : 600 mm CWT : 6 200 kg Dozer blade down	9 m	kg			*9 840	*9 840							*8 670	*8 670	3.6 m
	7.5 m	kg			*8 290	*8 290	*8 730	*8 730					*6 830	6 150	5.7 m
	6 m	kg			*7 680	*7 680	*8 800	*8 800	*8 660	5 730			*6 280	4 470	6.9 m
	4.5 m	kg					*11 340	8 710	*9 040	5 560	*7 290	3 890	*6 140	3 740	7.7 m
	3 m	kg					*12 760	8 080	*9 570	5 300	*7 760	3 800	*6 280	3 390	8.1 m
	1.5 m	kg					*13 350	7 570	*9 840	5 050	*7 710	3 690	*6 680	3 270	8.1 m
	0 m	kg					*12 570	7 350	*9 490	4 900	*7 210	3 620	*6 450	3 340	8.0 m
	-1.5 m	kg			*9 780	*9 780	*10 700	7 340	*8 290	4 860			*5 810	3 660	7.5 m
	-3.0 m	kg					*7 710	7 480	*5 820	4 960					6.6 m
Boom : 5.76 m 2piece boom Arm : 2.9 m Shoe : 600 mm CWT : 6 200 kg Dozer blade down	9 m	kg			*7 890	*7 890							*5 990	*5 990	4.4 m
	7.5 m	kg					*7 010	*7 010	*5 930	5 800			*4 920	*4 920	6.3 m
	6 m	kg			*6 060	*6 060	*7 010	*7 010	*7 170	5 800			*4 550	4 050	7.4 m
	4.5 m	kg			*9 910	*9 910	*9 130	8 850	*8 480	5 610	*6 780	3 920	*4 440	3 440	8.1 m
	3 m	kg					*12 360	8 210	*9 360	5 340	*7 660	3 810	*4 520	3 140	8.5 m
	1.5 m	kg					*13 270	7 640	*9 770	5 070	*7 710	3 680	*4 760	3 030	8.5 m
	0 m	kg					*12 890	7 350	*9 610	4 890	*7 400	3 590	*5 240	3 090	8.4 m
	-1.5 m	kg			*9 410	*9 410	*11 330	7 280	*8 660	4 820	*6 370	3 570	*5 610	3 350	7.9 m
	-3.0 m	kg					*8 660	7 380	*6 620	4 870			*4 660	3 940	7.1 m
Boom : 5.7 m GP Arm : 2.5 m Shoe : 600 mm CWT : 7 100 kg	9 m	kg			*8 380	*8 380							*8 380	*8 380	3.1 m
	7.5 m	kg					*6 890	*6 890					*6 680	6 560	5.5 m
	6 m	kg					*7 210	*7 210	*6 880	5 650			*6 230	4 670	6.7 m
	4.5 m	kg					*8 700	8 550	*7 430	5 490			6 060	3 870	7.5 m
	3 m	kg					*10 880	7 960	*8 380	5 250	5 930	3 770	5 500	3 490	7.9 m
	1.5 m	kg					*12 700	7 460	8 110	5 010	5 810	3 660	5 310	3 350	8.0 m
	0 m	kg					12 530	7 220	7 930	4 840	5 720	3 580	5 440	3 410	7.8 m
	-1.5 m	kg			*11 650	*11 650	12 460	7 170	7 860	4 780			5 970	3 710	7.3 m
	-3.0 m	kg			*15 910	14 120	*11 700	7 250	7 930	4 840			7 280	4 490	6.4 m
-4.5 m	kg			*11 740	*11 740	*8 570	7 520					*7 760	6 750	4.9 m	
Boom : 5.7 m GP Arm : 2.9 m Shoe : 600 mm CWT : 7 100 kg	9 m	kg											*5 830	*5 830	4.0 m
	7.5 m	kg					*6 150	*6 150	*4 920	*4 920			*4 830	*4 830	6.0 m
	6 m	kg					*6 530	*6 530	*6 380	5 710			*4 530	4 230	7.2 m
	4.5 m	kg			*10 230	*10 230	*8 010	*8 010	*7 000	5 540	6 070	3 890	*4 490	3 570	7.9 m
	3 m	kg					*10 230	8 080	*8 000	5 280	5 950	3 780	*4 650	3 240	8.3 m
	1.5 m	kg					*12 250	7 540	8 140	5 020	5 810	3 650	4 940	3 110	8.4 m
	0 m	kg					12 540	7 220	7 920	4 830	5 700	3 550	5 040	3 160	8.2 m
	-1.5 m	kg	*6 750	*6 750	*10 980	*10 980	12 420	7 120	7 820	4 750	5 660	3 520	5 470	3 410	7.7 m
	-3.0 m	kg	*11 760	*11 760	*17 000	13 950	*12 150	7 170	7 850	4 770			6 490	4 010	6.8 m
-4.5 m	kg			*13 310	*13 310	*9 670	7 370					*7 590	5 600	5.5 m	
Boom : 5.7 m GP Arm : 2.5 m Shoe : 600 mm CWT : 7 100 kg Dozer blade down	9 m	kg			*8 380	*8 380							*8 380	*8 380	3.1 m
	7.5 m	kg					*6 890	*6 890					*6 680	*6 680	5.5 m
	6 m	kg					*7 210	*7 210	*6 880	6 230			*6 230	5 170	6.7 m
	4.5 m	kg					*8 700	*8 700	*7 430	6 070			*6 200	4 300	7.5 m
	3 m	kg					*10 880	8 870	*8 380	5 830	*7 220	4 190	*6 460	3 890	7.9 m
	1.5 m	kg					*12 700	8 360	*9 290	5 580	*7 610	4 080	*7 010	3 740	8.0 m
	0 m	kg					*13 390	8 110	*9 820	5 420	*7 790	4 000	*7 490	3 810	7.8 m
	-1.5 m	kg			*11 650	*11 650	*13 040	8 060	*9 720	5 360			*7 740	4 160	7.3 m
	-3.0 m	kg			*15 910	*15 910	*11 700	8 140	*8 660	5 420			*7 950	5 020	6.4 m
-4.5 m	kg			*11 740	*11 740	*8 570	8 410					*7 760	7 540	4.9 m	
Boom : 5.7 m GP Arm : 2.9 m Shoe : 600 mm CWT : 7 100 kg Dozer blade down	9 m	kg											*5 830	*5 830	4.0 m
	7.5 m	kg					*6 150	*6 150	*4 920	*4 920			*4 830	*4 830	6.0 m
	6 m	kg					*6 530	*6 530	*6 380	6 300			*4 530	*4 530	7.2 m
	4.5 m	kg			*10 230	*10 230	*8 010	*8 010	*7 000	6 120	*6 170	4 320	*4 490	3 970	7.9 m
	3 m	kg					*10 230	8 990	*8 000	5 870	*6 940	4 210	*4 650	3 620	8.3 m
	1.5 m	kg					*12 250	8 430	*9 020	5 600	*7 410	4 080	*4 990	3 480	8.4 m
	0 m	kg					*13 250	8 110	*9 680	5 410	*7 720	3 980	*5 610	3 530	8.2 m
	-1.5 m	kg	*6 750	*6 750	*10 980	*10 980	*13 190	8 010	*9 770	5 320	*7 580	3 940	*6 740	3 820	7.7 m
	-3.0 m	kg	*11 760	*11 760	*17 000	15 860	*12 150	8 060	*9 040	5 340			*7 560	4 490	6.8 m
-4.5 m	kg			*13 310	*13 310	*9 670	8 270					*7 590	6 260	5.5 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 - ECR255 L

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 fit from the following values.

	Lifting point	kg	1.5 m		3 m		4.5 m		6.0 m		7.5 m		Max. reach		
			Along UC	Across UC	Along UC	Across UC	Max. m								
Boom : 5.76 m 2piece boom Arm : 2.5 m Shoe : 600 mm CWT : 7 100 kg	9 m	kg			*9 840	*9 840							*8 670	*8 670	3.6 m
	7.5 m	kg			*8 290	*8 290	*8 730	*8 730					*6 830	5 980	5.7 m
	6 m	kg			*7 680	*7 680	*8 800	*8 800	*8 660	5 570			*6 280	4 350	6.9 m
	4.5 m	kg					*11 340	8 440	8 620	5 400	6 000	3 790	5 780	3 640	7.7 m
	3 m	kg					*12 760	7 810	8 330	5 150	5 900	3 700	5 270	3 300	8.1 m
	1.5 m	kg					12 730	7 310	8 060	4 910	5 780	3 590	5 110	3 180	8.1 m
	0 m	kg					12 470	7 100	7 890	4 760	5 700	3 520	5 250	3 250	8.0 m
	-1.5 m	kg			*9 780	*9 780	*10 700	7 090	7 850	4 720			5 760	3 560	7.5 m
-3.0 m	kg					*7 710	7 220	*5 820	4 810					6.6 m	
Boom : 5.76 m 2piece boom Arm : 2.9 m Shoe : 600 mm CWT : 7 100 kg	9 m	kg			*7 890	*7 890							*5 990	*5 990	4.4 m
	7.5 m	kg					*7 010	*7 010	*5 930	5 640			*4 920	*4 920	6.3 m
	6 m	kg			*6 060	*6 060	*7 010	*7 010	*7 170	5 640			*4 550	3 940	7.4 m
	4.5 m	kg			*9 910	*9 910	*9 130	8 570	*8 480	5 460	6 040	3 820	*4 440	3 350	8.1 m
	3 m	kg					*12 360	7 940	8 380	5 190	5 910	3 710	*4 520	3 060	8.5 m
	1.5 m	kg					12 820	7 380	8 080	4 920	5 780	3 580	4 750	2 950	8.5 m
	0 m	kg					12 470	7 090	7 880	4 740	5 670	3 490	4 860	3 010	8.4 m
	-1.5 m	kg			*9 410	*9 410	*11 330	7 030	7 800	4 680	5 650	3 470	5 280	3 260	7.9 m
-3.0 m	kg					*8 660	7 130	*6 620	4 730			*4 660	3 830	7.1 m	
Boom : 5.76 m 2piece boom Arm : 2.5 m Shoe : 600 mm CWT : 7 100 kg Dozer blade down	9 m	kg			*9 840	*9 840							*8 670	*8 670	3.6 m
	7.5 m	kg			*8 290	*8 290	*8 730	*8 730					*6 830	6 610	5.7 m
	6 m	kg			*7 680	*7 680	*8 800	*8 800	*8 660	6 160			*6 280	4 830	6.9 m
	4.5 m	kg					*11 340	9 350	*9 040	5 990	*7 290	4 220	*6 140	4 060	7.7 m
	3 m	kg					*12 760	8 720	*9 570	5 730	*7 760	4 130	*6 280	3 690	8.1 m
	1.5 m	kg					*13 350	8 210	*9 840	5 490	*7 710	4 020	*6 680	3 570	8.1 m
	0 m	kg					*12 570	7 990	*9 490	5 340	*7 210	3 950	*6 450	3 650	8.0 m
	-1.5 m	kg			*9 780	*9 780	*10 700	7 980	*8 290	5 300			*5 810	3 990	7.5 m
-3.0 m	kg					*7 710	*7 710	*5 820	5 390					6.6 m	
Boom : 5.76 m 2piece boom Arm : 2.9 m Shoe : 600 mm CWT : 7 100 kg Dozer blade down	9 m	kg			*7 890	*7 890							*5 990	*5 990	4.4 m
	7.5 m	kg					*7 010	*7 010	*5 930	*5 930			*4 920	*4 920	6.3 m
	6 m	kg			*6 060	*6 060	*7 010	*7 010	*7 170	6 230			*4 550	4 380	7.4 m
	4.5 m	kg			*9 910	*9 910	*9 130	*9 130	*8 480	6 050	*6 780	4 250	*4 440	3 740	8.1 m
	3 m	kg					*12 360	8 850	*9 360	5 770	*7 660	4 140	*4 520	3 430	8.5 m
	1.5 m	kg					*13 270	8 280	*9 770	5 510	*7 710	4 010	*4 760	3 320	8.5 m
	0 m	kg					*12 890	7 990	*9 610	5 320	*7 400	3 920	*5 240	3 380	8.4 m
	-1.5 m	kg			*9 410	*9 410	*11 330	7 930	*8 660	5 260	*6 370	3 900	*5 610	3 660	7.9 m
-3.0 m	kg					*8 660	8 020	*6 620	5 310			*4 660	4 290	7.1 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.

LIFTING CAPACITY - ECR255 L

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 fit from the following values.

	Lifting point	1.5 m		3 m		4.5 m		6.0 m		7.5 m		Max. reach		
		Along UC	Across UC	Along UC	Across UC	Max. m								
Boom : 5.7 m GP Arm : 2.5 m Shoe: 700 mm CWT: 6 200 kg	9 m kg			*8 380	*8 380							*8 380	*8 380	3.1 m
	7.5 m kg					*6 890	*6 890					*6 680	6 150	5.5 m
	6 m kg					*7 210	*7 210	*6 880	5 280			*6 230	4 350	6.7 m
	4.5 m kg					*8 700	8 020	*7 430	5 130			5 710	3 600	7.5 m
	3 m kg					*10 880	7 430	7 910	4 880	5 580	3 490	5 170	3 230	7.9 m
	1.5 m kg					12 080	6 930	7 640	4 640	5 460	3 380	4 990	3 090	8.0 m
	0 m kg					11 780	6 690	7 450	4 480	5 370	3 300	5 110	3 140	7.8 m
	-1.5 m kg			*11 650	*11 650	11 720	6 640	7 380	4 420			5 600	3 430	7.3 m
	-3.0 m kg			*15 910	13 120	*11 700	6 720	7 450	4 480			6 840	4 150	6.4 m
-4.5 m kg			*11 740	*11 740	*8 570	6 980					*7 760	6 270	4.9 m	
Boom : 5.7 m GP Arm : 2.9 m Shoe: 700 mm CWT: 6 200 kg	9 m kg											*5 830	*5 830	4.0 m
	7.5 m kg					*6 150	*6 150	*4 920	*4 920			*4 830	*4 830	6.0 m
	6 m kg					*6 530	*6 530	*6 380	5 350			*4 530	3 940	7.2 m
	4.5 m kg			*10 230	*10 230	*8 010	*8 010	*7 000	5 180	5 720	3 610	*4 490	3 310	7.9 m
	3 m kg					*10 230	7 550	7 960	4 920	5 600	3 500	*4 650	3 000	8.3 m
	1.5 m kg					12 170	7 000	7 660	4 660	5 460	3 380	4 640	2 870	8.4 m
	0 m kg					11 800	6 690	7 450	4 470	5 350	3 280	4 730	2 910	8.2 m
	-1.5 m kg	*6 750	*6 750	*10 980	*10 980	11 680	6 590	7 350	4 380	5 310	3 240	5 130	3 140	7.7 m
	-3.0 m kg	*11 760	*11 760	*17 000	12 950	11 730	6 640	7 370	4 400			6 100	3 710	6.8 m
-4.5 m kg			*13 310	*13 310	*9 670	6 840					*7 590	5 190	5.5 m	
Boom : 5.7 m GP Arm : 2.5 m Shoe: 700 mm CWT: 6 200 kg Dozer blade down	9 m kg			*8 380	*8 380							*8 380	*8 380	3.1 m
	7.5 m kg					*6 890	*6 890					*6 680	*6 680	5.5 m
	6 m kg					*7 210	*7 210	*6 880	5 790			*6 230	4 790	6.7 m
	4.5 m kg					*8 700	*8 700	*7 430	5 640			*6 200	3 970	7.5 m
	3 m kg					*10 880	8 220	*8 380	5 390	*7 220	3 860	*6 460	3 580	7.9 m
	1.5 m kg					*12 700	7 720	*9 290	5 150	*7 610	3 750	*7 010	3 430	8.0 m
	0 m kg					*13 390	7 470	*9 820	4 980	*7 790	3 670	*7 490	3 500	7.8 m
	-1.5 m kg			*11 650	*11 650	*13 040	7 410	*9 720	4 920			*7 740	3 810	7.3 m
	-3.0 m kg			*15 910	14 810	*11 700	7 500	*8 660	4 980			*7 950	4 610	6.4 m
-4.5 m kg			*11 740	*11 740	*8 570	7 770					*7 760	6 970	4.9 m	
Boom : 5.7 m GP Arm : 2.9 m Shoe: 700 mm CWT: 6 200 kg Dozer blade down	9 m kg											*5 830	*5 830	4.0 m
	7.5 m kg					*6 150	*6 150	*4 920	*4 920			*4 830	*4 830	6.0 m
	6 m kg					*6 530	*6 530	*6 380	5 920			*4 530	4 380	7.2 m
	4.5 m kg			*10 230	*10 230	*8 010	*8 010	*7 000	5 750	*6 170	4 030	*4 490	3 700	7.9 m
	3 m kg					*10 230	8 440	*8 000	5 490	*6 940	3 920	*4 650	3 360	8.3 m
	1.5 m kg					*12 250	7 880	*9 020	5 230	*7 410	3 800	*4 990	3 230	8.4 m
	0 m kg					*13 250	7 560	*9 680	5 040	*7 720	3 700	*5 610	3 280	8.2 m
	-1.5 m kg	*6 750	*6 750	*10 980	*10 980	*13 190	7 460	*9 770	4 950	*7 580	3 660	*6 740	3 540	7.7 m
	-3.0 m kg	*11 760	*11 760	*17 000	14 820	*12 150	7 510	*9 040	4 970			*7 560	4 180	6.8 m
-4.5 m kg			*13 310	*13 310	*9 670	7 720					*7 590	5 840	5.5 m	
Boom : 5.76 m 2piece boom Arm : 2.5 m Shoe: 700 mm CWT: 6 200 kg	9 m kg			*9 840	*9 840							*8 670	*8 670	3.6 m
	7.5 m kg			*8 290	*8 290	*8 730	8 500					*6 830	5 600	5.7 m
	6 m kg			*7 680	*7 680	*8 800	8 350	8 340	5 210			*6 280	4 050	6.9 m
	4.5 m kg					*11 340	7 900	8 140	5 040	5 650	3 510	5 440	3 380	7.7 m
	3 m kg					12 580	7 280	7 850	4 790	5 550	3 420	4 950	3 050	8.1 m
	1.5 m kg					11 980	6 780	7 580	4 540	5 430	3 310	4 800	2 930	8.1 m
	0 m kg					11 730	6 570	7 410	4 390	5 350	3 240	4 920	3 000	8.0 m
	-1.5 m kg			*9 780	*9 780	*10 700	6 560	7 370	4 360			5 400	3 280	7.5 m
	-3.0 m kg					*7 710	6 690	*5 820	4 450					6.6 m
Boom : 5.76 m 2piece boom Arm : 2.9 m Shoe: 700 mm CWT: 6 200 kg	9 m kg			*7 890	*7 890							*5 990	*5 990	4.4 m
	7.5 m kg					*7 010	*7 010	*5 930	5 280			*4 920	4 850	6.3 m
	6 m kg			*6 060	*6 060	*7 010	*7 010	*7 170	5 280			*4 550	3 660	7.4 m
	4.5 m kg			*9 910	*9 910	*9 130	8 040	8 210	5 100	5 690	3 550	*4 440	3 100	8.1 m
	3 m kg					*12 360	7 410	7 910	4 830	5 560	3 430	*4 520	2 820	8.5 m
	1.5 m kg					12 070	6 850	7 610	4 560	5 420	3 310	4 460	2 720	8.5 m
	0 m kg					11 730	6 560	7 400	4 380	5 320	3 220	4 560	2 770	8.4 m
	-1.5 m kg			*9 410	*9 410	*11 330	6 500	7 330	4 310	5 300	3 190	4 950	3 000	7.9 m
	-3.0 m kg					*8 660	6 590	*6 620	4 370			*4 660	3 540	7.1 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 - ECR255 L

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 fit from the following values.

	Lifting point	kg	1.5 m		3 m		4.5 m		6.0 m		7.5 m		Max. reach		
			Along UC	Across UC	Along UC	Across UC	Max. m								
Boom : 5.76 m 2piece boom Arm : 2.5 m Shoe : 700 mm CWT : 6 200 kg Dozer blade down	9 m	kg			*9 840	*9 840							*8 670	*8 670	3.6 m
	7.5 m	kg			*8 290	*8 290	*8 730	*8 730					*6 830	6 220	5.7 m
	6 m	kg			*7 680	*7 680	*8 800	*8 800	*8 660	5 790			*6 280	4 520	6.9 m
	4.5 m	kg					*11 340	8 800	*9 040	5 620	*7 290	3 940	*6 140	3 790	7.7 m
	3 m	kg					*12 760	8 170	*9 570	5 360	*7 760	3 840	*6 280	3 430	8.1 m
	1.5 m	kg					*13 350	7 660	*9 840	5 110	*7 710	3 730	*6 680	3 310	8.1 m
	0 m	kg					*12 570	7 440	*9 490	4 960	*7 210	3 660	*6 450	3 390	8.0 m
	-1.5 m	kg			*9 780	*9 780	*10 700	7 430	*8 290	4 930			*5 810	3 700	7.5 m
-3.0 m	kg					*7 710	7 570	*5 820	5 020					6.6 m	
Boom : 5.76 m 2piece boom Arm : 2.9 m Shoe : 700 mm CWT : 6 200 kg Dozer blade down	9 m	kg			*7 890	*7 890							*5 990	*5 990	4.4 m
	7.5 m	kg					*7 010	*7 010	*5 930	5 860			*4 920	*4 920	6.3 m
	6 m	kg			*6 060	*6 060	*7 010	*7 010	*7 170	5 860			*4 550	4 090	7.4 m
	4.5 m	kg			*9 910	*9 910	*9 130	8 940	*8 480	5 680	*6 780	3 970	*4 440	3 490	8.1 m
	3 m	kg					*12 360	8 300	*9 360	5 400	*7 660	3 860	*4 520	3 180	8.5 m
	1.5 m	kg					*13 270	7 730	*9 770	5 130	*7 710	3 730	*4 760	3 070	8.5 m
	0 m	kg					*12 890	7 440	*9 610	4 950	*7 400	3 640	*5 240	3 130	8.4 m
	-1.5 m	kg			*9 410	*9 410	*11 330	7 380	*8 660	4 880	*6 370	3 620	*5 610	3 390	7.9 m
-3.0 m	kg					*8 660	7 470	*6 620	4 940			*4 660	3 990	7.1 m	
Boom : 5.7 m GP Arm : 2.5 m Shoe : 700 mm CWT : 7 100 kg	9 m	kg			*8 380	*8 380							*8 380	*8 380	3.1 m
	7.5 m	kg					*6 890	*6 890					*6 680	6 630	5.5 m
	6 m	kg					*7 210	*7 210	*6 880	5 710			*6 230	4 730	6.7 m
	4.5 m	kg					*8 700	8 650	*7 430	5 560			6 140	3 920	7.5 m
	3 m	kg					*10 880	8 060	*8 380	5 310	6 010	3 820	5 570	3 540	7.9 m
	1.5 m	kg					*12 700	7 560	8 220	5 070	5 890	3 710	5 390	3 400	8.0 m
	0 m	kg					12 700	7 320	8 040	4 910	5 800	3 630	5 520	3 460	7.8 m
	-1.5 m	kg			*11 650	*11 650	12 640	7 270	7 970	4 850			6 050	3 770	7.3 m
-3.0 m	kg			*15 910	14 300	*11 700	7 350	8 040	4 910			7 380	4 550	6.4 m	
-4.5 m	kg			*11 740	*11 740	*8 570	7 610					*7 760	6 840	4.9 m	
Boom : 5.7 m GP Arm : 2.9 m Shoe : 700 mm CWT : 7 100 kg	9 m	kg											*5 830	*5 830	4.0 m
	7.5 m	kg					*6 150	*6 150	*4 920	*4 920			*4 830	*4 830	6.0 m
	6 m	kg					*6 530	*6 530	*6 380	5 780			*4 530	4 280	7.2 m
	4.5 m	kg			*10 230	*10 230	*8 010	*8 010	*7 000	5 610	6 150	3 940	*4 490	3 620	7.9 m
	3 m	kg					*10 230	8 180	*8 000	5 350	6 030	3 830	*4 650	3 290	8.3 m
	1.5 m	kg					*12 250	7 630	8 250	5 090	5 890	3 700	*4 990	3 160	8.4 m
	0 m	kg					12 710	7 320	8 040	4 900	5 780	3 600	5 120	3 200	8.2 m
	-1.5 m	kg	*6 750	*6 750	*10 980	*10 980	12 590	7 220	7 930	4 810	5 740	3 570	5 550	3 450	7.7 m
-3.0 m	kg	*11 760	*11 760	*17 000	14 130	*12 150	7 270	7 960	4 830			6 590	4 070	6.8 m	
-4.5 m	kg			*13 310	*13 310	*9 670	7 470					*7 590	5 670	5.5 m	
Boom : 5.7 m GP Arm : 2.5 m Shoe : 700 mm CWT : 7 100 kg Dozer blade down	9 m	kg			*8 380	*8 380							*8 380	*8 380	3.1 m
	7.5 m	kg					*6 890	*6 890					*6 680	*6 680	5.5 m
	6 m	kg					*7 210	*7 210	*6 880	6 300			*6 230	5 230	6.7 m
	4.5 m	kg					*8 700	*8 700	*7 430	6 140			*6 200	4 360	7.5 m
	3 m	kg					*10 880	8 970	*8 380	5 900	*7 220	4 250	*6 460	3 940	7.9 m
	1.5 m	kg					*12 700	8 460	*9 290	5 650	*7 610	4 130	*7 010	3 790	8.0 m
	0 m	kg					*13 390	8 210	*9 820	5 490	*7 790	4 050	*7 490	3 860	7.8 m
	-1.5 m	kg			*11 650	*11 650	*13 040	8 160	*9 720	5 430			*7 740	4 210	7.3 m
-3.0 m	kg			*15 910	*15 910	*11 700	8 250	*8 660	5 490			*7 950	5 080	6.4 m	
-4.5 m	kg			*11 740	*11 740	*8 570	8 520					*7 760	7 640	4.9 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.

LIFTING CAPACITY - ECR255 L

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 fit from the following values.

	Lifting point		1.5 m		3 m		4.5 m		6.0 m		7.5 m		Max. reach		
			Along UC	Across UC	Along UC	Across UC	Max. m								
Boom : 5.7 m GP Arm : 2.9 m Shoe: 700 mm CWT: 7 100 kg Dozer blade down	9 m	kg											*5 830	*5 830	4.0 m
	7.5 m	kg					*6 150	*6 150	*4 920	*4 920			*4 830	*4 830	6.0 m
	6 m	kg					*6 530	*6 530	*6 380	6 370			*4 530	*4 530	7.2 m
	4.5 m	kg			*10 230	*10 230	*8 010	*8 010	*7 000	6 200	*6 170	4 370	*4 490	4 020	7.9 m
	3 m	kg					*10 230	9 090	*8 000	5 940	*6 940	4 260	*4 650	3 660	8.3 m
	1.5 m	kg					*12 250	8 540	*9 020	5 670	*7 410	4 130	*4 990	3 530	8.4 m
	0 m	kg					*13 250	8 220	*9 680	5 480	*7 720	4 030	*5 610	3 580	8.2 m
	-1.5 m	kg	*6 750	*6 750	*10 980	*10 980	*13 190	8 120	*9 770	5 390	*7 580	3 990	*6 740	3 870	7.7 m
	-3.0 m	kg	*11 760	*11 760	*17 000	16 060	*12 150	8 160	*9 040	5 410			*7 560	4 550	6.8 m
-4.5 m	kg			*13 310	*13 310	*9 670	8 370					*7 590	6 340	5.5 m	
Boom : 5.76 m 2piece boom Arm : 2.5 m Shoe: 700 mm CWT: 7 100 kg	9 m	kg			*9 840	*9 840							*8 670	*8 670	3.6 m
	7.5 m	kg			*8 290	*8 290	*8 730	*8 730					*6 830	6 050	5.7 m
	6 m	kg			*7 680	*7 680	*8 800	*8 800	*8 660	5 640			*6 280	4 410	6.9 m
	4.5 m	kg					*11 340	8 530	8 730	5 470	6 080	3 840	5 850	3 690	7.7 m
	3 m	kg					*12 760	7 910	8 440	5 210	5 980	3 750	5 350	3 350	8.1 m
	1.5 m	kg					12 900	7 410	8 170	4 970	5 860	3 640	5 190	3 230	8.1 m
	0 m	kg					*12 570	7 200	8 000	4 820	5 780	3 570	5 320	3 300	8.0 m
	-1.5 m	kg			*9 780	*9 780	*10 700	7 190	7 960	4 790			*5 810	3 610	7.5 m
	-3.0 m	kg					*7 710	7 320	*5 820	4 880					6.6 m
Boom : 5.76 m 2piece boom Arm : 2.9 m Shoe: 700 mm CWT: 7 100 kg	9 m	kg			*7 890	*7 890							*5 990	*5 990	4.4 m
	7.5 m	kg					*7 010	*7 010	*5 930	5 710			*4 920	*4 920	6.3 m
	6 m	kg			*6 060	*6 060	*7 010	*7 010	*7 170	5 710			*4 550	3 990	7.4 m
	4.5 m	kg			*9 910	*9 910	*9 130	8 670	*8 480	5 530	6 120	3 870	*4 440	3 400	8.1 m
	3 m	kg					*12 360	8 040	8 490	5 260	6 000	3 760	*4 520	3 110	8.5 m
	1.5 m	kg					12 990	7 480	8 190	4 990	5 860	3 630	*4 760	3 000	8.5 m
	0 m	kg					12 640	7 190	7 990	4 810	5 760	3 540	4 930	3 050	8.4 m
	-1.5 m	kg			*9 410	*9 410	*11 330	7 130	7 910	4 740	5 730	3 520	5 350	3 300	7.9 m
	-3.0 m	kg					*8 660	7 220	*6 620	4 800			*4 660	3 890	7.1 m
Boom : 5.76 m 2piece boom Arm : 2.5 m Shoe: 700 mm CWT: 7 100 kg Dozer blade down	9 m	kg			*9 840	*9 840							*8 670	*8 670	3.6 m
	7.5 m	kg			*8 290	*8 290	*8 730	*8 730					*6 830	6 690	5.7 m
	6 m	kg			*7 680	*7 680	*8 800	*8 800	*8 660	6 230			*6 280	4 890	6.9 m
	4.5 m	kg					*11 340	9 460	*9 040	6 060	*7 290	4 270	*6 140	4 110	7.7 m
	3 m	kg					*12 760	8 820	*9 570	5 800	*7 760	4 180	*6 280	3 740	8.1 m
	1.5 m	kg					*13 350	8 320	*9 840	5 560	*7 710	4 070	*6 680	3 620	8.1 m
	0 m	kg					*12 570	8 100	*9 490	5 410	*7 210	4 000	*6 450	3 700	8.0 m
	-1.5 m	kg			*9 780	*9 780	*10 700	8 090	*8 290	5 370			*5 810	4 040	7.5 m
	-3.0 m	kg					*7 710	*7 710	*5 820	5 470					6.6 m
Boom : 5.76 m 2piece boom Arm : 2.9 m Shoe: 700 mm CWT: 7 100 kg Dozer blade down	9 m	kg			*7 890	*7 890							*5 990	*5 990	4.4 m
	7.5 m	kg					*7 010	*7 010	*5 930	*5 930			*4 920	*4 920	6.3 m
	6 m	kg			*6 060	*6 060	*7 010	*7 010	*7 170	6 300			*4 550	4 430	7.4 m
	4.5 m	kg			*9 910	*9 910	*9 130	*9 130	*8 480	6 120	*6 780	4 310	*4 440	3 790	8.1 m
	3 m	kg					*12 360	8 950	*9 360	5 840	*7 660	4 190	*4 520	3 470	8.5 m
	1.5 m	kg					*13 270	8 380	*9 770	5 580	*7 710	4 060	*4 760	3 360	8.5 m
	0 m	kg					*12 890	8 090	*9 610	5 390	*7 400	3 970	*5 240	3 430	8.4 m
	-1.5 m	kg			*9 410	*9 410	*11 330	8 030	*8 660	5 330	*6 370	3 950	*5 610	3 710	7.9 m
	-3.0 m	kg					*8 660	8 130	*6 620	5 380			*4 660	4 350	7.1 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 - ECR255 L

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 fit from the following values.

	Lifting point		1.5 m		3 m		4.5 m		6.0 m		7.5 m		Max. reach		
			Along UC	Across UC	Along UC	Across UC	Max. m								
Boom : 5.7 m GP Arm : 2.5 m Shoe: 800 mm CWT: 6 200 kg	9 m	kg			*8 380	*8 380							*8 380	*8 380	3.1 m
	7.5 m	kg					*6 890	*6 890					*6 680	6 210	5.5 m
	6 m	kg					*7 210	*7 210	*6 880	5 340			*6 230	4 400	6.7 m
	4.5 m	kg					*8 700	8 100	*7 430	5 180			5 780	3 640	7.5 m
	3 m	kg					*10 880	7 520	8 000	4 940	5 650	3 530	5 240	3 270	7.9 m
	1.5 m	kg					12 230	7 020	7 730	4 700	5 530	3 420	5 050	3 130	8.0 m
	0 m	kg					11 930	6 770	7 550	4 540	5 440	3 340	5 170	3 180	7.8 m
	-1.5 m	kg			*11 650	*11 650	11 870	6 720	7 480	4 480			5 680	3 470	7.3 m
	-3.0 m	kg			*15 910	13 280	*11 700	6 800	7 540	4 530			6 930	4 200	6.4 m
-4.5 m	kg			*11 740	*11 740	*8 570	7 070					*7 760	6 350	4.9 m	
Boom : 5.7 m GP Arm : 2.9 m Shoe: 800 mm CWT: 6 200 kg	9 m	kg											*5 830	*5 830	4.0 m
	7.5 m	kg					*6 150	*6 150	*4 920	*4 920			*4 830	*4 830	6.0 m
	6 m	kg					*6 530	*6 530	*6 380	5 400			*4 530	3 980	7.2 m
	4.5 m	kg			*10 230	*10 230	*8 010	*8 010	*7 000	5 240	5 790	3 660	*4 490	3 350	7.9 m
	3 m	kg					*10 230	7 640	*8 000	4 980	5 670	3 550	*4 650	3 030	8.3 m
	1.5 m	kg					*12 250	7 090	7 760	4 720	5 530	3 420	4 700	2 910	8.4 m
	0 m	kg					11 950	6 780	7 540	4 530	5 420	3 320	4 790	2 950	8.2 m
	-1.5 m	kg	*6 750	*6 750	*10 980	*10 980	11 820	6 680	7 440	4 440	5 380	3 280	5 200	3 180	7.7 m
	-3.0 m	kg	*11 760	*11 760	*17 000	13 110	11 880	6 720	7 470	4 460			6 180	3 750	6.8 m
-4.5 m	kg			*13 310	*13 310	*9 670	6 930					*7 590	5 260	5.5 m	
Boom : 5.7 m GP Arm : 2.5 m Shoe: 800 mm CWT: 6 200 kg Dozer blade down	9 m	kg			*8 380	*8 380							*8 380	*8 380	3.1 m
	7.5 m	kg					*6 890	*6 890					*6 680	*6 680	5.5 m
	6 m	kg					*7 210	*7 210	*6 880	5 920			*6 230	4 900	6.7 m
	4.5 m	kg					*8 700	*8 700	*7 430	5 760			*6 200	4 060	7.5 m
	3 m	kg					*10 880	8 410	*8 380	5 510	*7 220	3 960	*6 460	3 670	7.9 m
	1.5 m	kg					*12 700	7 900	*9 290	5 270	*7 610	3 840	*7 010	3 520	8.0 m
	0 m	kg					*13 390	7 650	*9 820	5 110	*7 790	3 760	*7 490	3 590	7.8 m
	-1.5 m	kg			*11 650	*11 650	*13 040	7 600	*9 720	5 040			*7 740	3 910	7.3 m
	-3.0 m	kg			*15 910	15 160	*11 700	7 680	*8 660	5 100			*7 950	4 730	6.4 m
-4.5 m	kg			*11 740	*11 740	*8 570	7 950					*7 760	7 130	4.9 m	
Boom : 5.7 m GP Arm : 2.9 m Shoe: 800 mm CWT: 6 200 kg Dozer blade down	9 m	kg											*5 830	*5 830	4.0 m
	7.5 m	kg					*6 150	*6 150	*4 920	*4 920			*4 830	*4 830	6.0 m
	6 m	kg					*6 530	*6 530	*6 380	5 980			*4 530	4 430	7.2 m
	4.5 m	kg			*10 230	*10 230	*8 010	*8 010	*7 000	5 810	*6 170	4 080	*4 490	3 750	7.9 m
	3 m	kg					*10 230	8 530	*8 000	5 550	*6 940	3 970	*4 650	3 400	8.3 m
	1.5 m	kg					*12 250	7 970	*9 020	5 290	*7 410	3 840	*4 990	3 270	8.4 m
	0 m	kg					*13 250	7 650	*9 680	5 100	*7 720	3 740	*5 610	3 320	8.2 m
	-1.5 m	kg	*6 750	*6 750	*10 980	*10 980	*13 190	7 550	*9 770	5 010	*7 580	3 700	*6 740	3 590	7.7 m
	-3.0 m	kg	*11 760	*11 760	*17 000	14 990	*12 150	7 600	*9 040	5 030			*7 560	4 230	6.8 m
-4.5 m	kg			*13 310	*13 310	*9 670	7 810					*7 590	5 910	5.5 m	
Boom : 5.76 m 2piece boom Arm : 2.5 m Shoe: 800 mm CWT: 6 200 kg	9 m	kg			*9 840	*9 840							*8 670	*8 670	3.6 m
	7.5 m	kg			*8 290	*8 290	*8 730	8 580					*6 830	5 660	5.7 m
	6 m	kg			*7 680	*7 680	*8 800	8 440	8 430	5 270			*6 280	4 100	6.9 m
	4.5 m	kg					*11 340	7 990	8 240	5 100	5 720	3 560	5 500	3 420	7.7 m
	3 m	kg					12 730	7 370	7 950	4 840	5 620	3 460	5 020	3 090	8.1 m
	1.5 m	kg					12 130	6 860	7 680	4 600	5 500	3 360	4 860	2 970	8.1 m
	0 m	kg					11 870	6 650	7 510	4 450	5 420	3 290	4 990	3 040	8.0 m
	-1.5 m	kg			*9 780	*9 780	*10 700	6 640	7 460	4 410			5 480	3 320	7.5 m
	-3.0 m	kg					*7 710	6 770	*5 820	4 510					6.6 m
Boom : 5.76 m 2piece boom Arm : 2.9 m Shoe: 800 mm CWT: 6 200 kg	9 m	kg			*7 890	*7 890							*5 990	*5 990	4.4 m
	7.5 m	kg					*7 010	*7 010	*5 930	5 340			*4 920	4 900	6.3 m
	6 m	kg			*6 060	*6 060	*7 010	*7 010	*7 170	5 340			*4 550	3 710	7.4 m
	4.5 m	kg			*9 910	*9 910	*9 130	8 130	8 310	5 150	5 760	3 590	*4 440	3 140	8.1 m
	3 m	kg					*12 360	7 490	8 000	4 880	5 630	3 480	*4 520	2 860	8.5 m
	1.5 m	kg					12 220	6 930	7 700	4 620	5 500	3 350	4 520	2 760	8.5 m
	0 m	kg					11 880	6 650	7 500	4 440	5 390	3 260	4 620	2 810	8.4 m
	-1.5 m	kg			*9 410	*9 410	*11 330	6 580	7 420	4 370	5 370	3 240	5 020	3 040	7.9 m
	-3.0 m	kg					*8 660	6 680	*6 620	4 430			*4 660	3 580	7.1 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.

LIFTING CAPACITY - ECR255 L

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 fit from the following values.

	Lifting point	kg	1.5 m		3 m		4.5 m		6.0 m		7.5 m		Max. reach		
			Along UC	Across UC	Along UC	Across UC	Max. m								
Boom : 5.76 m 2piece boom Arm : 2.5 m Shoe : 800 mm CWT : 6 200 kg Dozer blade down	9 m	kg			*9 840	*9 840							*8 670	*8 670	3.6 m
	7.5 m	kg			*8 290	*8 290	*8 730	*8 730					*6 830	6 280	5.7 m
	6 m	kg			*7 680	*7 680	*8 800	*8 800	*8 660	5 850			*6 280	4 570	6.9 m
	4.5 m	kg					*11 340	8 890	*9 040	5 680	*7 290	3 980	*6 140	3 830	7.7 m
	3 m	kg					*12 760	8 260	*9 570	5 420	*7 760	3 890	*6 280	3 480	8.1 m
	1.5 m	kg					*13 350	7 750	*9 840	5 180	*7 710	3 780	*6 680	3 350	8.1 m
	0 m	kg					*12 570	7 530	*9 490	5 020	*7 210	3 710	*6 450	3 430	8.0 m
	-1.5 m	kg			*9 780	*9 780	*10 700	7 520	*8 290	4 990			*5 810	3 750	7.5 m
	-3.0 m	kg					*7 710	7 660	*5 820	5 080					6.6 m
Boom : 5.76 m 2piece boom Arm : 2.9 m Shoe : 800 mm CWT : 6 200 kg Dozer blade down	9 m	kg			*7 890	*7 890							*5 990	*5 990	4.4 m
	7.5 m	kg					*7 010	*7 010	*5 930	5 920			*4 920	*4 920	6.3 m
	6 m	kg			*6 060	*6 060	*7 010	*7 010	*7 170	5 920			*4 550	4 140	7.4 m
	4.5 m	kg			*9 910	*9 910	*9 130	9 030	*8 480	5 740	*6 780	4 020	*4 440	3 530	8.1 m
	3 m	kg					*12 360	8 390	*9 360	5 460	*7 660	3 900	*4 520	3 220	8.5 m
	1.5 m	kg					*13 270	7 820	*9 770	5 190	*7 710	3 770	*4 760	3 110	8.5 m
	0 m	kg					*12 890	7 530	*9 610	5 010	*7 400	3 680	*5 240	3 170	8.4 m
	-1.5 m	kg			*9 410	*9 410	*11 330	7 470	*8 660	4 940	*6 370	3 660	*5 610	3 430	7.9 m
	-3.0 m	kg					*8 660	7 560	*6 620	5 000			*4 660	4 040	7.1 m
Boom : 5.7 m GP Arm : 2.5 m Shoe : 800 mm CWT : 7 100 kg	9 m	kg			*8 380	*8 380							*8 380	*8 380	3.1 m
	7.5 m	kg					*6 890	*6 890					*6 680	*6 680	5.5 m
	6 m	kg					*7 210	*7 210	*6 880	5 770			*6 230	4 780	6.7 m
	4.5 m	kg					*8 700	*8 700	*7 430	5 610			*6 200	3 970	7.5 m
	3 m	kg					*10 880	8 150	*8 380	5 370	6 080	3 860	5 640	3 580	7.9 m
	1.5 m	kg					*12 700	7 650	8 320	5 130	5 960	3 750	5 450	3 440	8.0 m
	0 m	kg					12 850	7 400	8 140	4 970	5 880	3 670	5 590	3 500	7.8 m
	-1.5 m	kg			*11 650	*11 650	12 790	7 350	8 070	4 910			6 130	3 810	7.3 m
	-3.0 m	kg			*15 910	14 460	*11 700	7 430	8 130	4 970			7 470	4 600	6.4 m
-4.5 m	kg			*11 740	*11 740	*8 570	7 700					*7 760	6 920	4.9 m	
Boom : 5.7 m GP Arm : 2.9 m Shoe : 800 mm CWT : 7 100 kg	9 m	kg											*5 830	*5 830	4.0 m
	7.5 m	kg					*6 150	*6 150	*4 920	*4 920			*4 830	*4 830	6.0 m
	6 m	kg					*6 530	*6 530	*6 380	5 830			*4 530	4 330	7.2 m
	4.5 m	kg			*10 230	*10 230	*8 010	*8 010	*7 000	5 670	*6 170	3 980	*4 490	3 660	7.9 m
	3 m	kg					*10 230	8 270	*8 000	5 410	6 100	3 870	*4 650	3 320	8.3 m
	1.5 m	kg					*12 250	7 720	8 350	5 150	5 960	3 750	*4 990	3 200	8.4 m
	0 m	kg					12 870	7 410	8 130	4 960	5 860	3 650	5 180	3 240	8.2 m
	-1.5 m	kg	*6 750	*6 750	*10 980	*10 980	12 740	7 310	8 030	4 870	5 810	3 610	5 620	3 500	7.7 m
	-3.0 m	kg	*11 760	*11 760	*17 000	14 290	*12 150	7 350	8 060	4 890			6 670	4 120	6.8 m
-4.5 m	kg			*13 310	*13 310	*9 670	7 560					*7 590	5 740	5.5 m	
Boom : 5.7 m GP Arm : 2.5 m Shoe : 800 mm CWT : 7 100 kg Dozer blade down	9 m	kg			*8 380	*8 380							*8 380	*8 380	3.1 m
	7.5 m	kg					*6 890	*6 890					*6 680	*6 680	5.5 m
	6 m	kg					*7 210	*7 210	*6 880	6 360			*6 230	5 280	6.7 m
	4.5 m	kg					*8 700	*8 700	*7 430	6 210			*6 200	4 400	7.5 m
	3 m	kg					*10 880	9 060	*8 380	5 960	*7 220	4 290	*6 460	3 980	7.9 m
	1.5 m	kg					*12 700	8 550	*9 290	5 720	*7 610	4 180	*7 010	3 830	8.0 m
	0 m	kg					*13 390	8 300	*9 820	5 550	*7 790	4 100	*7 490	3 910	7.8 m
	-1.5 m	kg			*11 650	*11 650	*13 040	8 250	*9 720	5 490			*7 740	4 260	7.3 m
	-3.0 m	kg			*15 910	*15 910	*11 700	8 340	*8 660	5 550			*7 950	5 140	6.4 m
-4.5 m	kg			*11 740	*11 740	*8 570	*8 570					*7 760	7 720	4.9 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 - ECR255 L

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 fit from the following values.

	Lifting point		1.5 m		3 m		4.5 m		6.0 m		7.5 m		Max. reach		
			Along UC	Across UC	Along UC	Across UC	Max. m								
Boom : 5.7 m GP Arm : 2.9 m Shoe: 800 mm CWT: 7 100 kg Dozer blade down	9 m	kg											*5 830	*5 830	4.0 m
	7.5 m	kg					*6 150	*6 150	*4 920	*4 920			*4 830	*4 830	6.0 m
	6 m	kg					*6 530	*6 530	*6 380	*6 380			*4 530	*4 530	7.2 m
	4.5 m	kg			*10 230	*10 230	*8 010	*8 010	*7 000	6 260	*6 170	4 420	*4 490	4 060	7.9 m
	3 m	kg					*10 230	9 180	*8 000	6 000	*6 940	4 310	*4 650	3 700	8.3 m
	1.5 m	kg					*12 250	8 630	*9 020	5 730	*7 410	4 180	*4 990	3 570	8.4 m
	0 m	kg					*13 250	8 310	*9 680	5 540	*7 720	4 080	*5 610	3 630	8.2 m
	-1.5 m	kg	*6 750	*6 750	*10 980	*10 980	*13 190	8 210	*9 770	5 450	*7 580	4 040	*6 740	3 910	7.7 m
	-3.0 m	kg	*11 760	*11 760	*17 000	16 230	*12 150	8 250	*9 040	5 470			*7 560	4 600	6.8 m
-4.5 m	kg			*13 310	*13 310	*9 670	8 460					*7 590	6 410	5.5 m	
Boom : 5.76 m 2piece boom Arm : 2.5 m Shoe: 800 mm CWT: 7 100 kg	9 m	kg			*9 840	*9 840							*8 670	*8 670	3.6 m
	7.5 m	kg			*8 290	*8 290	*8 730	*8 730					*6 830	6 110	5.7 m
	6 m	kg			*7 680	*7 680	*8 800	*8 800	*8 660	5 700			*6 280	4 460	6.9 m
	4.5 m	kg					*11 340	8 620	8 830	5 530	6 150	3 880	5 920	3 740	7.7 m
	3 m	kg					*12 760	8 000	8 540	5 270	6 050	3 790	5 410	3 390	8.1 m
	1.5 m	kg					13 050	7 500	8 260	5 030	5 930	3 680	5 250	3 270	8.1 m
	0 m	kg					*12 570	7 280	8 090	4 880	5 850	3 610	5 390	3 340	8.0 m
	-1.5 m	kg			*9 780	*9 780	*10 700	7 270	8 050	4 850			*5 810	3 650	7.5 m
	-3.0 m	kg					*7 710	7 410	*5 820	4 940					6.6 m
Boom : 5.76 m 2piece boom Arm : 2.9 m Shoe: 800 mm CWT: 7 100 kg	9 m	kg			*7 890	*7 890							*5 990	*5 990	4.4 m
	7.5 m	kg					*7 010	*7 010	*5 930	5 770			*4 920	*4 920	6.3 m
	6 m	kg			*6 060	*6 060	*7 010	*7 010	*7 170	5 770			*4 550	4 040	7.4 m
	4.5 m	kg			*9 910	*9 910	*9 130	8 760	*8 480	5 590	6 190	3 920	*4 440	3 440	8.1 m
	3 m	kg					*12 360	8 120	8 590	5 310	6 070	3 800	*4 520	3 140	8.5 m
	1.5 m	kg					13 140	7 560	8 290	5 050	5 930	3 680	*4 760	3 040	8.5 m
	0 m	kg					12 790	7 280	8 090	4 870	5 830	3 590	5 000	3 090	8.4 m
	-1.5 m	kg			*9 410	*9 410	*11 330	7 220	8 010	4 800	5 810	3 570	5 420	3 350	7.9 m
	-3.0 m	kg					*8 660	7 310	*6 620	4 860			*4 660	3 930	7.1 m
Boom : 5.76 m 2piece boom Arm : 2.5 m Shoe: 800 mm CWT: 7 100 kg Dozer blade down	9 m	kg			*9 840	*9 840							*8 670	*8 670	3.6 m
	7.5 m	kg			*8 290	*8 290	*8 730	*8 730					*6 830	6 750	5.7 m
	6 m	kg			*7 680	*7 680	*8 800	*8 800	*8 660	6 300			*6 280	4 940	6.9 m
	4.5 m	kg					*11 340	9 550	*9 040	6 120	*7 290	4 320	*6 140	4 160	7.7 m
	3 m	kg					*12 760	8 920	*9 570	5 860	*7 760	4 230	*6 280	3 790	8.1 m
	1.5 m	kg					*13 350	8 410	*9 840	5 620	*7 710	4 120	*6 680	3 660	8.1 m
	0 m	kg					*12 570	8 190	*9 490	5 470	*7 210	4 050	*6 450	3 740	8.0 m
	-1.5 m	kg			*9 780	*9 780	*10 700	8 180	*8 290	5 430			*5 810	4 090	7.5 m
	-3.0 m	kg					*7 710	*7 710	*5 820	5 530					6.6 m
Boom : 5.76 m 2piece boom Arm : 2.9 m Shoe: 800 mm CWT: 7 100 kg Dozer blade down	9 m	kg			*7 890	*7 890							*5 990	*5 990	4.4 m
	7.5 m	kg					*7 010	*7 010	*5 930	*5 930			*4 920	*4 920	6.3 m
	6 m	kg			*6 060	*6 060	*7 010	*7 010	*7 170	6 370			*4 550	4 480	7.4 m
	4.5 m	kg			*9 910	*9 910	*9 130	*9 130	*8 480	6 180	*6 780	4 350	*4 440	3 840	8.1 m
	3 m	kg					*12 360	9 040	*9 360	5 910	*7 660	4 240	*4 520	3 520	8.5 m
	1.5 m	kg					*13 270	8 480	*9 770	5 640	*7 710	4 110	*4 760	3 400	8.5 m
	0 m	kg					*12 890	8 180	*9 610	5 460	*7 400	4 020	*5 240	3 470	8.4 m
	-1.5 m	kg			*9 410	*9 410	*11 330	8 120	*8 660	5 390	*6 370	4 000	*5 610	3 750	7.9 m
	-3.0 m	kg					*8 660	8 220	*6 620	5 440			*4 660	4 400	7.1 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 & OPTIONAL EQUIPMENT

• = Standard / o = Optional

Engine

Turbocharged, 4 stroke diesel engine with water cooling, direct injection and charged air cooler that meets Stage V requirements	•
Electric cooling fan system	•
New work mode with 10 steps	•
Cyclone pre-cleaner	•
Engine block heater	o
Coolant heater by diesel	o
Reversible fan drive	o
Fuel filler pump	o
Air filter, High efficiency	o
Delayed engine shutdown	o
Automatic engine shutdown	o
Water separator with heater	o
Arctic regeneration	o
Regeneration control	o
Oil sampling port for engine oil	o

Electric / Electronic control system

Anti-theft with code lock system	•
Alternator, 180 A	•
Automatic idling system	•
Lock Out / Tag Out function on battery main switch	•
Standard light	•
Basic light package	o
Advanced light package	o
Deluxe light package	o
Arm light	o
LH light	o
Caretrack, 4G GSM/Satellite	o
Joystick, 4 switch	o
Joystick, 4 switch & 1 prop	•
Joystick, simple L8	o
Joystick, L8	o
Batteries, 2 x 12 V / 200 Ah	o

Undercarriage and structures

3-point side access with handrail	•
Direct filling DEF (AdBlue) / Sight gauge and splash guard	•
Openable 1 piece hood	•
Undercovers (heavy duty)	•
HD Side door & hood with screen	o
Lower frame, Folder step, L	•
Lower frame, D/blade, F step, L	o
Lower frame, High walker	o
Link 600/700 mm double gr shoe	o
Link 600/700/800/900 mm triple gr shoe	•
Link 600 mm rubber shoe	o
Link 600 mm add rubber pad	o
Full track guard	o
Punched metal anti-slip plates	•

STANDARD & OPTIONAL EQUIPMENT

• = Standard / o = Optional

Hydraulic system

EH-positive (Electro-Hydraulic) control system	•
Priority Adjustment	•
- Boom up & swing priority	•
- Boom down speed control	•
Shock reduction function, Boom/Arm	•
Auto power boost	•
Hydraulic oil mineral, 32 / 46 / 68	•
Longlife hyd oil mineral, 32 / 46 / 68	o
Hydraulic oil bio 46	o
Oil leak line, on base machine/Boom/Arm	o
Auto warm up	o
Boom float function	o
Comfort driving control	o
Creep mode	o
Straight travel pedal	o
Variable X3 P-Q control	o
Hose rupture valve for boom, with overload warning device	•
Hose rupture valve for arm	•
Pattern change	o
Hydraulic attachment piping:	o
- Breaker & shear	o
- Slope/Rotator	o
- Grapple	o
- Quick coupler	o
- Oil leak line, on base machine/Boom/Arm	o
- Pressure pre-setting	o

Cab and interior

Keyless engine 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	•
1 piece wind shield 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	•
Climate control-HEPA filter	o
Radio with MP3/USB/Bluetooth	o
Front rain shield	o
Sun screen	o
Lower wiper	o
Sun shield, roof hatch	o
Foot rest, High mount	o
FOG (Falling Object Guard)	o
FOPS (Falling Object Protection Structure)	o
Safety net	o

STANDARD & OPTIONAL EQUIPMENT

• = Standard / o = Optional

Digging equipment

Boom: 5.7 m monoblock, 5.76 m 2piece boom, 4.6m short	•
Arm: 2.2 m, 2.5 m, 2.9 m monoblock	•
Linkage	•
Manual centralized lubrication	•
Counterweight: 6 200 kg	•
Counterweight: 7 100 kg	o

Machine Controls

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

Safety and security

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

Service and maintenance

Swing out A/C condenser	•
Fuel filler pump	o
Quick Hydraulic Oil Fill connection	o
Jump start connector	o
Auto lubrication system	o
Tool kit	o
Spare parts 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