

V O L V O



Volvo Excavators 21.0-26.4 t 175 hp

EC230

Volvo Construction Equipment

EC230

For general construction, road building or something more specialist, this is a versatile machine designed to help you achieve outstanding results



An edge in versatility

With its cutting-edge technology, outstanding efficiency and robust design, the EC230 effortlessly handles heavy loads, tackles tough terrain, and ensures exceptional productivity across a wide range of tasks and applications. Whether you're working in general construction, road building or something more specialist, the Volvo EC230 is a versatile and high performing machine designed to help you achieve outstanding results.



Operator comfort

- More precise controls
- Quieter cab
- Personalized settings for greater comfort
- ROPS cab as standard



Smart View with Obstacle Detection

- Increased safety onsite and for the operator
- Radar warns for items outside the screen
- HD screen
- Human identifying alarm separate from other obstacles



Serviceability

- Ground level access for service
- Long service intervals
- Grouped filters and lubrication points
- Quick and easy oil changes



Fuel Efficiency

- Up to 15% improvement
- Engine pump optimization with engine speeds as low as 1600 rpm
- Smart MCV



Productivity

- Volvo Active Control
- Dig Assist with On-Board Weighing
- Electro-hydraulic system
- Boom/Swing & Boom/Travel priority functions



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.

The image shows the interior of a Volvo truck cab. A blue and black fabric seat is the central focus, with an orange seatbelt strap running diagonally across it. The seat has a textured pattern and visible stitching. In the background, a black steering wheel and part of the dashboard are visible. The overall lighting is bright, highlighting the textures of the seat and the vibrant color of the seatbelt.

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.

Fuel efficiency

In the new Volvo excavators our improved electro-hydraulic system reduces your fuel consumption dramatically. It is done by regulating engine speed and hydraulic flow rate based on the task at hand. This ensures that only the necessary amount of energy is used, leading to improved fuel efficiency and lower operating costs.

Outstanding cooling performance

The EC230 is equipped with smart electric fans cooling system. It automatically adjusts independently the fans speed according to engine coolant temperature, hydraulic temperature and hydraulic workload. This minimizes unnecessary energy consumption and improve overall fuel efficiency. By reducing engine load and preventing overheating, the system ensures optimum excavator performance, extends component life and lowers operating costs.

New electro-hydraulic system

At the heart of the fuel efficiency improvements is the new electro-hydraulic system with enhanced main control valve (MCV). This intelligent technology uses electronic sensors to monitor the operator's movements and send signals to the machine's on-board computer (ECU) which processes the information and sends commands to the main control valve. The result is smooth and precise movement of the excavator's boom, bucket, and other hydraulic functions allowing for more accurate digging and loading.

Dig Assist

A must-have on the modern construction site, Dig Assist provides unrivalled machine guidance and control technology, enabling operators to work with the highest levels of precision and accuracy. The addition of On-Board Weighing provides real-time insights into the bucket's load, helping to eliminate overloading, underloading, reweighing and waiting times.

Productivity

Advanced electric control joystick and full electric travel pedals provide lightning-fast response times. Boom/Swing priority functions help operators work with speed and ease by prioritizing one function over another, improving cycle times.



Serviceability

Minimizing downtime is key to protect your total cost of ownership. Easy access, clean and quick oil changes, as well as 1 000-hour intervals for engine oil, oil and fuel filter further increase your machine availability. Swing out condenser also makes cleaning of the radiator and oil cooler more convenient.



Volvo EC230 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	Volvo	D6J
Max power at	r/min	1 800
Net, ISO 9249/SAE J1349	kW	128
	hp	174
Gross, ISO 14396/SAE J1995	kW	129
	hp	175
Power output at		
Operating max	r/min	1 600
Travel max	r/min	1 800
Max torque	Nm	849
at engine speed	r/min	1 350
No. of cylinders		6
Displacement	l	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 V / 180 A
Start motor	V - kW	24 / 5.5

Undercarriage

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

EC230F L		
Track shoe		2 x 49
Link pitch	mm	190
Shoe width, triple grouser	mm	500/600/700 / 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
EC230F NL		
Track shoe		2 x 49
Link pitch	mm	190
Shoe width, triple grouser	mm	500 / 600 / 700
Shoe width, triple grouser (HD)	mm	600
Shoe width, double grouser	mm	700
Bottom rollers		2 x 8
Top rollers		2 x 2
EC230F N		
Track shoe		2 x 46
Link pitch	mm	190
Shoe width, triple grouser	mm	600 / 700 / 800 / 900
Shoe width, triple grouser (HD)	mm	600
Bottom rollers		2 x 7
Top rollers		2 x 2
EC230F NH		
Track shoe		2 x 45
Link pitch	mm	203
Shoe width, triple grouser	mm	500/600/700
Bottom rollers		2 x 7
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	r/min	11.5
Max. slew torque	kNm	83.3

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	178
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.

Sound Level

Sound level in cab according to ISO 6396		
L _{pA}	dB	70
External sound level according to ISO 6395, EU Noise Directive (2000/14/EC)		
L _{WA}	dB	99

Service Refill

Fuel tank	l	315
DEF/AdBlue® tank	l	27
Hydraulic system, total	l	215
Hydraulic tank	l	98
Engine oil	l	25
Engine coolant	l	35
Slew reduction unit	l	4
Travel reduction unit	l	2 x 3.5

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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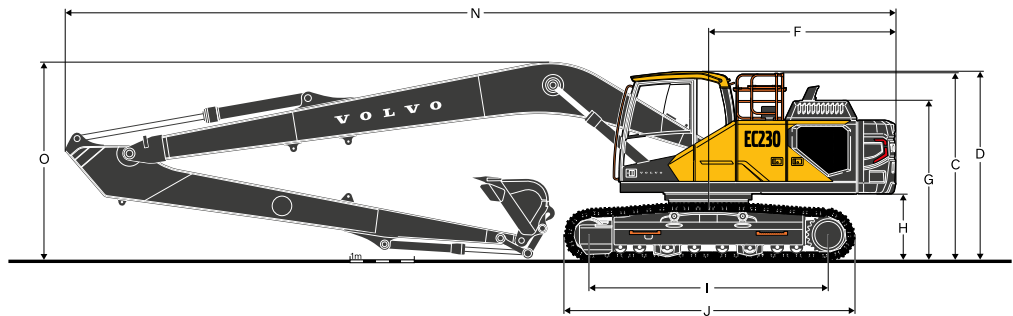
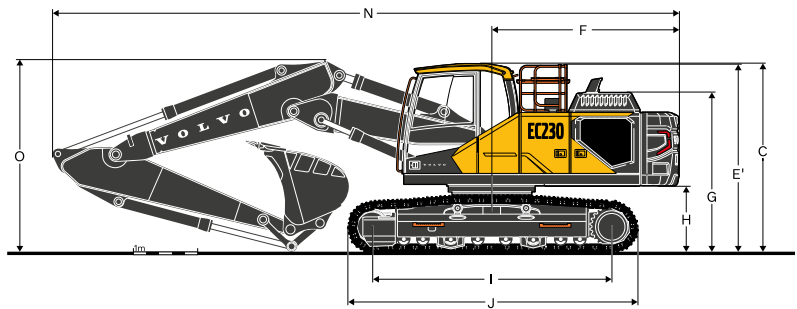
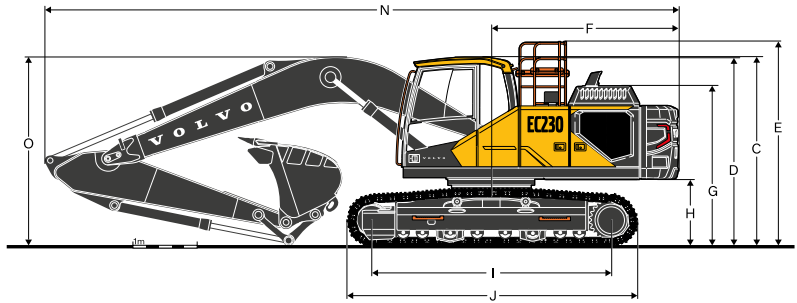
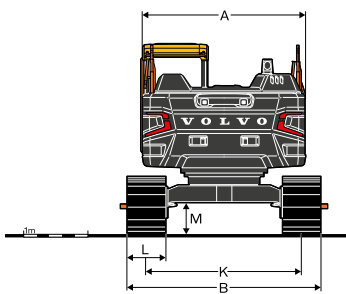
Max. pressure

Implement	MPa	34.3 / 36.3
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	125 x 1 235
2 piece boom		1
Bore x Stroke	ø x mm	160 x 1 070
Arm		1
Bore x Stroke	ø x mm	135 x 1 540
Bucket		1
Bore x Stroke	ø x mm	120 x 1 065
Bucket for LR boom		1
Bore x Stroke	ø x mm	100 x 865

Specifications

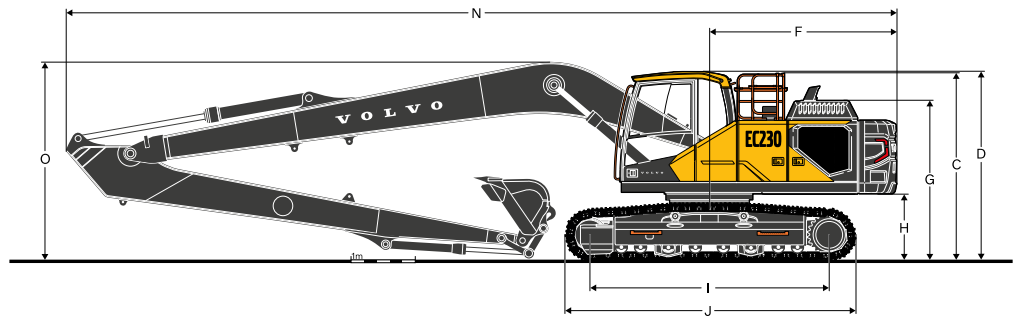
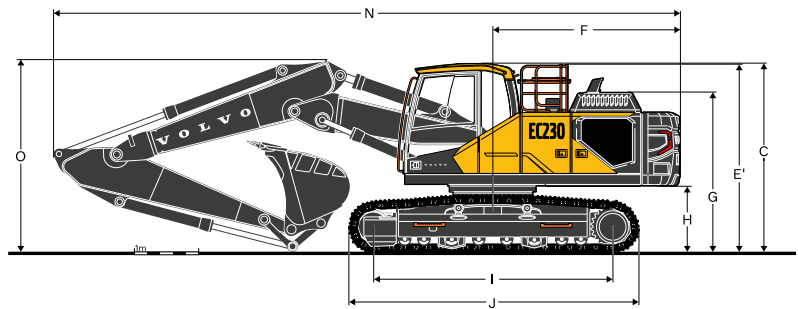
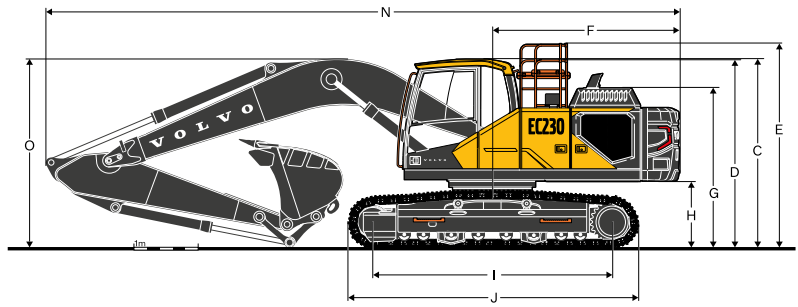
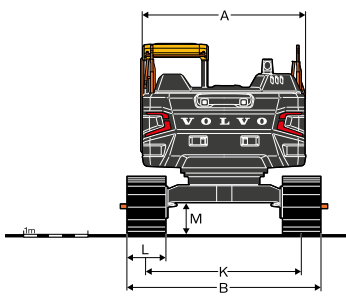


DIMENSIONS

	Unit	EC230F L				EC230F NL			
		5.7 / 5.57				5.7 / 5.57			
Boom	m								
Arm	m	2.0	2.5	2.9	3.5	2.0	2.5	2.9	3.5
A. Overall width of upper structure	mm	2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 500
B. Overall width	mm	2 990	2 990	2 990	2 990	2 540	2 540	2 540	2 540
C. Overall height of cab	mm	2 900	2 900	2 900	2 900	2 900	2 900	2 900	2 900
D. Overall height of handrail	mm	2 875	2 875	2 875	2 875	2 875	2 875	2 875	2 875
E. Overall height of guardrail	mm	3 120	3 120	3 120	3 120	3 120	3 120	3 120	3 120
F. Tail swing radius	mm	2 870	2 870	2 870	2 870	2 870	2 870	2 870	2 870
G. Overall height of engine hood	mm	2 450	2 450	2 450	2 450	2450	2450	2450	2450
H. Counterweight clearance *	mm	1 005	1 005	1 005	1 005	1005	1005	1005	1005
I. Tumbler length	mm	3 660	3 660	3 660	3 660	3 660	3 660	3 660	3 660
J. Track length	mm	4 460	4 460	4 460	4 460	4 460	4 460	4 460	4 460
K. Track gauge	mm	2 390	2 390	2 390	2 390	2 040	2 040	2 040	2 040
L. Shoe width	mm	600	600	600	600	500	500	500	500
M. Min. ground clearance *	mm	455	455	455	455	455	455	455	455
N. Overall length	mm	9 830	9 770	9 715	9 765	9 830	9 770	9 715	9 765
N ¹ . Overall length	mm	9 675	9 630	9 575	9 595	9 675	9 630	9 575	9 595
O. Overall height of boom	mm	3 155	3 175	3 035	3 170	3 155	3 175	3 035	3 170
O ¹ . Overall height of boom	mm	3 065	3 050	2 955	3 285	3 065	3 050	2 955	3 285

* Without shoe grouser

¹ 2-piece boom



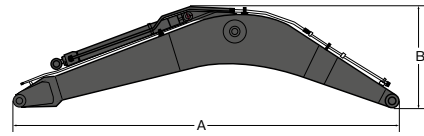
DIMENSIONS

	Unit	EC230F N				EC230F NH				EC230FLR
		5.7 / 5.57				5.7 / 5.57				8.85
Boom	m									
Arm	m	2.0	2.5	2.9	3.5	2.0	2.5	2.9	3.5	6.25
A. Overall width of upper structure	mm	2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 500
B. Overall width	mm	2 800	2 800	2 800	2 800	2 540	2 540	2 540	2 540	3 190
C. Overall height of cab	mm	2 900	2 900	2 900	2 900	2 965	2 965	2 965	2 965	2 900
D. Overall height of handrail	mm	2 875	2 875	2 875	2 875	2 940	2 940	2 940	2 940	2 875
E. Overall height of guardrail	mm	3 120	3 120	3 120	3 120	3 185	3 185	3 185	3 185	3 120
F. Tail swing radius	mm	2 870	2 870	2 870	2 870	2 870	2 870	2 870	2 870	2 870
G. Overall height of engine hood	mm	2 450	2 450	2 450	2 450	2 515	2 515	2 515	2 515	2 450
H. Counterweight clearance *	mm	1 005	1 005	1 005	1 005	1 070	1 070	1 070	1 070	1 005
I. Tumbler length	mm	3 370	3 370	3 370	3 370	3 510	3 510	3 510	3 510	3 660
J. Track length	mm	4 160	4 160	4 160	4 160	4 360	4 360	4 360	4 360	4 460
K. Track gauge	mm	2 200	2 200	2 200	2 200	2 040	2 040	2 040	2 040	2 390
L. Shoe width	mm	600	600	600	600	500	500	500	500	800
M. Min. ground clearance *	mm	455	455	455	455	485	485	485	485	455
N. Overall length	mm	9 830	9 770	9 715	9 765	9 830	9 770	9 715	9 765	12 900
N ¹ . Overall length	mm	9 675	9 630	9 575	9 595	9 675	9 630	9 575	9 595	
O. Overall height of boom	mm	3 155	3 175	3 035	3 170	3 220	3 240	3 100	3 235	3 090
O ¹ . Overall height of boom	mm	3 065	3 050	2 955	3 285	3 130	3 115	3 020	3 350	

* Without shoe grouser

¹ 2-piece boom

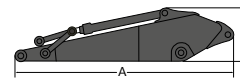
Specifications



DIMENSIONS

Description	Unit	Boom			
	m	5.7 GP	5.7 HD	5.57 2-piece	8.85 LR
A. Length	mm	5 915	5 915	5 785	9 065
B. Height	mm	1 600	1 600	1 420	1 460
Width	mm	670	670	670	670
Weight	kg	2 010	2 155	2 640	2 560

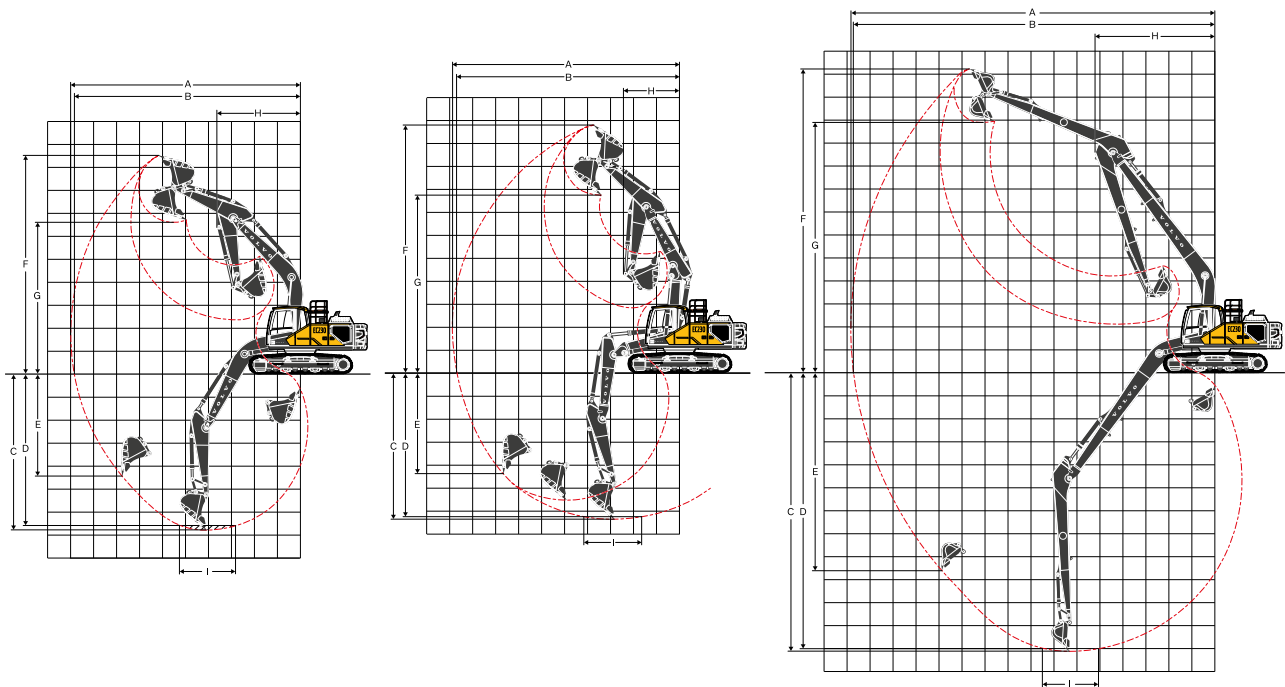
* Includes cylinder, piping and pin, excludes boom cyl. Pin



DIMENSIONS

Description	Unit	Arm					
	m	2.0 ME	2.5 HD	2.9 GP	2.9 HD	3.5 GP	6.25 LR
A. Length	mm	3 070	3 530	3 895	3 895	4 540	7 310
B. Height	mm	980	865	865	865	865	945
Width	mm	440	440	440	440	440	385
Weight	kg	1 080	1 135	1 140	1 190	1 165	1 255

* Includes cylinder, linkage and pin



WORKING RANGES WITH DIRECT FIT BUCKET

Description	Unit	EC230F L, NL, N								EC230F LR
Boom	m	5.7				5.57				8.85
Arm	m	2.0	2.5	2.9	3.5	2.0	2.5	2.9	3.5	6.25
A. Max. digging reach	mm	9 145	9 605	9 995	10 450	9 040	9 505	9 900	10 365	15 805
B. Max. digging reach on ground	mm	8 975	9 445	9 835	10 305	8 870	9 345	9 740	10 215	15 705
C. Max. digging depth	mm	5 925	6 425	6 825	7 425	5 505	5 995	6 400	6 945	12 140
D. Max. digging depth (l=2.44 m level)	mm	5 670	6 205	6 635	7 235	5 385	5 885	6 295	6 845	12 035
E. Max. vertical wall digging depth	mm	4 315	5 070	5 535	5 885	4 125	4 735	5 150	5 645	10 860
F. Max. cutting height	mm	8 925	9 205	9 445	9 450	10 015	10 395	10 715	10 930	13 260
G. Max. dumping height	mm	6 090	6 330	6 555	6 600	7 005	7 365	7 680	7 910	10 905
H. Min. front swing radius	mm	3 660	3 670	3 645	3 630	2 895	2 735	2 465	2 740	5 205

Description	Unit	EC230F NH							
Boom	m	5.7				5.57			
Arm	m	2.0	2.5	2.9	3.5	2.0	2.5	2.9	3.5
A. Max. digging reach	mm	9 145	9 605	9 995	10 450	9 040	9 505	9 900	10 365
B. Max. digging reach on ground	mm	8 960	9 430	9 825	10 290	8 855	9 330	9 730	10 205
C. Max. digging depth	mm	5 860	6 360	6 760	7 360	5 440	5 930	6 335	6 880
D. Max. digging depth (l=2.44 m level)	mm	5 605	6 140	6 570	7 170	5 320	5 820	6 230	6 780
E. Max. vertical wall digging depth	mm	4 250	5 005	5 600	5 820	4 060	4 670	5 085	5 580
F. Max. cutting height	mm	8 990	9 270	9 510	9 515	10 080	10 460	10 780	10 995
G. Max. dumping height	mm	6 155	6 395	6 620	6 665	7 070	7 430	7 745	7 975
H. Min. front swing radius	mm	3 660	3 670	3 645	3 630	2 895	2 735	2 465	2 740

DIGGING FORCES WITH DIRECT FIT BUCKET

Bucket radius			mm	1 528	1 528	1 528	1 528	1 528	1 528	1 528	1 528	1 250
Breakout force (bucket)	Normal	SAE J1179	kN	146	125	125	125	146	125	125	125	68
	Power boost	SAE J1179	kN	154	132	132	132	154	132	132	132	-
	Normal	ISO 6015	kN	165	141	141	141	165	141	141	141	77
	Power boost	ISO 6015	kN	174	149	149	149	174	149	149	149	-
Tearout force (arm)	Normal	SAE J1179	kN	144	117	101	92	144	117	101	92	44
	Power boost	SAE J1179	kN	153	124	107	97	153	124	107	97	-
	Normal	ISO 6015	kN	149	121	104	94	149	121	104	94	45
	Power boost	ISO 6015	kN	158	128	110	99	158	128	110	99	-
Rotation angle, bucket			°	166	175	175	175	166	175	175	175	178

Specifications

GROUND PRESSURE

EC230F L

Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	22 750	56.9	2 890	22 750	56.9	2 890
	600	23 010	48.0	2 990	23 010	48.0	2 990
	600 (HD)	23 140	48.0	2 990	23 140	48.0	2 990
	700	23 420	41.2	3 090	23 430	41.2	3 090
	800	23 710	37.3	3 190	23 710	37.3	3 190
900	23 990	33.3	3 290	23 990	33.3	3 290	
Single grouser	600	23 210	48.0	2 990	23 220	48.0	2 990
Double grouser	700	23 730	42.2	3 090	23 730	42.2	3 090

		EC230F L, 5.7 m GP boom, 2.5 m HD arm, 1 036 kg bucket, 4 600 kg counterweight			EC230F L, 5.7 m GP boom, 2.9 m GP arm, 1 036 kg bucket, 4 600 kg counterweight		
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	22 800	56.9	2 890	22 880	56.9	2 890
	600	23 060	48.0	2 990	23 140	48.0	2 990
	600 (HD)	23 190	48.0	2 990	23 270	48.0	2 990
	700	23 480	42.2	3 090	23 550	42.2	3 090
	800	23 760	37.3	3 190	23 840	37.3	3 190
900	24 040	33.3	3 290	24 120	33.3	3 290	
Single grouser	600	23 270	48.0	2 990	23 340	48.0	2 990
Double grouser	700	23 780	42.2	3 090	23 860	42.2	3 090

		EC230F L, 5.7 m GP boom, 2.9 m HD arm, 1 036 kg bucket, 4 600 kg counterweight			EC230F L, 5.7 m GP boom, 3.5 m GP arm, 1 036 kg bucket, 4 600 kg counterweight		
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	22 870	56.9	2 890	22 870	56.9	2 890
	600	23 130	48.0	2 990	23 130	48.0	2 990
	600 (HD)	23 260	48.0	2 990	23 260	48.0	2 990
	700	23 550	42.2	3 090	23 540	42.2	3 090
	800	23 830	37.3	3 190	23 830	37.3	3 190
900	24 110	33.3	3 290	24 110	33.3	3 290	
Single grouser	600	23 340	48.0	2 990	23 330	48.0	2 990
Double grouser	700	23 850	42.2	3 090	23 850	42.2	3 090

		EC230F L, 5.7 m HD boom, 2.0 m ME arm, 1 036 kg bucket, 4 600 kg counterweight			EC230F L, 5.7 m HD boom, 2.5 m HD arm, 1 036 kg bucket, 4 600 kg counterweight		
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	22 870	56.9	2 890	22 920	56.9	2 890
	600	23 130	48.0	2 990	23 180	48.0	2 990
	600 (HD)	23 260	48.0	2 990	23 310	48.0	2 990
	700	23 550	42.2	3 090	23 600	42.2	3 090
	800	23 830	37.3	3 190	23 880	37.3	3 190
900	24 110	33.3	3 290	24 160	33.3	3 290	
Single grouser	600	23 340	48.0	2 990	23 390	48.0	2 990
Double grouser	700	23 850	42.2	3 090	23 900	42.2	3 090

		EC230F L, 5.7 m HD boom, 2.9 m GP arm, 1 036 kg bucket, 4 600 kg counterweight			EC230F L, 5.7 m HD boom, 2.9 m HD arm, 1 036 kg bucket, 4 600 kg counterweight		
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	23 000	56.9	2 890	23 390	57.9	2 890
	600	23 260	48.0	2 990	23 640	49.0	2 990
	600 (HD)	23 390	48.0	2 990	23 780	49.0	2 990
	700	23 670	42.2	3 090	24 060	43.1	3 090
	800	23 960	37.3	3 190	24 340	38.2	3 190
900	24 240	33.3	3 290	24 620	34.3	3 290	
Single grouser	600	23 460	48.0	2 990	23 850	49.0	2 990
Double grouser	700	23 980	42.2	3 090	24 370	43.1	3 090

		EC230F L, 5.7 m HD boom, 3.5 m GP arm, 1 036 kg bucket, 4 600 kg counterweight			EC230F L, 5.57 m 2-pieces boom, 2.9 m GP arm, 1 036 kg bucket, 4 600 kg counterweight		
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GROUND PRESSURE

Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	23 430	57.9	2 890	23 510	58.38	2 890
	600	23 690	49.0	2 990	23 770	49.0	2 990
	600 (HD)	23 830	49.0	2 990	23 900	50.0	2 990
	700	24 110	43.1	3 090	24 190	43.1	3 090
	800	24 390	38.2	3 190	24 470	38.2	3 190
	900	24 670	34.3	3 290	24 750	34.3	3 290
Single grouser	600	23 900	50.0	2 990	23 980	50.0	2 990
Double grouser	700	24 420	43.1	3 090	24 490	43.1	3 090
				EC230F L, 5.57 m 2-pieces boom, 2.9 m HD arm, 1 036 kg bucket, 4 600 kg counterweight		EC230F L, 5.57 m 2-pieces boom, 3.5 m GP arm, 1 036 kg bucket, 4 600 kg counterweight	
EC230F N							
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	22 620	51.0	2 800	22 620	51.0	2 800
	600 (HD)	22 740	51.0	2 800	22 750	51.0	2 800
	700	23 010	44.1	2 900	23 010	44.1	2 900
	800	23 270	39.2	3 000	23 280	39.2	3 000
	900	23 540	35.3	3 100	23 540	35.3	3 100
					EC230F N, 5.7 m GP boom, 2.5 m HD arm, 1 036 kg bucket, 4 600 kg counterweight		EC230F N, 5.7 m GP boom, 2.9 m GP arm, 1 036 kg bucket, 4 600 kg counterweight
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	22 670	51.0	2 800	22 750	51.0	2 800
	600 (HD)	22 800	51.0	2 800	22 870	51.0	2 800
	700	23 060	44.1	2 900	23 140	44.1	2 900
	800	23 330	39.2	3 000	23 400	39.2	3 000
	900	23 590	35.3	3 100	23 670	35.3	3 100
					EC230F N, 5.7 m GP boom, 2.9 m HD arm, 1 036 kg bucket, 4 600 kg counterweight		EC230F N, 5.7 m GP boom, 3.5 m GP arm, 1 036 kg bucket, 4 600 kg counterweight
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	22 740	51.0	2 800	22 740	51.0	2 800
	600 (HD)	22 860	51.0	2 800	22 860	51.0	2 800
	700	23 130	44.1	2 900	23 130	44.1	2 900
	800	23 390	39.2	3 000	23 390	39.2	3 000
	900	23 660	35.3	3 100	23 660	35.3	3 100
					EC230F N, 5.7 m HD boom, 2.0 m ME arm, 1 036 kg bucket, 4 600 kg counterweight		EC230F N, 5.7 m HD boom, 2.5 m HD arm, 1 036 kg bucket, 4 600 kg counterweight
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	22 740	51.0	2 800	22 790	51.0	2 800
	600 (HD)	22 860	51.0	2 800	22 910	51.0	2 800
	700	23 130	44.1	2 900	23 180	44.1	2 900
	800	23 400	39.2	3 000	23 450	39.2	3 000
	900	23 660	35.3	3 100	23 710	35.3	3 100
					EC230F N, 5.7 m HD boom, 2.9 m GP arm, 1 036 kg bucket, 4 600 kg counterweight		EC230F N, 5.7 m HD boom, 2.9 m HD arm, 1 036 kg bucket, 4 600 kg counterweight
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	22 870	51.0	2 800	23 250	52.0	2 800
	600 (HD)	22 990	51.0	2 800	23 380	52.0	2 800
	700	23 260	45.1	2 900	23 650	45.1	2 900
	800	23 520	39.2	3 000	23 910	40.2	3 000
	900	23 790	35.3	3 100	24 170	36.3	3 100
					EC230F N, 5.7 m HD boom, 3.5 m GP arm, 1 036 kg bucket, 4 600 kg counterweight		EC230F N, 5.57 m 2-pieces boom, 2.9 m GP arm, 1 036 kg bucket, 4 600 kg counterweight
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	23 300	52.0	2 800	23 380	52.0	2 800
	600 (HD)	23 430	52.0	2 800	23 500	53.0	2 800
	700	23 700	45.1	2 900	23 770	46.1	2 900
	800	23 960	40.2	3 000	24 030	40.2	3 000
	900	24 220	36.3	3 100	24 300	36.3	3 100
					EC230F N, 5.57 m 2-pieces boom, 2.9 m HD arm, 1 036 kg bucket, 4 600 kg counterweight		EC230F N, 5.57 m 2-pieces boom, 3.5 m GP arm, 1 036 kg bucket, 4 600 kg counterweight

Specifications

GROUND PRESSURE

EC230F L

Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	23 500	58.8	2 890	23 510	58.8	2 890
	600	23 760	49.0	2 990	23 760	49.0	2 990
	600 (HD)	23 930	50.0	2 990	23 930	50.0	2 990
	700	24 220	43.1	3 090	24 220	43.1	3 090
	800	24 500	38.2	3 190	24 510	38.2	3 190
900	24 790	34.3	3 290	24 790	34.3	3 290	
Single grouser	600	23 890	50.0	2 990	23 900	50.0	2 990
Double grouser	700	24 480	43.1	3 090	24 480	43.1	3 090
		EC230F L, 5.7 m GP boom, 2.5 m HD arm, 1 036 kg bucket, 5 400 kg counterweight			EC230F L, 5.7 m GP boom, 2.9 m GP arm, 1 036 kg bucket, 5 400 kg counterweight		
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	23 560	58.8	2 890	23 630	58.8	2 890
	600	23 810	49.0	2 990	23 890	50.0	2 990
	600 (HD)	23 980	50.0	2 990	24 060	50.0	2 990
	700	24 270	43.1	3 090	24 350	43.1	3 090
	800	24 560	38.2	3 190	24 630	38.2	3 190
900	24 840	34.3	3 290	24 920	34.3	3 290	
Single grouser	600	23 950	50.0	2 990	24 020	50.0	2 990
Double grouser	700	24 530	43.1	3 090	24 610	44.1	3 090
		EC230F L, 5.7 m GP boom, 2.9 m HD arm, 1 036 kg bucket, 5 400 kg counterweight			EC230F L, 5.7 m GP boom, 3.5 m GP arm, 1 036 kg bucket, 5 400 kg counterweight		
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	23 620	58.8	2 890	23 620	58.8	2 890
	600	23 880	49.0	2 990	23 880	49.0	2 990
	600 (HD)	24 050	50.0	2 990	24 050	50.0	2 990
	700	24 340	43.1	3 090	24 340	43.1	3 090
	800	24 620	38.2	3 190	24 620	38.2	3 190
900	24 910	34.3	3 290	24 910	34.3	3 290	
Single grouser	600	24 010	50.0	2 990	24 010	50.0	2 990
Double grouser	700	24 600	44.1	3 090	24 600	44.1	3 090
		EC230F L, 5.7 m HD boom, 2.0 m ME arm, 1 036 kg bucket, 5 400 kg counterweight			EC230F L, 5.7 m HD boom, 2.5 m HD arm, 1 036 kg bucket, 5 400 kg counterweight		
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	23 620	58.8	2 890	23 670	58.8	2 890
	600	23 880	49.0	2 990	23 930	50.0	2 990
	600 (HD)	24 050	50.0	2 990	24 100	50.0	2 990
	700	24 340	43.1	3 090	24 390	43.1	3 090
	800	24 630	38.2	3 190	24 670	38.2	3 190
900	24 910	34.3	3 290	24 960	34.3	3 290	
Single grouser	600	24 020	50.0	2 990	24 070	50.0	2 990
Double grouser	700	24 600	44.1	3 090	24 650	44.1	3 090
		EC230F L, 5.7 m HD boom, 2.9 m GP arm, 1 036 kg bucket, 5 400 kg counterweight			EC230F L, 5.7 m HD boom, 2.9 m HD arm, 1 036 kg bucket, 5 400 kg counterweight		
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	23 750	58.8	2 890	24 140	59.8	2 890
	600	24 010	50.0	2 990	24 400	51.0	2 990
	600 (HD)	24 180	50.0	2 990	24 560	51.0	2 990
	700	24 470	43.1	3 090	24 850	44.1	3 090
	800	24 750	38.2	3 190	25 140	39.2	3 190
900	25 040	34.3	3 290	25 420	35.3	3 290	
Single grouser	600	24 140	50.0	2 990	24 530	51.0	2 990
Double grouser	700	24 730	44.1	3 090	25 110	45.1	3 090
		EC230F L, 5.7 m HD boom, 3.5 m GP arm, 1 036 kg bucket, 5 400 kg counterweight			EC230F L, 5.57 m 2-pieces boom, 2.9 m GP arm, 1 036 kg bucket, 5 400 kg counterweight		
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	24 190	59.8	2 890	24 260	60.8	2 890
	600	24 450	51.0	2 990	24 520	51.0	2 990
	600 (HD)	24 610	51.0	2 990	24 690	51.0	2 990
	700	24 900	44.1	3 090	24 980	44.1	3 090
	800	25 190	39.2	3 190	25 260	39.2	3 190
900	25 470	35.3	3 290	25 550	35.3	3 290	
Single grouser	600	24 580	51.0	2 990	24 650	51.0	2 990
Double grouser	700	25 160	45.1	3 090	25 240	45.1	3 090
		EC230F L, 5.57 m 2-pieces boom, 2.9 m HD arm, 1 036 kg bucket, 5 400 kg counterweight			EC230F L, 5.57 m 2-pieces boom, 3.5 m GP arm, 1 036 kg bucket, 5 400 kg counterweight		

GROUND PRESSURE

EC230F NL							
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	23 380	57.9	2 540	23 390	57.9	2 540
	600	23 640	49.0	2 640	23 650	49.0	2 640
	600 (HD)	23 810	49.0	2 640	23 810	49.0	2 640
	700	24 100	43.1	2 740	24 100	43.1	2 740
Double grouser	700	24 360	43.1	2 740	24 360	43.1	2 740
				EC230F NL, 5.7 m GP boom, 2.5 m HD arm, 1 036 kg bucket, 5 400 kg counterweight			
				EC230F NL, 5.7 m GP boom, 2.9 m GP arm, 1 036 kg bucket, 5 400 kg counterweight			
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	23 440	57.9	2 540	23 510	58.8	2 540
	600	23 700	49.0	2 640	23 770	49.0	2 640
	600 (HD)	23 860	49.0	2 640	23 940	50.0	2 640
	700	24 150	43.1	2 740	24 230	43.1	2 740
Double grouser	700	24 410	43.1	2 740	24 490	43.1	2 740
				EC230F NL, 5.7 m GP boom, 2.9 m HD arm, 1 036 kg bucket, 5 400 kg counterweight			
				EC230F NL, 5.7 m GP boom, 3.5 m GP arm, 1 036 kg bucket, 5 400 kg counterweight			
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	23 500	58.8	2 540	23 500	58.8	2 540
	600	23 760	49.0	2 640	23 760	49.0	2 640
	600 (HD)	23 930	50.0	2 640	23 930	50.0	2 640
	700	24 220	43.1	2 740	24 220	43.1	2 740
Double grouser	700	24 480	43.1	2 740	24 480	43.1	2 740
				EC230F NL, 5.7 m HD boom, 2.0 m ME arm, 1 036 kg bucket, 5 400 kg counterweight			
				EC230F NL, 5.7 m HD boom, 2.5 m HD arm, 1 036 kg bucket, 5 400 kg counterweight			
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	23 510	58.8	2 540	23 560	58.8	2 540
	600	23 770	49.0	2 640	23 820	49.0	2 640
	600 (HD)	23 930	50.0	2 640	23 980	50.0	2 640
	700	24 220	43.1	2 740	24 270	43.1	2 740
Double grouser	700	24 480	43.1	2 740	24 530	43.1	2 740
				EC230F NL, 5.7 m HD boom, 2.9 m GP arm, 1 036 kg bucket, 5 400 kg counterweight			
				EC230F NL, 5.7 m HD boom, 2.9 m HD arm, 1 036 kg bucket, 5 400 kg counterweight			
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	23 630	58.8	2 540	24 020	59.8	2 540
	600	23 890	50.0	2 640	24 280	50.0	2 640
	600 (HD)	24 060	50.0	2 640	24 450	51.0	2 640
	700	24 350	43.1	2 740	24 740	44.1	2 740
Double grouser	700	24 610	44.1	2 740	25 000	44.1	2 740
				EC230F NL, 5.7 m HD boom, 3.5 m GP arm, 1 036 kg bucket, 5 400 kg counterweight			
				EC230F NL, 5.57 m 2-pieces boom, 2.9 m GP arm, 1 036 kg bucket, 5 400 kg counterweight			
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	24 070	59.8	2 540	24 150	59.8	2 540
	600	24 330	50.0	2 640	24 400	51.0	2 640
	600 (HD)	24 500	51.0	2 640	24 570	51.0	2 640
	700	24 790	44.1	2 740	24 860	44.1	2 740
Double grouser	700	25 050	44.1	2 740	25 120	45.1	2 740
				EC230F NL, 5.57 m 2-pieces boom, 2.9 m HD arm, 1 036 kg bucket, 5 400 kg counterweight			
				EC230F NL, 5.57 m 2-pieces boom, 3.5 m GP arm, 1 036 kg bucket, 5 400 kg counterweight			

Specifications

GROUND PRESSURE

EC230F N

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	23 370	52.0	2 800	23 380	52.0	2 800
	600 (HD)	23 530	53.0	2 800	23 530	53.0	2 800
	700	23 800	46.1	2 900	23 800	46.1	2 900
	800	24 070	40.2	3 000	24 070	40.2	3 000
	900	24 340	36.3	3 100	24 340	36.3	3 100
EC230F N, 5.7 m GP boom, 2.5 m HD arm, 1 036 kg bucket, 5 400 kg counterweight				EC230F N, 5.7 m GP boom, 2.9 m GP arm, 1 036 kg bucket, 5 400 kg counterweight			
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	23 430	52.0	2 800	23 500	53.0	2 800
	600 (HD)	23 580	53.0	2 800	23 660	53.0	2 800
	700	23 850	46.1	2 900	23 930	46.1	2 900
	800	24 120	40.2	3 000	24 200	40.2	3 000
	900	24 390	36.3	3 100	24 470	36.3	3 100
EC230F N, 5.7 m GP boom, 2.9 m HD arm, 1 036 kg bucket, 5 400 kg counterweight				EC230F N, 5.7 m GP boom, 3.5 m GP arm, 1 036 kg bucket, 5 400 kg counterweight			
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	23 490	53.0	2 800	23 490	53.0	2 800
	600 (HD)	23 650	53.0	2 800	23 650	53.0	2 800
	700	23 920	46.1	2 900	23 920	46.1	2 900
	800	24 190	40.2	3 000	24 190	40.2	3 000
	900	24 460	36.3	3 100	24 450	36.3	3 100
EC230F N, 5.7 m HD boom, 2.0 m ME arm, 1 036 kg bucket, 5 400 kg counterweight				EC230F N, 5.7 m HD boom, 2.5 m HD arm, 1 036 kg bucket, 5 400 kg counterweight			
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	23 490	53.0	2 800	23 540	53.0	2 800
	600 (HD)	23 650	53.0	2 800	23 700	53.0	2 800
	700	23 920	46.1	2 900	23 970	46.1	2 900
	800	24 190	40.2	3 000	24 240	40.2	3 000
	900	24 460	36.3	3 100	24 510	36.3	3 100
EC230F N, 5.7 m HD boom, 2.9 m GP arm, 1 036 kg bucket, 5 400 kg counterweight				EC230F N, 5.7 m HD boom, 2.9 m HD arm, 1 036 kg bucket, 5 400 kg counterweight			
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	23 620	53.0	2 800	24 010	53.9	2 800
	600 (HD)	23 780	53.0	2 800	24 170	53.9	2 800
	700	24 050	46.1	2 900	24 440	47.1	2 900
	800	24 320	41.2	3 000	24 700	41.2	3 000
	900	24 580	36.3	3 100	24 970	37.3	3 100
EC230F N, 5.7 m HD boom, 3.5 m GP arm, 1 036 kg bucket, 5 400 kg counterweight				EC230F N, 5.57 m 2-pieces boom, 2.9 m GP arm, 1 036 kg bucket, 5 400 kg counterweight			
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	24 060	53.9	2 800	24 130	59.8	2 800
	600 (HD)	24 220	53.9	2 800	24 290	50.0	2 800
	700	24 490	47.1	2 900	24 560	51.0	2 900
	800	24 750	41.2	3 000	24 830	44.1	3 000
	900	25 020	37.3	3 100	25 100	44.1	3 100
EC230F N, 5.57 m 2-pieces boom, 2.9 m HD arm, 1 036 kg bucket, 5 400 kg counterweight				EC230F N, 5.57 m 2-pieces boom, 3.5 m GP arm, 1 036 kg bucket, 5 400 kg counterweight			

GROUND PRESSURE

EC230F NH

Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	24 090	64.7	2 540	24 100	64.7	2 540
	600	24 400	54.9	2 640	24 400	54.9	2 640
	700	24 930	48.0	2 740	24 930	48.0	2 740

		EC230F NH, 5.7 m GP boom, 2.5 m HD arm, 1 036 kg bucket, 5 400 kg counterweight			EC230F NH, 5.7 m GP boom, 2.9 m GP arm, 1 036 kg bucket, 5 400 kg counterweight		
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	24 150	64.7	2 540	24 220	64.7	2 540
	600	24 450	54.9	2 640	24 530	54.9	2 640
	700	24 980	48.0	2 740	25 060	48.0	2 740

		EC230F NH, 5.7 m GP boom, 2.9 m HD arm, 1 036 kg bucket, 5 400 kg counterweight			EC230F NH, 5.7 m GP boom, 3.5 m GP arm, 1 036 kg bucket, 5 400 kg counterweight		
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	24 210	64.7	2 540	24 210	64.7	2 540
	600	24 520	54.9	2 640	24 520	54.9	2 640
	700	25 050	48.0	2 740	25 050	48.0	2 740

		EC230F NH, 5.7 m HD boom, 2.0 m ME arm, 1 036 kg bucket, 5 400 kg counterweight			EC230F NH, 5.7 m HD boom, 2.5 m HD arm, 1 036 kg bucket, 5 400 kg counterweight		
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	24 220	64.7	2 540	24 270	64.7	2 540
	600	24 520	54.9	2 640	24 570	54.9	2 640
	700	25 050	48.0	2 740	25 100	48.0	2 740

		EC230F NH, 5.7 m HD boom, 2.9 m GP arm, 1 036 kg bucket, 5 400 kg counterweight			EC230F NH, 5.7 m HD boom, 2.9 m HD arm, 1 036 kg bucket, 5 400 kg counterweight		
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	24 340	65.7	2 540	24 730	66.7	2 540
	600	24 650	54.9	2 640	25 030	55.9	2 640
	700	25 180	48.0	2 740	25 560	49.0	2 740

		EC230F NH, 5.7 m HD boom, 3.5 m GP arm, 1 036 kg bucket, 5 400 kg counterweight			EC230F NH, 5.57 m 2-pieces boom, 2.9 m GP arm, 1 036 kg bucket, 5 400 kg counterweight		
Description	Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm	kg	kPa	mm
Triple grouser	500	24 780	66.7	2 540	24 860	61.8	2 540
	600	25 080	55.9	2 640	25 160	52.0	2 640
	700	25 610	49.0	2 740	25 690	46.1	2 740

		EC230F NH, 5.57 m 2-pieces boom, 2.9 m HD arm, 1 036 kg bucket, 5 400 kg counterweight			EC230F NH, 5.57 m 2-pieces boom, 3.5 m GP arm, 1 036 kg bucket, 5 400 kg counterweight		
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EC230F LR

Description	Shoe width	Operating weight	Ground pressure	Overall width
	mm	kg	kPa	mm
Triple grouser	800	24 700	38.2	3 190
	900	24 980	34.3	3 290

		EC230F LR, 8.85 m LR boom, 6.25 m LR arm, 452 kg bucket, 5 400 kg counterweight		
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Specifications

BUCKET SELECTION GUIDE

EC230F L with 600 mm shoe, 4 600 kg counterweight

Bucket Type		Capacity L	Cutting width mm	Weight kg	Teeth EA	Recommended maximum material density (kg/m ³)							
						5.7 m GP Boom				5.7 m HD Boom			
						H2.5 m Arm	G2.9 m Arm	H2.9 m Arm	G3.5 m Arm	H2.5 m Arm	G2.9 m Arm	H2.9 m Arm	G3.5 m Arm
Direct fit Buckets	GP	480	600	666	3	1800	1800	1800	1800	1800	1800	1800	1800
		590	750	711	3	1800	1800	1800	1800	1800	1800	1800	1800
		630	800	703	4	1800	1800	1800	1800	1800	1800	1800	1800
		750	900	749	4	1800	1800	1800	1800	1800	1800	1800	1800
		750	900	792	4	1800	1800	1800	1800	1800	1800	1800	1800
		920	1050	862	4	1800	1800	1800	1800	1800	1800	1800	1800
		920	1050	819	4	1800	1800	1800	1800	1800	1800	1800	1800
		1090	1200	908	5	1800	1800	1800	1800	1800	1800	1800	1800
		1090	1200	951	5	1800	1800	1800	1800	1800	1800	1800	1800
		1270	1350	1038	5	1800	1800	1800	1700	1800	1800	1800	1700
		1270	1350	995	5	1800	1800	1800	1800	1800	1800	1800	1800
		1440	1500	1085	6	1800	1700	1700	1500	1800	1700	1700	1500
		1320	1420	999	5	1800	1800	1800	1700	1800	1800	1800	1700
	1320	1420	1041	5	1800	1800	1800	1700	1800	1800	1800	1600	
	HD	480	600	738	3	2100	2100	2100	2100	2100	2100	2100	2100
		480	600	675	3	2100	2100	2100	2100	2100	2100	2100	2100
		750	900	872	4	2100	2100	2100	2100	2100	2100	2100	2100
		750	900	808	4	2100	2100	2100	2100	2100	2100	2100	2100
		920	1050	951	4	2100	2100	2100	2100	2100	2100	2100	2100
		920	1050	888	4	2100	2100	2100	2100	2100	2100	2100	2100
		1090	1200	1046	5	2100	2100	2100	2000	2100	2100	2100	2000
		1090	1200	983	5	2100	2100	2100	2100	2100	2100	2100	2100
		1270	1380	1045	5	2100	2000	2000	1700	2100	2000	1900	1700
		1270	1380	1108	5	2100	1900	1900	1700	2100	1900	1900	1700
		Direct fit Buckets	GP	480	600	666	3	1800	1800	1800	1800		
				590	750	711	3	1800	1800	1800	1800		
630				800	703	4	1800	1800	1800	1800			
750	900			749	4	1800	1800	1800	1800				
750	900			792	4	1800	1800	1800	1800				
920	1050			862	4	1800	1800	1800	1800				
920	1050			819	4	1800	1800	1800	1800				
1090	1200			908	5	1800	1800	1800	1800				
1090	1200			951	5	1800	1800	1800	1800				
1270	1350			1038	5	1800	1800	1800	1700				
1270	1350			995	5	1800	1800	1800	1800				
1440	1500			1085	6	1800	1700	1700	1500				
1320	1420			999	5	1800	1800	1800	1700				
1320	1420		1041	5	1800	1800	1800	1700					
HD	480		600	738	3	2100	2100	2100	2100				
	480		600	675	3	2100	2100	2100	2100				
	750		900	872	4	2100	2100	2100	2100				
	750		900	808	4	2100	2100	2100	2100				
	920		1050	951	4	2100	2100	2100	2100				
	920		1050	888	4	2100	2100	2100	2100				
	1090		1200	1046	5	2100	2100	2100	2000				
	1090		1200	983	5	2100	2100	2100	2100				
	1270		1380	1045	5	2100	2000	2000	1700				
	1270		1380	1108	5	2100	1900	1900	1700				

BUCKET SELECTION GUIDE

EC230F N with 600 mm shoe, 4 600 kg counterweight

Bucket Type		Capacity	Cutting width	Weight	Teeth	Recommended maximum material density (kg/m ³)									
						5.7 m GP Boom				5.7 m HD Boom					
						L	mm	kg	EA	H2.5 m Arm	G2.9 m Arm	H2.9 m Arm	G3.5 m Arm	H2.5 m Arm	G2.9 m Arm
Direct fit Buckets	GP	480	600	666	3	1800	1800	1800	1800	1800	1800	1800	1800		
		590	750	711	3	1800	1800	1800	1800	1800	1800	1800	1800		
		630	800	703	4	1800	1800	1800	1800	1800	1800	1800	1800		
		750	900	749	4	1800	1800	1800	1800	1800	1800	1800	1800		
		750	900	792	4	1800	1800	1800	1800	1800	1800	1800	1800		
		920	1050	862	4	1800	1800	1800	1800	1800	1800	1800	1800		
		920	1050	819	4	1800	1800	1800	1800	1800	1800	1800	1800		
		1090	1200	908	5	1800	1800	1800	1800	1800	1800	1800	1800		
		1090	1200	951	5	1800	1800	1800	1800	1800	1800	1800	1800		
		1270	1350	1038	5	1800	1700	1700	1500	1800	1700	1700	1500		
		1270	1350	995	5	1800	1800	1700	1500	1800	1700	1700	1500		
		1440	1500	1085	6	1600	1500	1500	1300	1600	1500	1400	1300		
		1320	1420	999	5	1800	1700	1700	1400	1800	1700	1600	1400		
	1320	1420	1041	5	1800	1600	1600	1400	1800	1600	1600	1400			
	HD	480	600	738	3	2100	2100	2100	2100	2100	2100	2100	2100		
		480	600	675	3	2100	2100	2100	2100	2100	2100	2100	2100		
		750	900	872	4	2100	2100	2100	2100	2100	2100	2100	2100		
		750	900	808	4	2100	2100	2100	2100	2100	2100	2100	2100		
		920	1050	951	4	2100	2100	2100	2100	2100	2100	2100	2100		
		920	1050	888	4	2100	2100	2100	2100	2100	2100	2100	2100		
		1090	1200	1046	5	2100	2000	2000	1700	2100	2000	2000	1700		
		1090	1200	983	5	2100	2100	2000	1800	2100	2000	2000	1800		
		1270	1380	1045	5	1900	1700	1700	1500	1800	1700	1700	1500		
		1270	1380	1108	5	1800	1700	1600	1400	1800	1600	1600	1400		
		Direct fit Buckets	GP	480	600	666	3	1800	1800	1800	1800				
				590	750	711	3	1800	1800	1800	1800				
630				800	703	4	1800	1800	1800	1800					
750	900			749	4	1800	1800	1800	1800						
750	900			792	4	1800	1800	1800	1800						
920	1050			862	4	1800	1800	1800	1800						
920	1050			819	4	1800	1800	1800	1800						
1090	1200			908	5	1800	1800	1800	1800						
1090	1200			951	5	1800	1800	1800	1800						
1270	1350			1038	5	1800	1700	1700	1500						
1270	1350			995	5	1800	1700	1700	1500						
1440	1500			1085	6	1600	1500	1400	1200						
1320	1420			999	5	1800	1700	1600	1400						
1320	1420		1041	5	1800	1600	1600	1400							
HD	480		600	738	3	2100	2100	2100	2100						
	480		600	675	3	2100	2100	2100	2100						
	750		900	872	4	2100	2100	2100	2100						
	750		900	808	4	2100	2100	2100	2100						
	920		1050	951	4	2100	2100	2100	2100						
	920		1050	888	4	2100	2100	2100	2100						
	1090		1200	1046	5	2100	2000	2000	1700						
	1090		1200	983	5	2100	2000	2000	1800						
	1270		1380	1045	5	1900	1700	1700	1500						
	1270		1380	1108	5	1800	1700	1600	1400						

Specifications

BUCKET SELECTION GUIDE

EC230F NL with 600 mm shoe, 5 400 kg counterweight

Bucket Type		Capacity L	Cutting width mm	Weight kg	Teeth EA	Recommended maximum material density (kg/m ³)							
						5.7 m GP Boom				5.7 m HD Boom			
						H2.5 m Arm	G2.9 m Arm	H2.9 m Arm	G3.5 m Arm	H2.5 m Arm	G2.9 m Arm	H2.9 m Arm	G3.5 m Arm
Direct fit Buckets	GP	480	600	666	3	1800	1800	1800	1800	1800	1800	1800	1800
		590	750	711	3	1800	1800	1800	1800	1800	1800	1800	1800
		630	800	703	4	1800	1800	1800	1800	1800	1800	1800	1800
		750	900	749	4	1800	1800	1800	1800	1800	1800	1800	1800
		750	900	792	4	1800	1800	1800	1800	1800	1800	1800	1800
		920	1050	862	4	1800	1800	1800	1800	1800	1800	1800	1800
		920	1050	819	4	1800	1800	1800	1800	1800	1800	1800	1800
		1090	1200	908	5	1800	1800	1800	1800	1800	1800	1800	1800
		1090	1200	951	5	1800	1800	1800	1800	1800	1800	1800	1800
		1270	1350	1038	5	1800	1800	1800	1600	1800	1800	1800	1600
	1270	1350	995	5	1800	1800	1800	1600	1800	1800	1800	1600	
	1440	1500	1085	6	1700	1600	1500	1400	1700	1600	1500	1300	
	1320	1420	999	5	1800	1800	1800	1500	1800	1800	1700	1500	
	1320	1420	1041	5	1800	1800	1700	1500	1800	1700	1700	1500	
	HD	480	600	738	3	2100	2100	2100	2100	2100	2100	2100	2100
		480	600	675	3	2100	2100	2100	2100	2100	2100	2100	2100
		750	900	872	4	2100	2100	2100	2100	2100	2100	2100	2100
		750	900	808	4	2100	2100	2100	2100	2100	2100	2100	2100
		920	1050	951	4	2100	2100	2100	2100	2100	2100	2100	2100
		920	1050	888	4	2100	2100	2100	2100	2100	2100	2100	2100
1090		1200	1046	5	2100	2100	2100	1800	2100	2100	2100	1800	
1090		1200	983	5	2100	2100	2100	1900	2100	2100	2100	1900	
1270		1380	1045	5	2000	1800	1800	1600	2000	1800	1800	1600	
1270		1380	1108	5	1900	1800	1700	1500	1900	1800	1700	1500	
Bucket Type		Capacity L	Cutting width mm	Weight kg	Teeth EA	Recommended maximum material density (kg/m ³)							
						5.57 m VA Boom							
						H2.5 m Arm	G2.9 m Arm	H2.9 m Arm	G3.5 m Arm				
Direct fit Buckets	GP	480	600	666	3	1800	1800	1800	1800				
		590	750	711	3	1800	1800	1800	1800				
		630	800	703	4	1800	1800	1800	1800				
		750	900	749	4	1800	1800	1800	1800				
		750	900	792	4	1800	1800	1800	1800				
		920	1050	862	4	1800	1800	1800	1800				
		920	1050	819	4	1800	1800	1800	1800				
		1090	1200	908	5	1800	1800	1800	1800				
		1090	1200	951	5	1800	1800	1800	1800				
		1270	1350	1038	5	1800	1800	1800	1600				
	1270	1350	995	5	1800	1800	1800	1600					
	1440	1500	1085	6	1700	1600	1500	1300					
	1320	1420	999	5	1800	1800	1700	1500					
	1320	1420	1041	5	1800	1700	1700	1500					
	HD	480	600	738	3	2100	2100	2100	2100				
		480	600	675	3	2100	2100	2100	2100				
		750	900	872	4	2100	2100	2100	2100				
		750	900	808	4	2100	2100	2100	2100				
		920	1050	951	4	2100	2100	2100	2100				
		920	1050	888	4	2100	2100	2100	2100				
1090		1200	1046	5	2100	2100	2100	1800					
1090		1200	983	5	2100	2100	2100	1900					
1270		1380	1045	5	2000	1800	1800	1600					
1270		1380	1108	5	1900	1800	1700	1500					

BUCKET SELECTION GUIDE

EC230F NH with 600 mm shoe, 5 400 kg counterweight

Bucket Type		Capacity	Cutting width	Weight	Teeth	Recommended maximum material density (kg/m ³)							
						5.7 m GP Boom				5.7 m HD Boom			
						L	mm	kg	EA	H2.5 m Arm	G2.9 m Arm	H2.9 m Arm	G3.5 m Arm
Direct fit Buckets	GP	480	600	666	3	1800	1800	1800	1800	1800	1800	1800	1800
		590	750	711	3	1800	1800	1800	1800	1800	1800	1800	1800
		630	800	703	4	1800	1800	1800	1800	1800	1800	1800	1800
		750	900	749	4	1800	1800	1800	1800	1800	1800	1800	1800
		750	900	792	4	1800	1800	1800	1800	1800	1800	1800	1800
		920	1050	862	4	1800	1800	1800	1800	1800	1800	1800	1800
		920	1050	819	4	1800	1800	1800	1800	1800	1800	1800	1800
		1090	1200	908	5	1800	1800	1800	1800	1800	1800	1800	1800
		1090	1200	951	5	1800	1800	1800	1800	1800	1800	1800	1800
		1270	1350	1038	5	1800	1800	1800	1700	1800	1800	1800	1700
		1270	1350	995	5	1800	1800	1800	1700	1800	1800	1800	1700
		1440	1500	1085	6	1800	1700	1600	1400	1800	1600	1600	1400
		1320	1420	999	5	1800	1800	1800	1600	1800	1800	1800	1600
	1320	1420	1041	5	1800	1800	1800	1600	1800	1800	1800	1600	
	HD	480	600	738	3	2100	2100	2100	2100	2100	2100	2100	2100
		480	600	675	3	2100	2100	2100	2100	2100	2100	2100	2100
		750	900	872	4	2100	2100	2100	2100	2100	2100	2100	2100
		750	900	808	4	2100	2100	2100	2100	2100	2100	2100	2100
		920	1050	951	4	2100	2100	2100	2100	2100	2100	2100	2100
		920	1050	888	4	2100	2100	2100	2100	2100	2100	2100	2100
		1090	1200	1046	5	2100	2100	2100	1900	2100	2100	2100	1900
		1090	1200	983	5	2100	2100	2100	2000	2100	2100	2100	2000
		1270	1380	1045	5	2100	1900	1900	1700	2100	1900	1900	1600
		1270	1380	1108	5	2000	1900	1800	1600	2000	1800	1800	1600
		Direct fit Buckets	GP	480	600	666	3	1800	1800	1800	1800		
				590	750	711	3	1800	1800	1800	1800		
630				800	703	4	1800	1800	1800	1800			
750	900			749	4	1800	1800	1800	1800				
750	900			792	4	1800	1800	1800	1800				
920	1050			862	4	1800	1800	1800	1800				
920	1050			819	4	1800	1800	1800	1800				
1090	1200			908	5	1800	1800	1800	1800				
1090	1200			951	5	1800	1800	1800	1800				
1270	1350			1038	5	1800	1800	1800	1600				
1270	1350			995	5	1800	1800	1800	1700				
1440	1500			1085	6	1800	1600	1600	1400				
1320	1420			999	5	1800	1800	1800	1600				
1320	1420		1041	5	1800	1800	1800	1600					
HD	480		600	738	3	2100	2100	2100	2100				
	480		600	675	3	2100	2100	2100	2100				
	750		900	872	4	2100	2100	2100	2100				
	750		900	808	4	2100	2100	2100	2100				
	920		1050	951	4	2100	2100	2100	2100				
	920		1050	888	4	2100	2100	2100	2100				
	1090		1200	1046	5	2100	2100	2100	1900				
	1090		1200	983	5	2100	2100	2100	2000				
	1270		1380	1045	5	2100	1900	1900	1600				
	1270		1380	1108	5	2000	1900	1800	1600				

Please consult with your Volvo dealer for the proper match of buckets and attachments to suit the application.
 (In case of using bigger bucket than regional standard MRS, consultation with R&D is highly recommended)
 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 load : Payload, bucket and additional tools such as quick coupler, rotator,
 VA Boom : Variable angle boom or two-piece boom

Specifications

LIFTING CAPACITY EC230F 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	kg	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		Max. reach		Max. m		
			Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC			
Boom :	7.5 m	kg												*6 290	*6 290	4.9	
5.7 m HD	6.0 m	kg							*6 030	5 660					*6 070	5 220	6.3
Arm :	4.5 m	kg					*7 640	*7 640	*6 410	5 510					*6 110	4 240	7.1
2.0 m ME	3.0 m	kg					*9 600	7 910	*7 210	5 270	5 850	3 800			5 830	3 790	7.5
Shoe :	1.5 m	kg							*7 990	5 040	5 750	3 710			5 630	3 630	7.6
600 mm	0 m	kg					*11 520	7 340	7 860	4 920					5 810	3 720	7.4
CWT :	-1.5 m	kg					*11 140	7 360	7 850	4 910					6 480	4 130	6.9
4 600 kg	-3.0 m	kg			*13 310	*13 310	*9 900	7 520							*7 330	5 180	5.9
Boom :	7.5 m	kg													*5 660	*5 660	5.6
5.7 m HD	6.0 m	kg							*5 480	*5 480					*5 580	4 640	6.8
Arm :	4.5 m	kg							*6 950	*6 950	*5 980	5 610	*5 650	3 950	*5 660	3 870	7.6
2.5 m HD	3.0 m	kg					*8 930	8 120	*6 850	5 350	5 910	3 850			5 360	3 500	8.0
Shoe :	1.5 m	kg					*10 680	7 610	*7 740	5 110	5 790	3 740			5 190	3 360	8.1
600 mm	0 m	kg					*11 470	7 380	7 890	4 950	5 700	3 660			5 320	3 430	7.9
CWT :	-1.5 m	kg			*10 800	*10 800	*11 390	7 350	7 830	4 900					5 840	3 740	7.4
4 600 kg	-3.0 m	kg			*14 650	14 540	*10 480	7 450	*7 740	4 970					*6 950	4 510	6.5
	-4.5 m	kg			*11 320	*11 320	*8 100	7 750							*7 090	6 720	5.0
Boom :	7.5 m	kg							*5 170	*5 170					*4 960	*4 960	6.2
5.7 m HD	6.0 m	kg							*5 060	*5 060					*4 630	4 230	7.3
Arm :	4.5 m	kg							*5 620	*5 620	*5 310	4 000			*4 570	3 590	8.0
2.9 m HD	3.0 m	kg					*8 350	8 270	*6 530	5 420	*5 700	3 890			*4 690	3 270	8.4
Shoe :	1.5 m	kg					*10 240	7 690	*7 480	5 150	5 810	3 760			4 850	3 150	8.5
600 mm	0 m	kg			*5 420	*5 420	*11 290	7 380	7 900	4 960	5 700	3 660			4 960	3 200	8.3
CWT :	-1.5 m	kg	*6 270	*6 270	*10 310	*10 310	*11 450	7 300	7 810	4 870	5 660	3 620			5 380	3 450	7.8
4 600 kg	-3.0 m	kg	*11 370	*11 370	*15 470	14 340	*10 810	7 370	7 860	4 910					6 370	4 070	7.0
	-4.5 m	kg			*12 600	*12 600	*8 970	7 620							*6 840	5 630	5.6
Boom :	7.5 m	kg							*5 190	*5 190					*4 970	*4 970	6.2
5.7 m HD	6.0 m	kg							*5 080	*5 080					*4 630	4 250	7.3
Arm :	4.5 m	kg							*5 650	*5 650	*5 340	4 030			*4 580	3 610	8.0
2.9 m GP	3.0 m	kg					*8 390	8 310	*6 570	5 450	*5 730	3 910			*4 700	3 290	8.4
Shoe :	1.5 m	kg					*10 290	7 740	*7 520	5 180	5 840	3 780			4 880	3 170	8.5
600 mm	0 m	kg			*5 430	*5 430	*11 340	7 430	7 940	4 990	5 730	3 690			4 980	3 230	8.3
CWT :	-1.5 m	kg	*6 280	*6 280	*10 320	*10 320	*11 510	7 350	7 850	4 910	5 690	3 650			5 410	3 480	7.8
4 600 kg	-3.0 m	kg	*11 380	*11 380	*15 540	14 420	*10 860	7 420	7 890	4 950					6 400	4 100	7.0
	-4.5 m	kg			*12 660	*12 660	*9 010	7 660							*6 880	5 660	5.6
Boom :	7.5 m	kg													*4 250	*4 250	6.8
5.7 m HD	6.0 m	kg							*4 990	*4 990	*4 800	4 040			*4 040	3 810	7.8
Arm :	4.5 m	kg							*4 990	*4 990	*4 800	4 040			*4 020	3 270	8.5
3.5 m GP	3.0 m	kg			*11 230	*11 230	*7 390	*7 390	*5 960	5 480	*5 270	3 900			*4 150	3 000	8.8
Shoe :	1.5 m	kg					*9 480	7 830	*7 010	5 180	5 810	3 750			*4 450	2 880	8.9
600 mm	0 m	kg			*7 050	*7 050	*10 880	7 420	*7 870	4 950	5 670	3 620			4 530	2 910	8.7
CWT :	-1.5 m	kg	*6 210	*6 210	*10 310	*10 310	*11 410	7 250	7 760	4 820	5 590	3 550			4 860	3 110	8.3
4 600 kg	-3.0 m	kg	*10 120	*10 120	*15 210	14 130	*11 120	7 260	7 750	4 810	5 620	3 580			5 610	3 570	7.5
	-4.5 m	kg	*15 160	*15 160	*14 170	*14 170	*9 850	7 420	*7 120	4 940					*6 660	4 660	6.3
Boom :	7.5 m	kg					*8 620	*8 620							*8 500	8 260	4.8
5.57 m 2-pieces	6.0 m	kg					*8 590	*8 590	*7 480	5 620					*7 420	5 350	6.2
Arm :	4.5 m	kg					*9 570	8 550	*7 680	5 490					6 650	4 300	7.0
2.0 m	3.0 m	kg					*10 890	7 900	*8 140	5 240					5 950	3 820	7.4
Shoe :	1.5 m	kg							8 000	5 000	5 750	3 670			5 740	3 660	7.5
600 mm	0 m	kg					*10 890	7 270	7 860	4 870					5 930	3 760	7.3
CWT :	-1.5 m	kg					*9 390	7 310	*7 140	4 870					*5 900	4 200	6.7
4 600 kg	-3.0 m	kg					*6 730	*6 730									5.8
Boom :	7.5 m	kg					*7 860	*7 860							*6 840	6 680	5.5
5.57 m 2-pieces	6.0 m	kg					*8 000	*8 000	*7 030	5 760					*6 260	4 730	6.7
Arm :	4.5 m	kg			*12 670	*12 670	*9 030	8 770	*7 360	5 600					6 020	3 910	7.5
2.5 m	3.0 m	kg					*10 470	8 120	*7 930	5 330	5 900	3 810			5 460	3 520	7.9
Shoe :	1.5 m	kg					*11 410	7 570	8 080	5 070	5 780	3 700			5 270	3 380	8.0
600 mm	0 m	kg					*11 250	7 310	7 890	4 900	5 700	3 620			5 410	3 450	7.8
CWT :	-1.5 m	kg			*11 440	*11 440	*10 090	7 280	*7 610	4 850					*5 710	3 790	7.3
4 600 kg	-3.0 m	kg					*7 860	7 410	*5 700	4 960					*5 030	4 620	6.4

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 EC230F 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	kg	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		Max. reach		Max. m	
			Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC		
Boom : 5.57 m 2-pieces Arm : 2.9 m HD Shoe : 600 mm CWT : 4 600 kg	9.0 m	kg												*6 190	*6 190	4.0
	7.5 m	kg					*7 070	*7 070	*5 120	*5 120				*4 990	*4 990	6.0
	6.0 m	kg					*7 130	*7 130	*6 690	5 870				*4 610	4 290	7.2
	4.5 m	kg									6 080	3 970		*4 520	3 620	7.9
	3.0 m	kg												*4 620	3 290	8.3
	1.5 m	kg												*4 900	3 160	8.4
	0 m	kg												*5 940	*5 940	8.2
	-1.5 m	kg												*10 830	*10 830	7.7
	-3.0 m	kg												*10 950	*10 950	6.8
Boom : 5.57 m 2-pieces Arm : 2.9 m GP Shoe : 600 mm CWT : 4 600 kg	9.0 m	kg												*6 200	*6 200	4.0
	7.5 m	kg					*7 080	*7 080	*5 130	*5 130				*5 000	*5 000	6.0
	6.0 m	kg					*7 140	*7 140	*6 710	5 890				*4 620	4 320	7.2
	4.5 m	kg									6 100	3 990		*4 530	3 640	7.9
	3.0 m	kg												*4 630	3 310	8.3
	1.5 m	kg												*4 910	3 190	8.4
	0 m	kg												*5 950	*5 950	8.2
	-1.5 m	kg												*10 840	*10 840	7.7
	-3.0 m	kg												*11 020	*11 020	6.8
Boom : 5.57 m 2-pieces Arm : 3.5 m GP Shoe : 600 mm CWT : 4 600 kg	9.0 m	kg												*4 980	*4 980	4.9
	7.5 m	kg												*4 270	*4 270	6.7
	6.0 m	kg												*6 030	5 970	7.7
	4.5 m	kg												*5 850	4 020	8.4
	3.0 m	kg												*6 770	*6 770	8.8
	1.5 m	kg												*9 310	8 500	8.8
	0 m	kg												*7 280	7 820	8.7
	-1.5 m	kg												*7 520	*7 520	8.2
	-3.0 m	kg												*10 780	*10 780	7.4
Boom : 5.7 m GP Arm : 2.5 m HD Shoe : 600 mm CWT : 4 600 kg	7.5 m	kg												*5 680	*5 680	5.6
	6.0 m	kg												*5 500	*5 500	6.8
	4.5 m	kg												*6 970	*6 970	7.6
	3.0 m	kg												*6 880	5 370	8.0
	1.5 m	kg												*5 920	3 870	8.1
	0 m	kg												*5 800	3 760	7.9
	-1.5 m	kg												*11 530	7 420	7.4
	-3.0 m	kg												*10 800	*10 800	6.5
	-4.5 m	kg												*14 740	14 620	5.0
Boom : 5.7 m GP Arm : 2.9 m HD Shoe : 600 mm CWT : 4 600 kg	7.5 m	kg												*5 180	*5 180	6.2
	6.0 m	kg												*5 070	*5 070	7.3
	4.5 m	kg												*5 640	*5 640	8.0
	3.0 m	kg												*5 330	4 010	8.4
	1.5 m	kg												*8 390	8 280	8.5
	0 m	kg												*6 560	5 430	8.3
	-1.5 m	kg												*10 290	7 720	7.8
	-3.0 m	kg												*5 420	*5 420	7.0
	-4.5 m	kg												*6 270	*6 270	5.6
Boom : 5.7 m GP Arm : 2.9 m GP Shoe : 600 mm CWT : 4 600 kg	7.5 m	kg												*11 370	*11 370	6.2
	6.0 m	kg												*15 560	14 420	7.3
	4.5 m	kg												*12 680	*12 680	8.0
	3.0 m	kg												*9 020	7 650	8.4
	1.5 m	kg												*8 430	8 320	8.5
	0 m	kg												*10 340	7 770	8.3
	-1.5 m	kg												*5 430	*5 430	7.8
	-3.0 m	kg												*11 380	*11 380	7.0
	-4.5 m	kg												*15 630	14 490	5.6
Boom : 5.7 m GP Arm : 3.5 m GP Shoe : 600 mm CWT : 4 600 kg	7.5 m	kg												*4 970	*4 970	6.2
	6.0 m	kg												*5 100	*5 100	7.3
	4.5 m	kg												*5 670	*5 670	8.0
	3.0 m	kg												*5 360	4 040	8.4
	1.5 m	kg												*6 590	5 460	8.5
	0 m	kg												*5 760	3 930	8.3
	-1.5 m	kg												*7 520	5 170	7.8
	-3.0 m	kg												*5 820	3 770	7.0
	-4.5 m	kg												*6 390	4 090	5.6
Boom : 5.7 m GP Arm : 3.5 m GP Shoe : 600 mm CWT : 4 600 kg	7.5 m	kg												*6 890	5 660	6.2
	6.0 m	kg												*4 970	*4 970	7.3
	4.5 m	kg												*4 630	4 260	8.0
	3.0 m	kg												*5 670	*5 670	8.4
	1.5 m	kg												*5 360	4 040	8.5
	0 m	kg												*4 580	3 620	8.3
	-1.5 m	kg												*6 590	5 460	7.8
	-3.0 m	kg												*5 760	3 900	7.0
	-4.5 m	kg												*4 690	3 280	5.6
Boom : 5.7 m GP Arm : 3.5 m GP Shoe : 600 mm CWT : 4 600 kg	7.5 m	kg												*4 250	*4 250	6.8
	6.0 m	kg												*4 610	4 110	7.8
	4.5 m	kg												*5 010	*5 010	8.5
	3.0 m	kg												*4 820	4 050	8.8
	1.5 m	kg												*5 300	3 910	8.9
	0 m	kg												*4 150	3 010	8.7
	-1.5 m	kg												*7 050	*7 050	8.3
	-3.0 m	kg												*9 520	7 850	7.5
	-4.5 m	kg												*7 910	4 970	6.3

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 EC230F 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		7.5 m		Max. reach		Max. m		
		Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC			
Boom :	7.5 m	kg											*6 290	*6 290	4.9	
5.7 m HD	6.0 m	kg						*6 030	5 660				*6 070	5 220	6.3	
Arm :	4.5 m	kg				*7 640	*7 640	*6 410	5 510				*6 110	4 240	7.1	
2.0 m ME	3.0 m	kg				*9 600	7 910	*7 210	5 270	5 850	3 800		5 830	3 790	7.5	
Shoe :	1.5 m	kg						*7 990	5 040	5 750	3 710		5 630	3 630	7.6	
700 mm	0 m	kg				*11 520	7 340	7 860	4 920				5 810	3 720	7.4	
CWT :	-1.5 m	kg				*11 140	7 360	7 850	4 910				6 480	4 130	6.9	
4 600 kg	-3.0 m	kg		*13 310	*13 310	*9 900	7 520						*7 330	5 180	5.9	
Boom :	7.5 m	kg											*5 660	*5 660	5.6	
5.7 m HD	6.0 m	kg						*5 480	*5 480				*5 580	4 640	6.8	
Arm :	4.5 m	kg						*6 950	*6 950	*5 980	5 610	*5 650	3 950	*5 660	3 870	7.6
2.5 m HD	3.0 m	kg				*8 930	8 120	*6 850	5 350	5 910	3 850		5 360	3 500	8.0	
Shoe :	1.5 m	kg				*10 680	7 610	*7 740	5 110	5 790	3 740		5 190	3 360	8.1	
700 mm	0 m	kg				*11 470	7 380	7 890	4 950	5 700	3 660		5 320	3 430	7.9	
CWT :	-1.5 m	kg		*10 800	*10 800	*11 390	7 350	7 830	4 900				5 840	3 740	7.4	
4 600 kg	-3.0 m	kg		*14 650	14 540	*10 480	7 450	*7 740	4 970				*6 950	4 510	6.5	
	-4.5 m	kg		*11 320	*11 320	*8 100	7 750						*7 090	6 720	5.0	
Boom :	7.5 m	kg						*5 170	*5 170				*4 960	*4 960	6.2	
5.7 m HD	6.0 m	kg						*5 060	*5 060				*4 630	4 230	7.3	
Arm :	4.5 m	kg						*5 620	*5 620	*5 310	4 000		*4 570	3 590	8.0	
2.9 m HD	3.0 m	kg				*8 350	8 270	*6 530	5 420	*5 700	3 890		*4 690	3 270	8.4	
Shoe :	1.5 m	kg				*10 240	7 690	*7 480	5 150	5 810	3 760		4 850	3 150	8.5	
700 mm	0 m	kg		*5 420	*5 420	*11 290	7 380	7 900	4 960	5 700	3 660		4 960	3 200	8.3	
CWT :	-1.5 m	kg	*6 270	*6 270	*10 310	*10 310	*11 450	7 300	7 810	4 870	5 660	3 620		5 380	3 450	7.8
4 600 kg	-3.0 m	kg	*11 370	*11 370	*15 470	14 340	*10 810	7 370	7 860	4 910				6 370	4 070	7.0
	-4.5 m	kg		*12 600	*12 600	*8 970	7 620							*6 840	5 630	5.6
Boom :	7.5 m	kg						*5 190	*5 190				*4 970	*4 970	6.2	
5.7 m HD	6.0 m	kg						*5 080	*5 080				*4 630	4 250	7.3	
Arm :	4.5 m	kg						*5 650	*5 650	*5 340	4 030		*4 580	3 610	8.0	
2.9 m GP	3.0 m	kg				*8 390	8 310	*6 570	5 450	*5 730	3 910		*4 700	3 290	8.4	
Shoe :	1.5 m	kg				*10 290	7 740	*7 520	5 180	5 840	3 780		4 880	3 170	8.5	
700 mm	0 m	kg		*5 430	*5 430	*11 340	7 430	7 940	4 990	5 730	3 690		4 980	3 230	8.3	
CWT :	-1.5 m	kg	*6 280	*6 280	*10 320	*10 320	*11 510	7 350	7 850	4 910	5 690	3 650		5 410	3 480	7.8
4 600 kg	-3.0 m	kg	*11 380	*11 380	*15 540	14 420	*10 860	7 420	7 890	4 950				6 400	4 100	7.0
	-4.5 m	kg		*12 660	*12 660	*9 010	7 660							*6 880	5 660	5.6
Boom :	7.5 m	kg											*4 250	*4 250	6.8	
5.7 m HD	6.0 m	kg								*4 590	4 110		*4 040	3 810	7.8	
Arm :	4.5 m	kg						*4 990	*4 990	*4 800	4 040		*4 020	3 270	8.5	
3.5 m GP	3.0 m	kg		*11 230	*11 230	*7 390	*7 390	*5 960	5 480	*5 270	3 900		*4 150	3 000	8.8	
Shoe :	1.5 m	kg				*9 480	7 830	*7 010	5 180	5 810	3 750		*4 450	2 880	8.9	
700 mm	0 m	kg		*7 050	*7 050	*10 880	7 420	*7 870	4 950	5 670	3 620		4 530	2 910	8.7	
CWT :	-1.5 m	kg	*6 210	*6 210	*10 310	*10 310	*11 410	7 250	7 760	4 820	5 590	3 550		4 860	3 110	8.3
4 600 kg	-3.0 m	kg	*10 120	*10 120	*15 210	14 130	*11 120	7 260	7 750	4 810	5 620	3 580		5 610	3 570	7.5
	-4.5 m	kg	*15 160	*15 160	*14 170	*14 170	*9 850	7 420	*7 120	4 940				*6 660	4 660	6.3
Boom :	7.5 m	kg				*8 620	*8 620						*8 500	8 370	4.8	
5.57 m 2-pieces	6.0 m	kg				*8 590	*8 590	*7 480	5 700				*7 420	5 430	6.2	
Arm :	4.5 m	kg				*9 570	8 680	*7 680	5 570				6 760	4 360	7.0	
2.0 m	3.0 m	kg				*10 890	8 030	*8 140	5 320				6 050	3 890	7.4	
Shoe :	1.5 m	kg						8 140	5 090	5 850	3 730		5 840	3 720	7.5	
700 mm	0 m	kg				*10 890	7 390	8 000	4 960				6 030	3 830	7.3	
CWT :	-1.5 m	kg				*9 390	7 430	*7 140	4 960				*5 900	4 270	6.7	
4 600 kg	-3.0 m	kg				*6 730	*6 730								5.8	
Boom :	7.5 m	kg				*7 860	*7 860						*6 840	6 780	5.5	
5.57 m 2-pieces	6.0 m	kg				*8 000	*8 000	*7 030	5 850				*6 260	4 800	6.7	
Arm :	4.5 m	kg		*12 670	*12 670	*9 030	8 890	*7 360	5 680				6 120	3 970	7.5	
2.5 m	3.0 m	kg				*10 470	8 240	*7 930	5 410	6 010	3 870		5 550	3 580	7.9	
Shoe :	1.5 m	kg				*11 410	7 690	8 220	5 150	5 880	3 760		5 370	3 440	8.0	
700 mm	0 m	kg				*11 250	7 440	8 030	4 980	5 800	3 690		5 510	3 510	7.8	
CWT :	-1.5 m	kg		*11 440	*11 440	*10 090	7 400	*7 610	4 940				*5 710	3 850	7.3	
4 600 kg	-3.0 m	kg				*7 860	7 540	*5 700	5 040				*5 030	4 690	6.4	

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 EC230F 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		7.5 m		Max. reach		Max. m	
		Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC		
Boom : 5.57 m 2-pieces Arm : 2.9 m HD Shoe : 700 mm CWT : 4 600 kg	9.0 m	kg											*6 190	*6 190	4.0
	7.5 m	kg				*7 070	*7 070	*5 120	*5 120				*4 990	*4 990	6.0
	6.0 m	kg				*7 130	*7 130	*6 690	5 950				*4 610	4 360	7.2
	4.5 m	kg			*9 100	*9 100	*8 560	*8 560	*7 080	5 770	6 180	4 030	*4 520	3 680	7.9
	3.0 m	kg					*10 060	8 410	*7 710	5 490	6 060	3 920	*4 620	3 340	8.3
	1.5 m	kg					*11 220	7 790	*8 250	5 200	5 910	3 780	*4 900	3 220	8.4
	0 m	kg			*5 940	*5 940	*11 370	7 450	8 050	4 990	5 800	3 680	5 130	3 270	8.2
	-1.5 m	kg			*10 830	*10 830	*10 490	7 360	*7 850	4 910	5 780	3 660	*5 490	3 550	7.7
	-3.0 m	kg			*10 950	*10 950	*8 580	7 450	*6 380	4 970			*4 980	4 210	6.8
Boom : 5.57 m 2-pieces Arm : 2.9 m GP Shoe : 700 mm CWT : 4 600 kg	9.0 m	kg											*6 200	*6 200	4.0
	7.5 m	kg				*7 080	*7 080	*5 130	*5 130				*5 000	*5 000	6.0
	6.0 m	kg				*7 140	*7 140	*6 710	5 970				*4 620	4 380	7.2
	4.5 m	kg			*9 120	*9 120	*8 590	*8 590	*7 110	5 800	6 200	4 050	*4 530	3 700	7.9
	3.0 m	kg					*10 100	8 440	*7 750	5 520	6 080	3 940	*4 630	3 370	8.3
	1.5 m	kg					*11 270	7 830	*8 280	5 230	5 940	3 810	*4 910	3 240	8.4
	0 m	kg			*5 950	*5 950	*11 420	7 500	8 080	5 030	5 830	3 710	5 160	3 300	8.2
	-1.5 m	kg			*10 840	*10 840	*10 550	7 410	*7 900	4 950	5 800	3 690	*5 520	3 580	7.7
	-3.0 m	kg			*11 020	*11 020	*8 640	7 500	*6 420	5 010			*5 020	4 240	6.8
Boom : 5.57 m 2-pieces Arm : 3.5 m GP Shoe : 700 mm CWT : 4 600 kg	9.0 m	kg				*5 740	*5 740						*4 980	*4 980	4.9
	7.5 m	kg						*5 460	*5 460				*4 270	*4 270	6.7
	6.0 m	kg						*6 030	*6 030	*4 720	4 140		*4 020	3 910	7.7
	4.5 m	kg				*6 770	*6 770	*6 570	5 860	*5 850	4 080		*3 980	3 350	8.4
	3.0 m	kg			*14 050	*14 050	*9 310	8 620	*7 280	5 560	6 090	3 940	*4 100	3 060	8.8
	1.5 m	kg					*10 780	7 940	*7 970	5 240	5 910	3 780	*4 370	2 940	8.8
	0 m	kg			*7 520	*7 520	*11 370	7 490	8 050	4 990	5 770	3 650	4 680	2 970	8.7
	-1.5 m	kg	*6 300	*6 300	*10 780	*10 780	*10 920	7 310	7 900	4 860	5 700	3 580	5 030	3 180	8.2
	-3.0 m	kg			*12 880	*12 880	*9 470	7 330	*7 050	4 860			*5 040	3 680	7.4
-4.5 m	kg					*6 690	*6 690							6.2	
Boom : 5.7 m GP Arm : 2.5 m HD Shoe : 700 mm CWT : 4 600 kg	7.5 m	kg											*5 680	*5 680	5.6
	6.0 m	kg						*5 500	*5 500				*5 600	4 720	6.8
	4.5 m	kg					*6 970	*6 970	*6 010	5 700	*5 680	4 020	*5 690	3 940	7.6
	3.0 m	kg					*8 970	8 250	*6 880	5 450	*5 980	3 930	5 470	3 570	8.0
	1.5 m	kg					*10 730	7 760	*7 780	5 210	5 900	3 820	5 300	3 440	8.1
	0 m	kg					*11 530	7 540	8 050	5 060	5 820	3 740	5 430	3 510	7.9
	-1.5 m	kg			*10 800	*10 800	*11 460	7 510	7 990	5 010			5 960	3 830	7.4
	-3.0 m	kg			*14 740	*14 740	*10 550	7 610	*7 780	5 080			*6 990	4 610	6.5
	-4.5 m	kg			*11 410	*11 410	*8 150	7 900					*7 140	6 850	5.0
Boom : 5.7 m GP Arm : 2.9 m HD Shoe : 700 mm CWT : 4 600 kg	7.5 m	kg						*5 180	*5 180				*4 960	*4 960	6.2
	6.0 m	kg						*5 070	*5 070				*4 630	4 300	7.3
	4.5 m	kg						*5 640	*5 640	*5 330	4 080		*4 570	3 660	8.0
	3.0 m	kg				*8 390	*8 390	*6 560	5 520	*5 730	3 960		*4 690	3 340	8.4
	1.5 m	kg					*10 290	7 840	*7 520	5 250	5 920	3 840	4 950	3 220	8.5
	0 m	kg			*5 420	*5 420	*11 350	7 540	8 060	5 060	5 820	3 740	5 060	3 270	8.3
	-1.5 m	kg	*6 270	*6 270	*10 310	*10 310	*11 510	7 470	7 980	4 990	5 780	3 710	5 490	3 540	7.8
	-3.0 m	kg	*11 370	*11 370	*15 560	14 640	*10 870	7 540	8 020	5 030			6 500	4 160	7.0
	-4.5 m	kg			*12 680	*12 680	*9 020	7 780					*6 890	5 750	5.6
Boom : 5.7 m GP Arm : 2.9 m GP Shoe : 700 mm CWT : 4 600 kg	7.5 m	kg						*5 210	*5 210				*4 970	*4 970	6.2
	6.0 m	kg						*5 100	*5 100				*4 630	4 320	7.3
	4.5 m	kg						*5 670	*5 670	*5 360	4 100		*4 580	3 680	8.0
	3.0 m	kg				*8 430	*8 430	*6 590	5 540	*5 760	3 990		*4 700	3 360	8.4
	1.5 m	kg					*10 340	7 890	*7 560	5 280	5 950	3 860	4 980	3 250	8.5
	0 m	kg			*5 430	*5 430	*11 400	7 600	8 100	5 100	5 850	3 770	5 090	3 300	8.3
	-1.5 m	kg	*6 280	*6 280	*10 320	*10 320	*11 570	7 520	8 010	5 020	5 810	3 740	5 520	3 560	7.8
	-3.0 m	kg	*11 380	*11 380	*15 630	14 720	*10 920	7 590	8 060	5 060			6 530	4 190	7.0
	-4.5 m	kg			*12 740	*12 740	*9 070	7 820					*6 930	5 780	5.6
Boom : 5.7 m GP Arm : 3.5 m GP Shoe : 700 mm CWT : 4 600 kg	7.5 m	kg											*4 250	*4 250	6.8
	6.0 m	kg								*4 610	4 180		*4 040	3 870	7.8
	4.5 m	kg						*5 010	*5 010	*4 820	4 110		*4 020	3 340	8.5
	3.0 m	kg			*11 270	*11 270	*7 410	*7 410	*5 980	5 570	*5 300	3 980	*4 150	3 060	8.8
	1.5 m	kg					*9 520	7 970	*7 050	5 280	*5 860	3 830	*4 450	2 950	8.9
	0 m	kg			*7 050	*7 050	*10 940	7 580	*7 910	5 060	5 780	3 700	4 630	2 980	8.7
	-1.5 m	kg	*6 210	*6 210	*10 310	*10 310	*11 470	7 420	7 920	4 940	5 710	3 640	4 960	3 180	8.3
	-3.0 m	kg	*10 120	*10 120	*15 210	14 440	*11 190	7 430	7 910	4 920	5 740	3 660	5 730	3 660	7.5
	-4.5 m	kg	*15 160	*15 160	*14 260	*14 260	*9 910	7 590	*7 170	5 050			*6 700	4 770	6.3

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 EC230F 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	kg	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		Max. reach		Max. m		
			Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC			
Boom :	7.5 m	kg												*6 290	*6 290	4.9	
5.7 m HD	6.0 m	kg							*6 030	*6 030					*6 070	5 670	6.3
Arm :	4.5 m	kg					*7 640	*7 640	*6 410	5 990					*6 110	4 620	7.1
2.0 m ME	3.0 m	kg					*9 600	8 610	*7 210	5 740	*6 260	4 160			*6 260	4 150	7.5
Shoe :	1.5 m	kg							*7 990	5 520	6 210	4 070			6 080	3 990	7.6
600 mm	0 m	kg					*11 520	8 040	*8 420	5 400					6 270	4 090	7.4
CWT :	-1.5 m	kg					*11 140	8 060	*8 300	5 380					7 000	4 540	6.9
5 400 kg	-3.0 m	kg			*13 310	*13 310	*9 900	8 220							*7 330	5 670	5.9
Boom :	7.5 m	kg													*5 660	*5 660	5.6
5.7 m HD	6.0 m	kg							*5 480	*5 480					*5 580	5 040	6.8
Arm :	4.5 m	kg							*6 950	*6 950	*5 980	*5 980	*5 650	4 310	*5 660	4 220	7.6
2.5 m HD	3.0 m	kg					*8 930	8 820	*6 850	5 830	*5 950	4 210			5 780	3 830	8.0
Shoe :	1.5 m	kg					*10 680	8 310	*7 740	5 580	6 240	4 100			5 600	3 690	8.1
600 mm	0 m	kg					*11 470	8 080	*8 330	5 420	6 150	4 020			5 750	3 770	7.9
CWT :	-1.5 m	kg			*10 800	*10 800	*11 390	8 040	*8 420	5 370					6 300	4 110	7.4
5 400 kg	-3.0 m	kg			*14 650	*14 650	*10 480	8 150	*7 740	5 450					*6 950	4 950	6.5
	-4.5 m	kg			*11 320	*11 320	*8 100	*8 100							*7 090	*7 090	5.0
Boom :	7.5 m	kg							*5 170	*5 170					*4 960	*4 960	6.2
5.7 m HD	6.0 m	kg							*5 060	*5 060					*4 630	4 600	7.3
Arm :	4.5 m	kg							*5 620	*5 620	*5 310	4 370			*4 570	3 920	8.0
2.9 m HD	3.0 m	kg					*8 350	*8 350	*6 530	5 900	*5 700	4 250			*4 690	3 590	8.4
Shoe :	1.5 m	kg					*10 240	8 390	*7 480	5 630	*6 180	4 120			*5 010	3 460	8.5
600 mm	0 m	kg			*5 420	*5 420	*11 290	8 080	*8 180	5 430	6 150	4 020			5 360	3 520	8.3
CWT :	-1.5 m	kg	*6 270	*6 270	*10 310	*10 310	*11 450	8 000	*8 420	5 350	6 120	3 990			5 810	3 800	7.8
5 400 kg	-3.0 m	kg	*11 370	*11 370	*15 470	*15 470	*10 810	8 070	*8 010	5 390					*6 590	4 460	7.0
	-4.5 m	kg			*12 600	*12 600	*8 970	8 320							*6 840	6 150	5.6
Boom :	7.5 m	kg							*5 190	*5 190					*4 970	*4 970	6.2
5.7 m HD	6.0 m	kg							*5 080	*5 080					*4 630	4 620	7.3
Arm :	4.5 m	kg							*5 650	*5 650	*5 340	4 390			*4 580	3 950	8.0
2.9 m GP	3.0 m	kg					*8 390	*8 390	*6 570	5 930	*5 730	4 280			*4 700	3 610	8.4
Shoe :	1.5 m	kg					*10 290	8 440	*7 520	5 660	*6 210	4 150			*5 020	3 490	8.5
600 mm	0 m	kg			*5 430	*5 430	*11 340	8 130	*8 220	5 470	6 180	4 050			5 380	3 550	8.3
CWT :	-1.5 m	kg	*6 280	*6 280	*10 320	*10 320	*11 510	8 050	*8 460	5 390	6 150	4 020			5 840	3 830	7.8
5 400 kg	-3.0 m	kg	*11 380	*11 380	*15 540	*15 540	*10 860	8 120	*8 050	5 430					*6 620	4 490	7.0
	-4.5 m	kg			*12 660	*12 660	*9 010	8 360							*6 880	6 190	5.6
Boom :	7.5 m	kg													*4 250	*4 250	6.8
5.7 m HD	6.0 m	kg									*4 590	4 470			*4 040	*4 040	7.8
Arm :	4.5 m	kg							*4 990	*4 990	*4 800	4 400			*4 020	3 590	8.5
3.5 m GP	3.0 m	kg			*11 230	*11 230	*7 390	*7 390	*5 960	*5 960	*5 270	4 260			*4 150	3 290	8.8
Shoe :	1.5 m	kg					*9 480	8 530	*7 010	5 660	*5 830	4 110			*4 450	3 180	8.9
600 mm	0 m	kg			*7 050	*7 050	*10 880	8 120	*7 870	5 430	6 120	3 980			4 910	3 210	8.7
CWT :	-1.5 m	kg	*6 210	*6 210	*10 310	*10 310	*11 410	7 950	*8 310	5 300	6 050	3 920			5 260	3 430	8.3
5 400 kg	-3.0 m	kg	*10 120	*10 120	*15 210	*15 210	*11 120	7 960	*8 200	5 290	6 070	3 940			6 060	3 930	7.5
	-4.5 m	kg	*15 160	*15 160	*14 170	*14 170	*9 850	8 120	*7 120	5 420					*6 660	5 110	6.3
Boom :	7.5 m	kg					*8 620	*8 620							*8 500	*8 500	4.8
5.57 m 2-pieces	6.0 m	kg					*8 590	*8 590	*7 480	6 100					*7 420	5 810	6.2
Arm :	4.5 m	kg					*9 570	9 250	*7 680	5 960					*6 980	4 690	7.0
2.0 m	3.0 m	kg					*10 890	8 600	*8 140	5 710					6 410	4 190	7.4
Shoe :	1.5 m	kg							*8 420	5 480	6 200	4 030			6 190	4 020	7.5
600 mm	0 m	kg					*10 890	7 970	*8 180	5 350					*6 330	4 140	7.3
CWT :	-1.5 m	kg					*9 390	8 000	*7 140	5 350					*5 900	4 610	6.7
5 400 kg	-3.0 m	kg					*6 730	*6 730									5.8
Boom :	7.5 m	kg					*7 860	*7 860							*6 840	*6 840	5.5
5.57 m 2-pieces	6.0 m	kg					*8 000	*8 000	*7 030	6 240					*6 260	5 140	6.7
Arm :	4.5 m	kg			*12 670	*12 670	*9 030	*9 030	*7 360	6 070					*6 130	4 270	7.5
2.5 m	3.0 m	kg					*10 470	8 820	*7 930	5 810	6 360	4 170			5 880	3 860	7.9
Shoe :	1.5 m	kg					*11 410	8 270	*8 360	5 540	6 230	4 060			5 690	3 720	8.0
600 mm	0 m	kg					*11 250	8 010	*8 330	5 380	6 150	3 980			5 850	3 800	7.8
CWT :	-1.5 m	kg			*11 440	*11 440	*10 090	7 980	*7 610	5 330					*5 710	4 160	7.3
5 400 kg	-3.0 m	kg					*7 860	*7 860	*5 700	5 430					*5 030	*5 030	6.4

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 EC230F 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		7.5 m		Max. reach		Max. m		
		Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC			
Boom : 5.57 m 2-pieces Arm : 2.9 m HD Shoe : 600 mm CWT : 5 400 kg	9.0 m	kg												*6 190	*6 190	4.0
	7.5 m	kg				*7 070	*7 070	*5 120	*5 120					*4 990	*4 990	6.0
	6.0 m	kg				*7 130	*7 130	*6 690	6 350					*4 610	*4 610	7.2
	4.5 m	kg			*9 100	*9 100	*8 560	*8 560	*7 080	6 170	*6 230	4 330		*4 520	3 960	7.9
	3.0 m	kg					*10 060	8 990	*7 710	5 880	6 410	4 210		*4 620	3 610	8.3
	1.5 m	kg					*11 220	8 360	*8 250	5 590	6 260	4 080		*4 900	3 480	8.4
	0 m	kg			*5 940	*5 940	*11 370	8 020	*8 370	5 390	6 150	3 980		*5 440	3 540	8.2
	-1.5 m	kg			*10 830	*10 830	*10 490	7 940	*7 850	5 310	*5 790	3 960		*5 490	3 840	7.7
	-3.0 m	kg			*10 950	*10 950	*8 580	8 030	*6 380	5 370				*4 980	4 550	6.8
Boom : 5.57 m 2-pieces Arm : 2.9 m GP Shoe : 600 mm CWT : 5 400 kg	9.0 m	kg												*6 200	*6 200	4.0
	7.5 m	kg				*7 080	*7 080	*5 130	*5 130					*5 000	*5 000	6.0
	6.0 m	kg				*7 140	*7 140	*6 710	6 370					*4 620	*4 620	7.2
	4.5 m	kg			*9 120	*9 120	*8 590	*8 590	*7 110	6 190	*6 260	4 350		*4 530	3 980	7.9
	3.0 m	kg					*10 100	9 020	*7 750	5 910	6 430	4 240		*4 630	3 630	8.3
	1.5 m	kg					*11 270	8 410	*8 280	5 620	6 290	4 110		*4 910	3 510	8.4
	0 m	kg			*5 950	*5 950	*11 420	8 070	*8 410	5 420	6 180	4 010		*5 450	3 570	8.2
	-1.5 m	kg			*10 840	*10 840	*10 550	7 990	*7 900	5 340	*5 830	3 990		*5 520	3 870	7.7
	-3.0 m	kg			*11 020	*11 020	*8 640	8 080	*6 420	5 400				*5 020	4 580	6.8
Boom : 5.57 m 2-pieces Arm : 3.5 m GP Shoe : 600 mm CWT : 5 400 kg	9.0 m	kg				*5 740	*5 740							*4 980	*4 980	4.9
	7.5 m	kg						*5 460	*5 460					*4 270	*4 270	6.7
	6.0 m	kg						*6 030	*6 030	*4 720	4 440			*4 020	*4 020	7.7
	4.5 m	kg					*6 770	*6 770	*6 570	6 250	*5 850	4 380		*3 980	3 610	8.4
	3.0 m	kg			*14 050	*14 050	*9 310	9 200	*7 280	5 950	*6 140	4 240		*4 100	3 310	8.8
	1.5 m	kg					*10 780	8 520	*7 970	5 630	6 260	4 080		*4 370	3 190	8.8
	0 m	kg			*7 520	*7 520	*11 370	8 070	*8 310	5 390	6 120	3 950		*4 840	3 230	8.7
	-1.5 m	kg	*6 300	*6 300	*10 780	*10 780	*10 920	7 890	*8 070	5 250	6 050	3 880		*5 300	3 450	8.2
	-3.0 m	kg			*12 880	*12 880	*9 470	7 910	*7 050	5 250				*5 040	3 990	7.4
-4.5 m	kg					*6 690	*6 690								6.2	
Boom : 5.7 m GP Arm : 2.5 m HD Shoe : 600 mm CWT : 5 400 kg	7.5 m	kg												*5 680	*5 680	5.6
	6.0 m	kg						*5 500	*5 500					*5 600	5 050	6.8
	4.5 m	kg					*6 970	*6 970	*6 010	*6 010	*5 680	4 320		*5 690	4 240	7.6
	3.0 m	kg					*8 970	8 830	*6 880	5 840	*5 980	4 230		5 790	3 850	8.0
	1.5 m	kg					*10 730	8 340	*7 780	5 600	6 250	4 120		5 610	3 710	8.1
	0 m	kg					*11 530	8 120	*8 370	5 450	6 170	4 040		5 760	3 790	7.9
	-1.5 m	kg			*10 800	*10 800	*11 460	8 090	*8 460	5 400				6 320	4 130	7.4
	-3.0 m	kg			*14 740	*14 740	*10 550	8 190	*7 780	5 480				*6 990	4 970	6.5
	-4.5 m	kg			*11 410	*11 410	*8 150	*8 150						*7 140	*7 140	5.0
Boom : 5.7 m GP Arm : 2.9 m HD Shoe : 600 mm CWT : 5 400 kg	7.5 m	kg						*5 180	*5 180					*4 960	*4 960	6.2
	6.0 m	kg						*5 070	*5 070					*4 630	4 610	7.3
	4.5 m	kg						*5 640	*5 640	*5 330	4 370			*4 570	3 930	8.0
	3.0 m	kg				*8 390	*8 390	*6 560	5 910	*5 730	4 260			*4 690	3 600	8.4
	1.5 m	kg					*10 290	8 420	*7 520	5 640	*6 210	4 130		*5 010	3 480	8.5
	0 m	kg			*5 420	*5 420	*11 350	8 120	*8 220	5 460	6 170	4 040		5 370	3 540	8.3
	-1.5 m	kg	*6 270	*6 270	*10 310	*10 310	*11 510	8 040	8 450	5 380	6 140	4 010		5 830	3 820	7.8
	-3.0 m	kg	*11 370	*11 370	*15 560	*15 560	*10 870	8 120	*8 050	5 420				*6 630	4 490	7.0
	-4.5 m	kg			*12 680	*12 680	*9 020	8 350						*6 890	6 180	5.6
Boom : 5.7 m GP Arm : 2.9 m GP Shoe : 600 mm CWT : 5 400 kg	7.5 m	kg						*5 210	*5 210					*4 970	*4 970	6.2
	6.0 m	kg						*5 100	*5 100					*4 630	4 630	7.3
	4.5 m	kg						*5 670	*5 670	*5 360	4 400			*4 580	3 960	8.0
	3.0 m	kg				*8 430	*8 430	*6 590	5 940	*5 760	4 290			*4 700	3 630	8.4
	1.5 m	kg					*10 340	8 470	*7 560	5 680	*6 240	4 160		*5 020	3 510	8.5
	0 m	kg			*5 430	*5 430	*11 400	8 170	*8 270	5 500	6 200	4 070		5 400	3 570	8.3
	-1.5 m	kg	*6 280	*6 280	*10 320	*10 320	*11 570	8 090	8 490	5 420	6 160	4 040		5 850	3 850	7.8
	-3.0 m	kg	*11 380	*11 380	*15 630	*15 630	*10 920	8 160	*8 090	5 460				*6 660	4 520	7.0
	-4.5 m	kg			*12 740	*12 740	*9 070	8 390						*6 930	6 210	5.6
Boom : 5.7 m GP Arm : 3.5 m GP Shoe : 600 mm CWT : 5 400 kg	7.5 m	kg												*4 250	*4 250	6.8
	6.0 m	kg								*4 610	4 480			*4 040	*4 040	7.8
	4.5 m	kg						*5 010	*5 010	*4 820	4 410			*4 020	3 600	8.5
	3.0 m	kg			*11 270	*11 270	*7 410	*7 410	*5 980	5 970	*5 300	4 270		*4 150	3 310	8.8
	1.5 m	kg					*9 520	8 550	*7 050	5 680	*5 860	4 130		*4 450	3 190	8.9
	0 m	kg			*7 050	*7 050	*10 940	8 160	*7 910	5 450	6 140	4 000		4 920	3 230	8.7
	-1.5 m	kg	*6 210	*6 210	*10 310	*10 310	*11 470	8 000	*8 360	5 330	6 060	3 940		5 270	3 450	8.3
	-3.0 m	kg	*10 120	*10 120	*15 210	*15 210	*11 190	8 010	*8 240	5 320	6 090	3 960		6 080	3 960	7.5
	-4.5 m	kg	*15 160	*15 160	*14 260	*14 260	*9 910	8 160	*7 170	5 440				*6 700	5 140	6.3

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 EC230F N

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	kg	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		Max. reach		Max. m				
			Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC					
Boom :	7.5 m	kg												*6 290	*6 290	4.9			
5.7 m HD	6 m	kg							*6 030	5 150				*6 070	4 740	6.3			
Arm :	4.5 m	kg					*7 640	*7 640	*6 410	5 000				5 810	3 840	7.1			
2.0 m ME	3 m	kg					*9 600	7 100	*7 210	4 760	5 230	3 430		5 210	3 420	7.5			
Shoe :	1.5 m	kg							7 090	4 540	5 130	3 350		5 030	3 280	7.6			
600 mm	0 m	kg					10 800	6 540	6 950	4 420				5 170	3 360	7.4			
CWT :	-1.5 m	kg					10 830	6 570	6 940	4 410				5 770	3 720	6.9			
4 600 kg	-3 m	kg			*13 310	12 880	*9 900	6 720						7 300	4 670	5.9			
Boom :	7.5 m	kg												*5 660	*5 660	5.6			
5.7 m HD	6 m	kg							*5 480	5 270				*5 580	4 220	6.8			
Arm :	4.5 m	kg							*6 950	*6 950	*5 980	5 100	5 390	3 580	5 280	3 510	7.6		
2.5 m HD	3 m	kg							*8 930	7 300	*6 850	4 850	5 290	3 490	4 800	3 160	8.0		
Shoe :	1.5 m	kg							*10 680	6 810	7 160	4 600	5 160	3 370	4 640	3 030	8.1		
600 mm	0 m	kg							10 850	6 580	6 980	4 450	5 080	3 300	4 750	3 090	7.9		
CWT :	-1.5 m	kg							10 810	6 550	6 930	4 400			5 200	3 370	7.4		
4 600 kg	-3 m	kg							*14 650	12 720	*10 480	6 650	7 010	4 470	6 310	4 070	6.5		
	-4.5 m	kg							*11 320	*11 320	*8 100	6 940			*7 090	6 040	5.0		
Boom :	7.5 m	kg							*5 170	*5 170				*4 960	*4 960	6.2			
5.7 m HD	6 m	kg							*5 060	*5 060				*4 630	3 840	7.3			
Arm :	4.5 m	kg							*5 620	5 180	*5 310	3 640		*4 570	3 250	8.0			
2.9 m HD	3 m	kg							*8 350	7 450	*6 530	4 910	5 330	3 520	4 480	2 950	8.4		
Shoe :	1.5 m	kg							*10 240	6 890	7 210	4 640	5 190	3 390	4 340	2 840	8.5		
600 mm	0 m	kg							*5 420	*5 420	10 860	6 590	7 000	4 450	5 080	3 290	4 430	2 880	8.3
CWT :	-1.5 m	kg	*6 270	*6 270	*10 310	*10 310	10 760	6 510	6 910	4 370	5 050	3 260			4 800	3 110	7.8		
4 600 kg	-3 m	kg	*11 370	*11 370	*15 470	12 520	*10 810	6 580	6 950	4 410					5 670	3 660	7.0		
	-4.5 m	kg							*12 600	*12 600	*8 970	6 810			*6 840	5 070	5.6		
Boom :	7.5 m	kg							*5 190	*5 190				*4 970	*4 970	6.2			
5.7 m HD	6 m	kg							*5 080	*5 080				*4 630	3 870	7.3			
Arm :	4.5 m	kg							*5 650	5 200	*5 340	3 660		*4 580	3 280	8.0			
2.9 m GP	3 m	kg							*8 390	7 490	*6 570	4 940	5 350	3 550	4 510	2 980	8.4		
Shoe :	1.5 m	kg							*10 290	6 930	7 240	4 680	5 210	3 420	4 370	2 870	8.5		
600 mm	0 m	kg							*5 430	*5 430	10 910	6 640	7 030	4 490	5 110	3 320	4 450	2 910	8.3
CWT :	-1.5 m	kg	*6 280	*6 280	*10 320	*10 320	10 820	6 560	6 940	4 410	5 080	3 290			4 830	3 140	7.8		
4 600 kg	-3 m	kg	*11 380	*11 380	*15 540	12 600	*10 860	6 620	6 990	4 450					5 700	3 690	7.0		
	-4.5 m	kg							*12 660	*12 660	*9 010	6 850			*6 880	5 100	5.6		
Boom :	7.5 m	kg												*4 250	*4 250	6.8			
5.7 m HD	6 m	kg												*4 040	3 460	7.8			
Arm :	4.5 m	kg							*4 990	*4 990	*4 800	3 670		*4 020	2 970	8.5			
3.5 m GP	3 m	kg							*11 230	*11 230	*7 390	*7 390	*5 960	4 970	*5 270	3 540	4 120	2 700	8.8
Shoe :	1.5 m	kg							*9 480	7 020	*7 010	4 680	5 180	3 380	3 990	2 600	8.9		
600 mm	0 m	kg							*7 050	*7 050	*10 880	6 620	7 000	4 450	5 050	3 260	4 050	2 620	8.7
CWT :	-1.5 m	kg	*6 210	*6 210	*10 310	*10 310	10 720	6 460	6 860	4 320	4 970	3 190			4 330	2 790	8.3		
4 600 kg	-3 m	kg	*10 120	*10 120	*15 210	12 320	10 730	6 470	6 840	4 310	5 000	3 220			4 990	3 210	7.5		
	-4.5 m	kg	*15 160	*15 160	*14 170	12 640	*9 850	6 620	6 980	4 440					6 560	4 190	6.3		
Boom :	7.5 m	kg							*8 620	8 230					*8 500	7 490	4.8		
5.57 m 2-pieces	6 m	kg							*8 590	8 170	*7 480	5 100			7 380	4 850	6.2		
Arm :	4.5 m	kg							*9 570	7 710	7 610	4 970			5 930	3 890	7.0		
2.0 m ME	3 m	kg							*10 890	7 080	7 330	4 720			5 300	3 450	7.4		
Shoe :	1.5 m	kg									7 080	4 490	5 120	3 300	5 110	3 290	7.5		
600 mm	0 m	kg							10 780	6 470	6 940	4 370			5 270	3 380	7.3		
CWT :	-1.5 m	kg							*9 390	6 500	6 940	4 370			*5 900	3 770	6.7		
4 600 kg	-3 m	kg							*6 730	6 690							5.8		
Boom :	7.5 m	kg							*7 860	*7 860					*6 840	6 080	5.5		
5.57 m 2-pieces	6 m	kg							*8 000	*8 000	*7 030	5 240			*6 260	4 290	6.7		
Arm :	4.5 m	kg							*9 030	7 920	*7 360	5 080			5 380	3 540	7.5		
2.5 m HD	3 m	kg							*10 470	7 290	7 440	4 810	5 270	3 440	4 870	3 180	7.9		
Shoe :	1.5 m	kg							11 120	6 760	7 150	4 560	5 150	3 330	4 700	3 040	8.0		
600 mm	0 m	kg							10 830	6 510	6 970	4 390	5 070	3 260	4 820	3 100	7.8		
CWT :	-1.5 m	kg							*11 440	*11 440	*10 090	6 480	6 920	4 350		5 310	3 400	7.3	
4 600 kg	-3 m	kg							*7 860	6 610	*5 700	4 450			*5 030	4 150	6.4		

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 EC230F N

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	kg	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		Max. reach		Max. m	
			Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC		
Boom : 5.57 m 2-pieces Arm : 2.9 m HD Shoe : 600 mm CWT : 4 600 kg	9 m	kg												*6 190	*6 190	4.0
	7.5 m	kg					*7 070	*7 070	*5 120	*5 120				*4 990	*4 990	6.0
	6 m	kg					*7 130	*7 130	*6 690	5 340				*4 610	3 900	7.2
	4.5 m	kg			*9 100	*9 100	*8 560	8 110	*7 080	5 170	5 440	3 590		*4 520	3 270	7.9
	3 m	kg					*10 060	7 450	7 520	4 890	5 320	3 480		4 540	2 960	8.3
	1.5 m	kg					*11 220	6 850	7 210	4 600	5 170	3 350		4 390	2 840	8.4
	0 m	kg			*5 940	*5 940	10 850	6 520	6 980	4 400	5 070	3 250		4 490	2 890	8.2
	-1.5 m	kg			*10 830	*10 830	*10 490	6 430	6 900	4 320	5 040	3 230		4 880	3 130	7.7
	-3 m	kg			*10 950	*10 950	*8 580	6 520	*6 380	4 380				*4 980	3 720	6.8
Boom : 5.57 m 2-pieces Arm : 2.9 m GP Shoe : 600 mm CWT : 4 600 kg	9 m	kg												*6 200	*6 200	4.0
	7.5 m	kg					*7 080	*7 080	*5 130	*5 130				*5 000	*5 000	6.0
	6 m	kg					*7 140	*7 140	*6 710	5 360				*4 620	3 920	7.2
	4.5 m	kg			*9 120	*9 120	*8 590	8 130	*7 110	5 190	5 460	3 620		*4 530	3 300	7.9
	3 m	kg					*10 100	7 490	7 550	4 920	5 340	3 510		4 570	2 990	8.3
	1.5 m	kg					*11 270	6 890	7 240	4 640	5 200	3 380		4 420	2 870	8.4
	0 m	kg			*5 950	*5 950	10 900	6 570	7 020	4 440	5 100	3 280		4 520	2 920	8.2
	-1.5 m	kg			*10 840	*10 840	*10 550	6 480	6 930	4 360	5 070	3 260		4 910	3 160	7.7
	-3 m	kg			*11 020	*11 020	*8 640	6 570	*6 420	4 420				*5 020	3 750	6.8
Boom : 5.57 m 2-pieces Arm : 3.5 m GP Shoe : 600 mm CWT : 4 600 kg	9 m	kg					*5 740	*5 740						*4 980	*4 980	4.9
	7.5 m	kg							*5 460	*5 460				*4 270	*4 270	6.7
	6 m	kg							*6 030	5 440	*4 720	3 700		*4 020	3 490	7.7
	4.5 m	kg					*6 770	*6 770	*6 570	5 250	5 500	3 640		*3 980	2 980	8.4
	3 m	kg			*14 050	*14 050	*9 310	7 660	*7 280	4 960	5 350	3 500		*4 100	2 710	8.8
	1.5 m	kg					*10 780	6 990	7 260	4 640	5 170	3 350		4 030	2 590	8.8
	0 m	kg			*7 520	*7 520	10 910	6 560	6 990	4 400	5 030	3 220		4 090	2 620	8.7
	-1.5 m	kg	*6 300	*6 300	*10 780	*10 780	10 700	6 390	6 840	4 270	4 960	3 150		4 390	2 800	8.2
	-3 m	kg			*12 880	12 210	*9 470	6 400	6 840	4 270				*5 040	3 240	7.4
	-4.5 m	kg					*6 690	6 590								
Boom : 5.7 m GP Arm : 2.5 m HD Shoe : 600 mm CWT : 4 600 kg	7.5 m	kg												*5 680	*5 680	5.6
	6 m	kg							*5 500	5 270				*5 600	4 230	6.8
	4.5 m	kg					*6 970	*6 970	*6 010	5 110	5 400	3 600		5 290	3 520	7.6
	3 m	kg					*8 970	7 320	*6 880	4 860	5 300	3 500		4 810	3 180	8.0
	1.5 m	kg					*10 730	6 840	7 170	4 630	5 180	3 390		4 650	3 050	8.1
	0 m	kg					10 880	6 630	7 000	4 470	5 100	3 320		4 760	3 110	7.9
	-1.5 m	kg			*10 800	*10 800	10 850	6 600	6 950	4 430				5 220	3 390	7.4
	-3 m	kg			*14 740	12 790	*10 550	6 700	7 030	4 500				6 330	4 090	6.5
	-4.5 m	kg			*11 410	*11 410	*8 150	6 980						*7 140	6 070	5.0
Boom : 5.7 m GP Arm : 2.9 m HD Shoe : 600 mm CWT : 4 600 kg	7.5 m	kg							*5 180	*5 180				*4 960	*4 960	6.2
	6 m	kg							*5 070	*5 070				*4 630	3 850	7.3
	4.5 m	kg							*5 640	5 180	*5 330	3 650		*4 570	3 270	8.0
	3 m	kg					*8 390	7 460	*6 560	4 920	5 340	3 540		4 490	2 970	8.4
	1.5 m	kg					*10 290	6 920	7 220	4 660	5 200	3 410		4 350	2 860	8.5
	0 m	kg			*5 420	*5 420	10 890	6 630	7 020	4 480	5 100	3 320		4 440	2 900	8.3
	-1.5 m	kg	*6 270	*6 270	*10 310	*10 310	10 800	6 550	6 930	4 410	5 060	3 290		4 810	3 130	7.8
	-3 m	kg	*11 370	*11 370	*15 560	12 600	*10 870	6 620	6 970	4 440				5 690	3 690	7.0
	-4.5 m	kg			*12 680	*12 680	*9 020	6 850						*6 890	5 100	5.6
Boom : 5.7 m GP Arm : 2.9 m GP Shoe : 600 mm CWT : 4 600 kg	7.5 m	kg							*5 210	*5 210				*4 970	*4 970	6.2
	6 m	kg							*5 100	*5 100				*4 630	3 880	7.3
	4.5 m	kg							*5 670	5 210	*5 360	3 670		*4 580	3 290	8.0
	3 m	kg					*8 430	7 500	*6 590	4 950	5 360	3 560		4 520	3 000	8.4
	1.5 m	kg					*10 340	6 960	7 250	4 700	5 230	3 440		4 380	2 890	8.5
	0 m	kg			*5 430	*5 430	10 940	6 680	7 050	4 520	5 130	3 350		4 470	2 930	8.3
	-1.5 m	kg	*6 280	*6 280	*10 320	*10 320	10 850	6 600	6 970	4 440	5 090	3 320		4 840	3 160	7.8
	-3 m	kg	*11 380	*11 380	*15 630	12 670	*10 920	6 670	7 010	4 480				5 720	3 720	7.0
	-4.5 m	kg			*12 740	*12 740	*9 070	6 890						*6 930	5 130	5.6
Boom : 5.7 m GP Arm : 3.5 m GP Shoe : 600 mm CWT : 4 600 kg	7.5 m	kg												*4 250	*4 250	6.8
	6 m	kg									*4 610	3 750		*4 040	3 470	7.8
	4.5 m	kg							*5 010	*5 010	*4 820	3 680		*4 020	2 980	8.5
	3 m	kg			*11 270	*11 270	*7 410	*7 410	*5 980	4 980	*5 300	3 550		4 130	2 720	8.8
	1.5 m	kg					*9 520	7 040	*7 050	4 690	5 190	3 400		4 000	2 610	8.9
	0 m	kg			*7 050	*7 050	10 940	6 660	7 010	4 470	5 060	3 280		4 060	2 640	8.7
	-1.5 m	kg	*6 210	*6 210	*10 310	*10 310	10 760	6 500	6 880	4 350	4 990	3 220		4 350	2 810	8.3
	-3 m	kg	*10 120	*10 120	*15 210	12 400	10 770	6 510	6 870	4 340	5 020	3 240		5 010	3 230	7.5
	-4.5 m	kg	*15 160	*15 160	*14 260	12 720	*9 910	6 670	7 010	4 470				6 580	4 220	6.3

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 EC230F N

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		7.5 m		Max. reach		Max. m				
			Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC					
Boom :	7.5 m	kg												*6 290	*6 290	4.9			
5.7 m HD	6 m	kg							*6 030	5 220					*6 070	4 820	6.3		
Arm :	4.5 m	kg					*7 640	*7 640	*6 410	5 080					5 910	3 900	7.1		
2.0 m ME	3 m	kg					*9 600	7 210	*7 210	4 840	5 320	3 490			5 310	3 480	7.5		
Shoe :	1.5 m	kg							7 220	4 620	5 230	3 400			5 120	3 330	7.6		
700 mm	0 m	kg					11 000	6 650	7 080	4 490					5 270	3 410	7.4		
CWT :	-1.5 m	kg					11 030	6 680	7 070	4 480					5 870	3 790	6.9		
4 600 kg	-3 m	kg			*13 310	13 080	*9 900	6 830							*7 330	4 750	5.9		
Boom :	7.5 m	kg													*5 660	*5 660	5.6		
5.7 m HD	6 m	kg							*5 480	5 340					*5 580	4 280	6.8		
Arm :	4.5 m	kg							*6 950	*6 950	*5 980	5 170	5 480	3 640	5 380	3 570	7.6		
2.5 m HD	3 m	kg							*8 930	7 410	*6 850	4 920	5 380	3 540	4 890	3 220	8.0		
Shoe :	1.5 m	kg							*10 680	6 920	7 290	4 680	5 260	3 430	4 720	3 090	8.1		
700 mm	0 m	kg							11 040	6 690	7 110	4 520	5 180	3 350	4 840	3 140	7.9		
CWT :	-1.5 m	kg			*10 800	*10 800	11 010	6 660	7 050	4 470					5 300	3 430	7.4		
4 600 kg	-3 m	kg			*14 650	12 920	*10 480	6 760	7 140	4 550					6 430	4 130	6.5		
	-4.5 m	kg			*11 320	*11 320	*8 100	7 050							*7 090	6 140	5.0		
Boom :	7.5 m	kg							*5 170	*5 170					*4 960	*4 960	6.2		
5.7 m HD	6 m	kg							*5 060	*5 060					*4 630	3 900	7.3		
Arm :	4.5 m	kg							*5 620	5 260	*5 310	3 690			*4 570	3 310	8.0		
2.9 m HD	3 m	kg							*8 350	7 560	*6 530	4 990	5 420	3 580	4 570	3 010	8.4		
Shoe :	1.5 m	kg							*10 240	7 000	7 340	4 720	5 280	3 450	4 420	2 890	8.5		
700 mm	0 m	kg							*5 420	*5 420	11 050	6 700	7 120	4 530	5 170	3 350	8.3		
CWT :	-1.5 m	kg	*6 270	*6 270	*10 310	*10 310	10 960	6 620	7 040	4 450	5 140	3 320			4 890	3 170	7.8		
4 600 kg	-3 m	kg	*11 370	*11 370	*15 470	12 720	*10 810	6 690	7 080	4 490					5 770	3 730	7.0		
	-4.5 m	kg			*12 600	*12 600	*8 970	6 920							*6 840	5 150	5.6		
Boom :	7.5 m	kg							*5 190	*5 190					*4 970	*4 970	6.2		
5.7 m HD	6 m	kg							*5 080	*5 080					*4 630	3 930	7.3		
Arm :	4.5 m	kg							*5 650	5 280	*5 340	3 720			*4 580	3 330	8.0		
2.9 m GP	3 m	kg							*8 390	7 600	*6 570	5 020	5 450	3 610	4 590	3 030	8.4		
Shoe :	1.5 m	kg							*10 290	7 040	7 370	4 750	5 310	3 480	4 450	2 920	8.5		
700 mm	0 m	kg							*5 430	*5 430	11 110	6 750	7 160	4 570	5 200	3 380	8.3		
CWT :	-1.5 m	kg	*6 280	*6 280	*10 320	*10 320	11 010	6 670	7 070	4 490	5 170	3 350			4 920	3 190	7.8		
4 600 kg	-3 m	kg	*11 380	*11 380	*15 540	12 800	*10 860	6 730	7 110	4 520					5 800	3 760	7.0		
	-4.5 m	kg			*12 660	*12 660	*9 010	6 960							*6 880	5 190	5.6		
Boom :	7.5 m	kg													*4 250	*4 250	6.8		
5.7 m HD	6 m	kg													*4 040	3 510	7.8		
Arm :	4.5 m	kg							*4 990	*4 990	*4 800	3 730			*4 020	3 020	8.5		
3.5 m GP	3 m	kg							*11 230	*11 230	*7 390	*7 390	*5 960	5 050	*5 270	3 590	*4 150	2 750	8.8
Shoe :	1.5 m	kg							*9 480	7 130	*7 010	4 750	5 280	3 440	4 060	2 640	8.9		
700 mm	0 m	kg							*7 050	*7 050	*10 880	6 730	7 120	4 520	5 140	3 320	4 120	2 670	8.7
CWT :	-1.5 m	kg	*6 210	*6 210	*10 310	*10 310	10 920	6 570	6 990	4 400	5 070	3 250			4 420	2 840	8.3		
4 600 kg	-3 m	kg	*10 120	*10 120	*15 210	12 520	10 920	6 580	6 970	4 390	5 100	3 270			5 090	3 270	7.5		
	-4.5 m	kg	*15 160	*15 160	*14 170	12 840	*9 850	6 730	7 110	4 510					*6 660	4 260	6.3		
Boom :	7.5 m	kg							*8 620	8 340					*8 500	7 590	4.8		
5.57 m 2-pieces	6 m	kg							*8 590	8 280	*7 480	5 170			*7 420	4 930	6.2		
Arm :	4.5 m	kg							*9 570	7 820	*7 680	5 040			6 040	3 950	7.0		
2.0 m ME	3 m	kg							*10 890	7 190	7 460	4 800			5 400	3 510	7.4		
Shoe :	1.5 m	kg									7 210	4 570	5 210	3 360	5 200	3 350	7.5		
700 mm	0 m	kg							*10 890	6 580	7 070	4 440			5 370	3 440	7.3		
CWT :	-1.5 m	kg							*9 390	6 610	7 070	4 440			*5 900	3 840	6.7		
4 600 kg	-3 m	kg							*6 730	*6 730							5.8		
Boom :	7.5 m	kg							*7 860	*7 860					*6 840	6 160	5.5		
5.57 m 2-pieces	6 m	kg							*8 000	*8 000	*7 030	5 310			*6 260	4 360	6.7		
Arm :	4.5 m	kg							*9 030	8 030	*7 360	5 150			5 480	3 600	7.5		
2.5 m HD	3 m	kg							*10 470	7 400	7 560	4 890	5 370	3 500	4 960	3 230	7.9		
Shoe :	1.5 m	kg							11 320	6 870	7 280	4 630	5 240	3 390	4 790	3 100	8.0		
700 mm	0 m	kg							11 030	6 620	7 100	4 470	5 160	3 310	4 910	3 160	7.8		
CWT :	-1.5 m	kg			*11 440	*11 440	*10 090	6 590	7 040	4 420					5 410	3 460	7.3		
4 600 kg	-3 m	kg							*7 860	6 720	*5 700	4 520			*5 030	4 220	6.4		

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 EC230F N

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		7.5 m		Max. reach		Max. m	
			Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC		
Boom : 5.57 m 2-pieces Arm : 2.9 m HD Shoe : 700 mm CWT : 4 600 kg	9 m	kg												*6 190	*6 190	4.0
	7.5 m	kg					*7 070	*7 070	*5 120	*5 120				*4 990	*4 990	6.0
	6 m	kg					*7 130	*7 130	*6 690	5 420				*4 610	3 960	7.2
	4.5 m	kg			*9 100	*9 100	*8 560	8 220	*7 080	5 240	5 530	3 650		*4 520	3 330	7.9
	3 m	kg					*10 060	7 560	7 650	4 960	5 410	3 540		*4 620	3 010	8.3
	1.5 m	kg					*11 220	6 960	7 330	4 680	5 270	3 410		4 480	2 890	8.4
	0 m	kg			*5 940	*5 940	11 040	6 630	7 110	4 480	5 160	3 310		4 570	2 940	8.2
	-1.5 m	kg			*10 830	*10 830	*10 490	6 540	7 020	4 400	5 140	3 290		4 970	3 190	7.7
	-3 m	kg			*10 950	*10 950	*8 580	6 630	*6 380	4 460				*4 980	3 790	6.8
	Boom : 5.57 m 2-pieces Arm : 2.9 m GP Shoe : 700 mm CWT : 4 600 kg	9 m	kg												*6 200	*6 200
7.5 m		kg					*7 080	*7 080	*5 130	*5 130				*5 000	*5 000	6.0
6 m		kg					*7 140	*7 140	*6 710	5 440				*4 620	3 980	7.2
4.5 m		kg			*9 120	*9 120	*8 590	8 240	*7 110	5 270	5 560	3 680		*4 530	3 350	7.9
3 m		kg					*10 100	7 600	7 680	4 990	5 440	3 570		*4 630	3 040	8.3
1.5 m		kg					*11 270	7 000	7 370	4 710	5 300	3 440		4 500	2 920	8.4
0 m		kg			*5 950	*5 950	11 090	6 680	7 150	4 520	5 190	3 340		4 600	2 970	8.2
-1.5 m		kg			*10 840	*10 840	*10 550	6 590	7 060	4 440	5 170	3 320		5 000	3 220	7.7
-3 m		kg			*11 020	*11 020	*8 640	6 680	*6 420	4 490				*5 020	3 820	6.8
Boom : 5.57 m 2-pieces Arm : 3.5 m GP Shoe : 700 mm CWT : 4 600 kg		9 m	kg					*5 740	*5 740						*4 980	*4 980
	7.5 m	kg							*5 460	*5 460				*4 270	*4 270	6.7
	6 m	kg							*6 030	5 520	*4 720	3 760		*4 020	3 550	7.7
	4.5 m	kg					*6 770	*6 770	*6 570	5 330	5 590	3 700		*3 980	3 030	8.4
	3 m	kg			*14 050	*14 050	*9 310	7 770	*7 280	5 030	5 440	3 560		*4 100	2 750	8.8
	1.5 m	kg					*10 780	7 100	7 390	4 720	5 270	3 400		4 110	2 640	8.8
	0 m	kg			*7 520	*7 520	11 100	6 670	7 110	4 480	5 130	3 270		4 170	2 670	8.7
	-1.5 m	kg	*6 300	*6 300	*10 780	*10 780	10 900	6 490	6 970	4 350	5 060	3 210		4 480	2 850	8.2
	-3 m	kg			*12 880	12 410	*9 470	6 510	6 970	4 340				*5 040	3 300	7.4
	-4.5 m	kg					*6 690	*6 690								6.2
Boom : 5.7 m GP Arm : 2.5 m HD Shoe : 700 mm CWT : 4 600 kg	7.5 m	kg												*5 680	*5 680	5.6
	6 m	kg							*5 500	5 340				*5 600	4 290	6.8
	4.5 m	kg					*6 970	*6 970	*6 010	5 180	5 490	3 650		5 380	3 580	7.6
	3 m	kg					*8 970	7 430	*6 880	4 940	5 390	3 560		4 900	3 230	8.0
	1.5 m	kg					*10 730	6 950	7 300	4 700	5 270	3 450		4 740	3 110	8.1
	0 m	kg					11 080	6 740	7 130	4 550	5 190	3 380		4 850	3 170	7.9
	-1.5 m	kg			*10 800	*10 800	11 040	6 710	7 080	4 500				5 320	3 450	7.4
	-3 m	kg			*14 740	12 990	*10 550	6 810	7 160	4 580				6 450	4 160	6.5
	-4.5 m	kg			*11 410	*11 410	*8 150	7 090						*7 140	6 170	5.0
	Boom : 5.7 m GP Arm : 2.9 m HD Shoe : 700 mm CWT : 4 600 kg	7.5 m	kg							*5 180	*5 180				*4 960	*4 960
6 m		kg							*5 070	*5 070				*4 630	3 910	7.3
4.5 m		kg							*5 640	5 260	*5 330	3 700		*4 570	3 320	8.0
3 m		kg					*8 390	7 570	*6 560	5 000	5 430	3 590		4 580	3 020	8.4
1.5 m		kg					*10 290	7 030	7 350	4 740	5 290	3 470		4 430	2 910	8.5
0 m		kg			*5 420	*5 420	11 090	6 740	7 140	4 560	5 190	3 370		4 530	2 950	8.3
-1.5 m		kg	*6 270	*6 270	*10 310	*10 310	11 000	6 660	7 060	4 480	5 160	3 340		4 900	3 190	7.8
-3 m		kg	*11 370	*11 370	*15 560	12 800	*10 870	6 730	7 100	4 520				5 790	3 750	7.0
-4.5 m		kg			*12 680	*12 680	*9 020	6 960						*6 890	5 180	5.6
Boom : 5.7 m GP Arm : 2.9 m GP Shoe : 700 mm CWT : 4 600 kg		7.5 m	kg							*5 210	*5 210				*4 970	*4 970
	6 m	kg							*5 100	*5 100				*4 630	3 940	7.3
	4.5 m	kg							*5 670	5 280	*5 360	3 730		*4 580	3 340	8.0
	3 m	kg					*8 430	7 610	*6 590	5 030	5 460	3 620		4 600	3 050	8.4
	1.5 m	kg					*10 340	7 070	7 380	4 770	5 320	3 500		4 460	2 940	8.5
	0 m	kg			*5 430	*5 430	11 140	6 790	7 180	4 590	5 220	3 400		4 550	2 980	8.3
	-1.5 m	kg	*6 280	*6 280	*10 320	*10 320	11 050	6 710	7 100	4 520	5 190	3 370		4 930	3 220	7.8
	-3 m	kg	*11 380	*11 380	*15 630	12 870	*10 920	6 780	7 140	4 560				5 820	3 780	7.0
	-4.5 m	kg			*12 740	*12 740	*9 070	7 000						*6 930	5 210	5.6
	Boom : 5.7 m GP Arm : 3.5 m GP Shoe : 700 mm CWT : 4 600 kg	7.5 m	kg												*4 250	*4 250
6 m		kg									*4 610	3 800		*4 040	3 520	7.8
4.5 m		kg							*5 010	*5 010	*4 820	3 740		*4 020	3 030	8.5
3 m		kg			*11 270	*11 270	*7 410	*7 410	*5 980	5 050	*5 300	3 600		*4 150	2 770	8.8
1.5 m		kg					*9 520	7 150	*7 050	4 770	5 290	3 460		4 080	2 660	8.9
0 m		kg			*7 050	*7 050	*10 940	6 770	7 140	4 550	5 160	3 340		4 140	2 680	8.7
-1.5 m		kg	*6 210	*6 210	*10 310	*10 310	10 950	6 610	7 010	4 430	5 090	3 270		4 430	2 860	8.3
-3 m		kg	*10 120	*10 120	*15 210	12 600	10 960	6 620	7 000	4 420	5 110	3 300		5 110	3 290	7.5
-4.5 m		kg	*15 160	*15 160	*14 260	12 920	*9 910	6 780	7 130	4 540				6 700	4 290	6.3

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 EC230F N

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	kg	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		Max. reach		Max. m		
			Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC			
Boom :	7.5 m	kg												*6 290	*6 290	4.9	
5.7 m HD	6.0 m	kg							*6 030	5 600				*6 070	5 170	6.3	
Arm :	4.5 m	kg					*7 640	*7 640	*6 410	5 460				*6 110	4 210	7.1	
2.0 m ME	3.0 m	kg					*9 600	7 770	*7 210	5 220	5 660	3 780	5 640	3 770	7.5		
Shoe :	1.5 m	kg							7 670	5 000	5 560	3 690	5 450	3 620	7.6		
600 mm	0 m	kg					*11 520	7 210	7 530	4 880			5 610	3 710	7.4		
CWT :	-1.5 m	kg					*11 140	7 230	7 520	4 870			6 250	4 110	6.9		
5 400 kg	-3.0 m	kg			*13 310	*13 310	*9 900	7 380					*7 330	5 140	5.9		
Boom :	7.5 m	kg												*5 660	*5 660	5.6	
5.7 m HD	6.0 m	kg							*5 480	*5 480				*5 580	4 610	6.8	
Arm :	4.5 m	kg							*6 950	*6 950	*5 980	5 560	*5 650	3 930	*5 660	3 850	7.6
2.5 m HD	3.0 m	kg					*8 930	7 960	*6 850	5 300	5 710	3 830	5 200	3 490	8.0		
Shoe :	1.5 m	kg					*10 680	7 470	7 730	5 060	5 590	3 720	5 030	3 350	8.1		
600 mm	0 m	kg					*11 470	7 250	7 560	4 900	5 510	3 650	5 150	3 420	7.9		
CWT :	-1.5 m	kg			*10 800	*10 800	*11 390	7 210	7 500	4 850			5 640	3 730	7.4		
5 400 kg	-3.0 m	kg			*14 650	13 930	*10 480	7 320	7 590	4 930			6 830	4 480	6.5		
	-4.5 m	kg			*11 320	*11 320	*8 100	7 600					*7 090	6 620	5.0		
Boom :	7.5 m	kg							*5 170	*5 170				*4 960	*4 960	6.2	
5.7 m HD	6.0 m	kg							*5 060	*5 060				*4 630	4 200	7.3	
Arm :	4.5 m	kg							*5 620	*5 620	*5 310	3 980		*4 570	3 580	8.0	
2.9 m HD	3.0 m	kg					*8 350	8 110	*6 530	5 370	*5 700	3 870	*4 690	3 260	8.4		
Shoe :	1.5 m	kg					*10 240	7 550	*7 480	5 100	5 620	3 740	4 710	3 140	8.5		
600 mm	0 m	kg			*5 420	*5 420	*11 290	7 250	7 570	4 910	5 510	3 640	4 800	3 190	8.3		
CWT :	-1.5 m	kg	*6 270	*6 270	*10 310	*10 310	*11 450	7 170	7 480	4 830	5 470	3 610	5 200	3 440	7.8		
5 400 kg	-3.0 m	kg	*11 370	*11 370	*15 470	13 730	*10 810	7 240	7 530	4 870			6 140	4 040	7.0		
	-4.5 m	kg			*12 600	*12 600	*8 970	7 480					*6 840	5 570	5.6		
Boom :	7.5 m	kg							*5 190	*5 190				*4 970	*4 970	6.2	
5.7 m HD	6.0 m	kg							*5 080	*5 080				*4 630	4 230	7.3	
Arm :	4.5 m	kg							*5 650	*5 650	*5 340	4 010		*4 580	3 600	8.0	
2.9 m GP	3.0 m	kg					*8 390	8 150	*6 570	5 400	*5 730	3 900	*4 700	3 290	8.4		
Shoe :	1.5 m	kg					*10 290	7 600	*7 520	5 130	5 640	3 770	4 730	3 170	8.5		
600 mm	0 m	kg			*5 430	*5 430	*11 340	7 300	7 610	4 950	5 540	3 670	4 830	3 220	8.3		
CWT :	-1.5 m	kg	*6 280	*6 280	*10 320	*10 320	*11 510	7 220	7 520	4 870	5 500	3 640	5 230	3 470	7.8		
5 400 kg	-3.0 m	kg	*11 380	*11 380	*15 540	13 810	*10 860	7 290	7 560	4 910			6 170	4 070	7.0		
	-4.5 m	kg			*12 660	*12 660	*9 010	7 520					*6 880	5 600	5.6		
Boom :	7.5 m	kg												*4 250	*4 250	6.8	
5.7 m HD	6.0 m	kg									*4 590	4 090		*4 040	3 790	7.8	
Arm :	4.5 m	kg							*4 990	*4 990	*4 800	4 020		*4 020	3 270	8.5	
3.5 m GP	3.0 m	kg			*11 230	*11 230	*7 390	*7 390	*5 960	5 430	*5 270	3 880	*4 150	2 990	8.8		
Shoe :	1.5 m	kg					*9 480	7 680	*7 010	5 130	5 610	3 730	4 330	2 880	8.9		
600 mm	0 m	kg			*7 050	*7 050	*10 880	7 280	7 570	4 900	5 480	3 610	4 400	2 910	8.7		
CWT :	-1.5 m	kg	*6 210	*6 210	*10 310	*10 310	*11 410	7 120	7 430	4 780	5 400	3 540	4 710	3 100	8.3		
5 400 kg	-3.0 m	kg	*10 120	*10 120	*15 210	13 530	*11 120	7 130	7 420	4 770	5 430	3 560	5 420	3 560	7.5		
	-4.5 m	kg	*15 160	*15 160	*14 170	13 850	*9 850	7 290	*7 120	4 900			*6 660	4 620	6.3		
Boom :	7.5 m	kg					*8 620	*8 620						*8 500	8 100	4.8	
5.57 m 2-pieces	6.0 m	kg					*8 590	*8 590	*7 480	5 550				*7 420	5 290	6.2	
Arm :	4.5 m	kg					*9 570	8 380	*7 680	5 430				6 400	4 260	7.0	
2.0 m ME	3.0 m	kg					*10 890	7 750	7 910	5 180				5 740	3 800	7.4	
Shoe :	1.5 m	kg							7 660	4 950	5 550	3 650	5 540	3 640	7.5		
600 mm	0 m	kg					*10 890	7 130	7 520	4 820			5 710	3 740	7.3		
CWT :	-1.5 m	kg					*9 390	7 160	*7 140	4 820			*5 900	4 170	6.7		
5 400 kg	-3.0 m	kg					*6 730	*6 730							5.8		
Boom :	7.5 m	kg					*7 860	*7 860						*6 840	6 590	5.5	
5.57 m 2-pieces	6.0 m	kg					*8 000	*8 000	*7 030	5 700				*6 260	4 690	6.7	
Arm :	4.5 m	kg			*12 670	*12 670	*9 030	8 590	*7 360	5 530				5 810	3 890	7.5	
2.5 m HD	3.0 m	kg					*10 470	7 950	*7 930	5 270	5 700	3 790	5 270	3 510	7.9		
Shoe :	1.5 m	kg					*11 410	7 420	7 730	5 010	5 580	3 680	5 100	3 370	8.0		
600 mm	0 m	kg					*11 250	7 170	7 540	4 850	5 500	3 600	5 230	3 440	7.8		
CWT :	-1.5 m	kg			*11 440	*11 440	*10 090	7 140	7 490	4 800			*5 710	3 770	7.3		
5 400 kg	-3.0 m	kg					*7 860	7 270	*5 700	4 910			*5 030	4 580	6.4		

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 EC230F N

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	kg	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		Max. reach		Max. m	
			Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC		
Boom : 5.57 m 2-pieces Arm : 2.9 m HD Shoe : 600 mm CWT : 5 400 kg	9.0 m	kg												*6 190	*6 190	4.0
	7.5 m	kg					*7 070	*7 070	*5 120	*5 120				*4 990	*4 990	6.0
	6.0 m	kg					*7 130	*7 130	*6 690	5 800				*4 610	4 260	7.2
	4.5 m	kg			*9 100	*9 100	*8 560	*8 560	*7 080	5 620	5 870	3 940		*4 520	3 600	7.9
	3.0 m	kg					*10 060	8 120	*7 710	5 340	5 750	3 830		*4 620	3 270	8.3
	1.5 m	kg					*11 220	7 510	7 780	5 060	5 600	3 700		4 770	3 150	8.4
	0 m	kg			*5 940	*5 940	*11 370	7 180	7 560	4 860	5 490	3 600		4 870	3 200	8.2
	-1.5 m	kg			*10 830	*10 830	*10 490	7 100	7 470	4 780	5 470	3 580		5 300	3 470	7.7
	-3.0 m	kg			*10 950	*10 950	*8 580	7 190	*6 380	4 840				*4 980	4 110	6.8
Boom : 5.57 m 2-pieces Arm : 2.9 m GP Shoe : 600 mm CWT : 5 400 kg	9.0 m	kg												*6 200	*6 200	4.0
	7.5 m	kg					*7 080	*7 080	*5 130	*5 130				*5 000	*5 000	6.0
	6.0 m	kg					*7 140	*7 140	*6 710	5 820				*4 620	4 290	7.2
	4.5 m	kg			*9 120	*9 120	*8 590	*8 590	*7 110	5 650	5 890	3 970		*4 530	3 630	7.9
	3.0 m	kg					*10 100	8 150	*7 750	5 370	5 770	3 860		*4 630	3 300	8.3
	1.5 m	kg					*11 270	7 560	7 820	5 090	5 630	3 730		4 790	3 180	8.4
	0 m	kg			*5 950	*5 950	*11 420	7 230	7 600	4 900	5 520	3 630		4 900	3 230	8.2
	-1.5 m	kg			*10 840	*10 840	*10 550	7 150	7 510	4 820	5 500	3 610		5 320	3 500	7.7
	-3.0 m	kg			*11 020	*11 020	*8 640	7 230	*6 420	4 870				*5 020	4 140	6.8
Boom : 5.57 m 2-pieces Arm : 3.5 m GP Shoe : 600 mm CWT : 5 400 kg	9.0 m	kg					*5 740	*5 740						*4 980	*4 980	4.9
	7.5 m	kg							*5 460	*5 460				*4 270	*4 270	6.7
	6.0 m	kg							*6 030	5 900	*4 720	4 050		*4 020	3 830	7.7
	4.5 m	kg					*6 770	*6 770	*6 570	5 710	*5 850	3 990		*3 980	3 280	8.4
	3.0 m	kg			*14 050	*14 050	*9 310	8 320	*7 280	5 410	5 770	3 850		*4 100	3 000	8.8
	1.5 m	kg					*10 780	7 660	7 830	5 100	5 600	3 690		*4 370	2 880	8.8
	0 m	kg			*7 520	*7 520	*11 370	7 220	7 560	4 860	5 460	3 560		4 450	2 910	8.7
	-1.5 m	kg	*6 300	*6 300	*10 780	*10 780	*10 920	7 050	7 420	4 730	5 390	3 500		4 770	3 110	8.2
	-3.0 m	kg			*12 880	*12 880	*9 470	7 070	*7 050	4 730				*5 040	3 600	7.4
-4.5 m	kg					*6 690	*6 690								6.2	
Boom : 5.7 m GP Arm : 2.5 m HD Shoe : 600 mm CWT : 5 400 kg	7.5 m	kg												*5 680	*5 680	5.6
	6.0 m	kg							*5 500	*5 500				*5 600	4 620	6.8
	4.5 m	kg					*6 970	*6 970	*6 010	5 560	*5 680	3 940		*5 690	3 870	7.6
	3.0 m	kg					*8 970	7 980	*6 880	5 320	5 720	3 850		5 210	3 500	8.0
	1.5 m	kg					*10 730	7 500	7 750	5 080	5 610	3 740		5 040	3 370	8.1
	0 m	kg					*11 530	7 290	7 580	4 930	5 530	3 670		5 170	3 440	7.9
	-1.5 m	kg			*10 800	*10 800	*11 460	7 260	7 530	4 880				5 660	3 750	7.4
	-3.0 m	kg			*14 740	14 000	*10 550	7 360	7 610	4 960				6 850	4 510	6.5
	-4.5 m	kg			*11 410	*11 410	*8 150	7 640						*7 140	6 650	5.0
Boom : 5.7 m GP Arm : 2.9 m HD Shoe : 600 mm CWT : 5 400 kg	7.5 m	kg							*5 180	*5 180				*4 960	*4 960	6.2
	6.0 m	kg							*5 070	*5 070				*4 630	4 210	7.3
	4.5 m	kg							*5 640	5 640	*5 330	3 990		*4 570	3 590	8.0
	3.0 m	kg					*8 390	8 120	*6 560	5 380	*5 730	3 880		*4 690	3 280	8.4
	1.5 m	kg					*10 290	7 580	*7 520	5 120	5 630	3 760		4 720	3 160	8.5
	0 m	kg			*5 420	*5 420	*11 350	7 290	7 590	4 940	5 520	3 660		4 820	3 210	8.3
	-1.5 m	kg	*6 270	*6 270	*10 310	*10 310	*11 510	7 210	7 510	4 860	5 490	3 630		5 220	3 470	7.8
	-3.0 m	kg	*11 370	*11 370	*15 560	13 810	*10 870	7 280	7 550	4 900				6 160	4 070	7.0
	-4.5 m	kg			*12 680	*12 680	*9 020	7 510						*6 890	5 600	5.6
Boom : 5.7 m GP Arm : 2.9 m GP Shoe : 600 mm CWT : 5 400 kg	7.5 m	kg							*5 210	*5 210				*4 970	*4 970	6.2
	6.0 m	kg							*5 100	*5 100				*4 630	4 230	7.3
	4.5 m	kg							*5 670	5 660	*5 360	4 020		*4 580	3 610	8.0
	3.0 m	kg					*8 430	8 160	*6 590	5 410	*5 760	3 910		*4 700	3 300	8.4
	1.5 m	kg					*10 340	7 630	*7 560	5 150	5 660	3 790		4 750	3 190	8.5
	0 m	kg			*5 430	*5 430	*11 400	7 340	7 630	4 970	5 550	3 690		4 850	3 240	8.3
	-1.5 m	kg	*6 280	*6 280	*10 320	*10 320	*11 570	7 260	7 550	4 900	5 520	3 660		5 250	3 490	7.8
	-3.0 m	kg	*11 380	*11 380	*15 630	13 880	*10 920	7 330	7 590	4 940				6 190	4 100	7.0
	-4.5 m	kg			*12 740	*12 740	*9 070	7 560						*6 930	5 630	5.6
Boom : 5.7 m GP Arm : 3.5 m GP Shoe : 600 mm CWT : 5 400 kg	7.5 m	kg												*4 250	*4 250	6.8
	6.0 m	kg								*4 610	4 090			*4 040	3 800	7.8
	4.5 m	kg							*5 010	*5 010	*4 820	4 030		*4 020	3 280	8.5
	3.0 m	kg			*11 270	*11 270	*7 410	*7 410	*5 980	5 430	*5 300	3 890		*4 150	3 010	8.8
	1.5 m	kg					*9 520	7 710	*7 050	5 150	5 620	3 750		4 340	2 900	8.9
	0 m	kg			*7 050	*7 050	*10 940	7 320	7 590	4 930	5 490	3 630		4 410	2 930	8.7
	-1.5 m	kg	*6 210	*6 210	*10 310	*10 310	*11 470	7 170	7 460	4 810	5 420	3 560		4 720	3 120	8.3
	-3.0 m	kg	*10 120	*10 120	*15 210	13 610	*11 190	7 180	7 450	4 800	5 450	3 590		5 440	3 580	7.5
	-4.5 m	kg	*15 160	*15 160	*14 260	13 930	*9 910	7 330	*7 170	4 920				*6 700	4 650	6.3

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 EC230F N

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		7.5 m		Max. reach		Max. m		
		Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC			
Boom :	7.5 m kg												*6 290	*6 290	4.9	
5.7 m HD	6.0 m kg							*6 030	5 680					*6 070	5 250	6.3
Arm :	4.5 m kg					*7 640	*7 640	*6 410	5 530					*6 110	4 270	7.1
2.0 m ME	3.0 m kg					*9 600	7 880	*7 210	5 290	5 750	3 840			5 740	3 830	7.5
Shoe :	1.5 m kg							7 800	5 070	5 660	3 750			5 540	3 680	7.6
700 mm	0 m kg					*11 520	7 320	7 660	4 950					5 710	3 770	7.4
CWT :	-1.5 m kg					*11 140	7 340	7 650	4 940					6 360	4 170	6.9
5 400 kg	-3.0 m kg			*13 310	*13 310	*9 900	7 490							*7 330	5 210	5.9
Boom :	7.5 m kg													*5 660	*5 660	5.6
5.7 m HD	6.0 m kg							*5 480	*5 480					*5 580	4 670	6.8
Arm :	4.5 m kg					*6 950	*6 950	*5 980	5 630	*5 650	3 990			*5 660	3 910	7.6
2.5 m HD	3.0 m kg					*8 930	8 070	*6 850	5 380	5 810	3 890			5 280	3 540	8.0
Shoe :	1.5 m kg					*10 680	7 580	*7 740	5 140	5 690	3 780			5 110	3 410	8.1
700 mm	0 m kg					*11 470	7 360	7 690	4 980	5 600	3 700			5 240	3 470	7.9
CWT :	-1.5 m kg			*10 800	*10 800	*11 390	7 320	7 630	4 930					5 740	3 780	7.4
5 400 kg	-3.0 m kg			*14 650	14 130	*10 480	7 430	7 710	5 000					6 950	4 550	6.5
	-4.5 m kg			*11 320	*11 320	*8 100	7 710							*7 090	6 720	5.0
Boom :	7.5 m kg							*5 170	*5 170					*4 960	*4 960	6.2
5.7 m HD	6.0 m kg							*5 060	*5 060					*4 630	4 260	7.3
Arm :	4.5 m kg							*5 620	*5 620	*5 310	4 040			*4 570	3 630	8.0
2.9 m HD	3.0 m kg					*8 350	8 220	*6 530	5 440	*5 700	3 930			*4 690	3 310	8.4
Shoe :	1.5 m kg					*10 240	7 660	*7 480	5 180	5 710	3 800			4 790	3 190	8.5
700 mm	0 m kg			*5 420	*5 420	*11 290	7 360	7 700	4 990	5 600	3 700			4 890	3 240	8.3
CWT :	-1.5 m kg	*6 270	*6 270	*10 310	*10 310	*11 450	7 280	7 610	4 910	5 570	3 670			5 300	3 500	7.8
5 400 kg	-3.0 m kg	*11 370	*11 370	*15 470	13 930	*10 810	7 350	7 660	4 950					6 250	4 110	7.0
	-4.5 m kg			*12 600	*12 600	*8 970	7 590							*6 840	5 650	5.6
Boom :	7.5 m kg							*5 190	*5 190					*4 970	*4 970	6.2
5.7 m HD	6.0 m kg							*5 080	*5 080					*4 630	4 290	7.3
Arm :	4.5 m kg							*5 650	*5 650	*5 340	4 070			*4 580	3 650	8.0
2.9 m GP	3.0 m kg					*8 390	8 260	*6 570	5 470	*5 730	3 950			*4 700	3 340	8.4
Shoe :	1.5 m kg					*10 290	7 710	*7 520	5 210	5 740	3 830			4 820	3 220	8.5
700 mm	0 m kg			*5 430	*5 430	*11 340	7 410	7 740	5 020	5 630	3 730			4 920	3 270	8.3
CWT :	-1.5 m kg	*6 280	*6 280	*10 320	*10 320	*11 510	7 330	7 650	4 940	5 600	3 700			5 320	3 530	7.8
5 400 kg	-3.0 m kg	*11 380	*11 380	*15 540	14 010	*10 860	7 400	7 690	4 980					6 280	4 140	7.0
	-4.5 m kg			*12 660	*12 660	*9 010	7 630							*6 880	5 680	5.6
Boom :	7.5 m kg									*4 590	4 150			*4 250	*4 250	6.8
5.7 m HD	6.0 m kg									*4 990	*4 990	*4 800	4 080	*4 040	3 840	7.8
Arm :	4.5 m kg									*4 990	*4 990	*4 800	4 080	*4 020	3 320	8.5
3.5 m GP	3.0 m kg			*11 230	*11 230	*7 390	*7 390	*5 960	5 500	*5 270	3 940			*4 150	3 040	8.8
Shoe :	1.5 m kg					*9 480	7 790	*7 010	5 210	5 710	3 790			4 410	2 930	8.9
700 mm	0 m kg			*7 050	*7 050	*10 880	7 390	7 700	4 980	5 570	3 670			4 480	2 960	8.7
CWT :	-1.5 m kg	*6 210	*6 210	*10 310	*10 310	*11 410	7 230	7 560	4 860	5 500	3 600			4 790	3 150	8.3
5 400 kg	-3.0 m kg	*10 120	*10 120	*15 210	13 730	*11 120	7 240	7 550	4 840	5 520	3 620			5 520	3 620	7.5
	-4.5 m kg	*15 160	*15 160	*14 170	14 060	*9 850	7 400	*7 120	4 970					*6 660	4 700	6.3
Boom :	7.5 m kg					*8 620	8 340							*8 500	7 590	4.8
5.57 m 2-pieces	6.0 m kg					*8 590	8 280	*7 480	5 170					*7 420	4 930	6.2
Arm :	4.5 m kg					*9 570	7 820	*7 680	5 040					6 040	3 950	7.0
2.0 m ME	3.0 m kg					*10 890	7 190	7 460	4 800					5 400	3 510	7.4
Shoe :	1.5 m kg							7 210	4 570	5 210	3 360			5 200	3 350	7.5
700 mm	0 m kg					*10 890	6 580	7 070	4 440					5 370	3 440	7.3
CWT :	-1.5 m kg					*9 390	6 610	7 070	4 440					*5 900	3 840	6.7
5 400 kg	-3.0 m kg					*6 730	*6 730									5.8
Boom :	7.5 m kg					*7 860	*7 860							*6 840	6 670	5.5
5.57 m 2-pieces	6.0 m kg					*8 000	*8 000	*7 030	5 770					*6 260	4 760	6.7
Arm :	4.5 m kg			*12 670	*12 670	*9 030	8 700	*7 360	5 610					5 900	3 950	7.5
2.5 m HD	3.0 m kg					*10 470	8 060	*7 930	5 340	5 790	3 850			5 360	3 560	7.9
Shoe :	1.5 m kg					*11 410	7 530	7 860	5 090	5 670	3 730			5 190	3 420	8.0
700 mm	0 m kg					*11 250	7 280	7 670	4 920	5 590	3 660			5 320	3 490	7.8
CWT :	-1.5 m kg			*11 440	*11 440	*10 090	7 250	*7 610	4 880					*5 710	3 820	7.3
5 400 kg	-3.0 m kg					*7 860	7 380	*5 700	4 980					*5 030	4 650	6.4

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 EC230F N

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		7.5 m		Max. reach		Max. m	
		Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC		
Boom : 5.57 m 2-pieces Arm : 2.9 m HD Shoe : 700 mm CWT : 5 400 kg	9.0 m	kg											*6 190	*6 190	4.0
	7.5 m	kg				*7 070	*7 070	*5 120	*5 120				*4 990	*4 990	6.0
	6.0 m	kg				*7 130	*7 130	*6 690	5 870				*4 610	4 320	7.2
	4.5 m	kg			*9 100	*9 100	*8 560	*8 560	*7 080	5 700	5 960	4 000	*4 520	3 660	7.9
	3.0 m	kg					*10 060	8 230	*7 710	5 420	5 840	3 890	*4 620	3 320	8.3
	1.5 m	kg					*11 220	7 620	7 910	5 140	5 700	3 750	4 850	3 200	8.4
	0 m	kg			*5 940	*5 940	*11 370	7 290	7 690	4 940	5 590	3 660	4 960	3 260	8.2
	-1.5 m	kg			*10 830	*10 830	*10 490	7 210	7 600	4 860	5 570	3 640	5 390	3 530	7.7
	-3.0 m	kg			*10 950	*10 950	*8 580	7 300	*6 380	4 910			*4 980	4 180	6.8
Boom : 5.57 m 2-pieces Arm : 2.9 m GP Shoe : 700 mm CWT : 5 400 kg	9.0 m	kg											*6 200	*6 200	4.0
	7.5 m	kg				*7 080	*7 080	*5 130	*5 130				*5 000	*5 000	6.0
	6.0 m	kg				*7 140	*7 140	*6 710	5 900				*4 620	4 350	7.2
	4.5 m	kg			*9 120	*9 120	*8 590	*8 590	*7 110	5 720	5 990	4 020	*4 530	3 680	7.9
	3.0 m	kg					*10 100	8 260	*7 750	5 450	5 870	3 910	*4 630	3 350	8.3
	1.5 m	kg					*11 270	7 670	7 940	5 170	5 720	3 780	4 880	3 230	8.4
	0 m	kg			*5 950	*5 950	*11 420	7 340	7 720	4 970	5 620	3 690	4 980	3 280	8.2
	-1.5 m	kg			*10 840	*10 840	*10 550	7 260	7 640	4 890	5 600	3 660	5 420	3 560	7.7
	-3.0 m	kg			*11 020	*11 020	*8 640	7 340	*6 420	4 950			*5 020	4 210	6.8
Boom : 5.57 m 2-pieces Arm : 3.5 m GP Shoe : 700 mm CWT : 5 400 kg	9.0 m	kg				*5 740	*5 740						*4 980	*4 980	4.9
	7.5 m	kg						*5 460	*5 460				*4 270	*4 270	6.7
	6.0 m	kg						*6 030	5 980	*4 720	4 110		*4 020	3 890	7.7
	4.5 m	kg				*6 770	*6 770	*6 570	5 780	*5 850	4 050		*3 980	3 330	8.4
	3.0 m	kg			*14 050	*14 050	*9 310	8 430	*7 280	5 490	5 870	3 910	*4 100	3 040	8.8
	1.5 m	kg					*10 780	7 770	7 960	5 170	5 700	3 750	*4 370	2 930	8.8
	0 m	kg			*7 520	*7 520	*11 370	7 330	7 690	4 930	5 560	3 620	4 530	2 960	8.7
	-1.5 m	kg	*6 300	*6 300	*10 780	*10 780	*10 920	7 160	7 550	4 800	5 490	3 560	4 860	3 170	8.2
	-3.0 m	kg			*12 880	*12 880	*9 470	7 170	*7 050	4 800			*5 040	3 660	7.4
-4.5 m	kg					*6 690	*6 690							6.2	
Boom : 5.7 m GP Arm : 2.5 m HD Shoe : 700 mm CWT : 5 400 kg	7.5 m	kg											*5 680	*5 680	5.6
	6.0 m	kg						*5 500	*5 500				*5 600	4 680	6.8
	4.5 m	kg					*6 970	*6 970	*6 010	5 640	*5 680	4 000	*5 690	3 920	7.6
	3.0 m	kg					*8 970	8 090	*6 880	5 390	5 820	3 910	5 290	3 560	8.0
	1.5 m	kg					*10 730	7 610	*7 780	5 160	5 700	3 800	5 130	3 430	8.1
	0 m	kg					*11 530	7 400	7 710	5 010	5 620	3 730	5 260	3 490	7.9
	-1.5 m	kg			*10 800	*10 800	*11 460	7 370	7 660	4 960			5 750	3 810	7.4
	-3.0 m	kg			*14 740	14 200	*10 550	7 470	7 740	5 030			6 970	4 580	6.5
	-4.5 m	kg			*11 410	*11 410	*8 150	7 750					*7 140	6 750	5.0
Boom : 5.7 m GP Arm : 2.9 m HD Shoe : 700 mm CWT : 5 400 kg	7.5 m	kg						*5 180	*5 180				*4 960	*4 960	6.2
	6.0 m	kg						*5 070	*5 070				*4 630	4 270	7.3
	4.5 m	kg						*5 640	*5 640	*5 330	4 050		*4 570	3 640	8.0
	3.0 m	kg				*8 390	8 230	*6 560	5 460	*5 730	3 940		*4 690	3 330	8.4
	1.5 m	kg					*10 290	7 690	*7 520	5 200	5 720	3 820	4 800	3 210	8.5
	0 m	kg			*5 420	*5 420	*11 350	7 400	7 720	5 010	5 620	3 720	4 900	3 260	8.3
	-1.5 m	kg	*6 270	*6 270	*10 310	*10 310	*11 510	7 320	7 640	4 940	5 590	3 690	5 310	3 520	7.8
	-3.0 m	kg	*11 370	*11 370	*15 560	14 010	*10 870	7 390	7 680	4 980			6 270	4 130	7.0
	-4.5 m	kg			*12 680	*12 680	*9 020	7 620					*6 890	5 680	5.6
Boom : 5.7 m GP Arm : 2.9 m GP Shoe : 700 mm CWT : 5 400 kg	7.5 m	kg						*5 210	*5 210				*4 970	*4 970	6.2
	6.0 m	kg						*5 100	*5 100				*4 630	4 290	7.3
	4.5 m	kg						*5 670	*5 670	*5 360	4 080		*4 580	3 670	8.0
	3.0 m	kg				*8 430	8 270	*6 590	5 480	*5 760	3 970		*4 700	3 350	8.4
	1.5 m	kg					*10 340	7 740	*7 560	5 230	5 750	3 840	4 830	3 240	8.5
	0 m	kg			*5 430	*5 430	*11 400	7 450	7 760	5 050	5 650	3 750	4 930	3 290	8.3
	-1.5 m	kg	*6 280	*6 280	*10 320	*10 320	*11 570	7 370	7 670	4 970	5 620	3 720	5 340	3 550	7.8
	-3.0 m	kg	*11 380	*11 380	*15 630	14 080	*10 920	7 440	7 710	5 010			6 290	4 160	7.0
	-4.5 m	kg			*12 740	*12 740	*9 070	7 670					*6 930	5 710	5.6
Boom : 5.7 m GP Arm : 3.5 m GP Shoe : 700 mm CWT : 5 400 kg	7.5 m	kg											*4 250	*4 250	6.8
	6.0 m	kg								*4 610	4 150		*4 040	3 850	7.8
	4.5 m	kg						*5 010	*5 010	*4 820	4 080		*4 020	3 330	8.5
	3.0 m	kg			*11 270	*11 270	*7 410	*7 410	*5 980	5 510	*5 300	3 950	*4 150	3 050	8.8
	1.5 m	kg					*9 520	7 820	*7 050	5 230	5 720	3 810	4 420	2 940	8.9
	0 m	kg			*7 050	*7 050	*10 940	7 430	7 720	5 000	5 590	3 690	4 490	2 980	8.7
	-1.5 m	kg	*6 210	*6 210	*10 310	*10 310	*11 470	7 280	7 590	4 890	5 520	3 620	4 810	3 170	8.3
	-3.0 m	kg	*10 120	*10 120	*15 210	13 810	*11 190	7 280	7 570	4 880	5 540	3 640	5 530	3 640	7.5
	-4.5 m	kg	*15 160	*15 160	*14 260	14 130	*9 910	7 440	*7 170	5 000			*6 700	4 720	6.3

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 EC230F NL

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		7.5 m		Max. reach		Max. m		
		Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC			
Boom :	7.5 m kg													*6 290	*6 290	4.9
5.7 m HD	6.0 m kg							*6 030	5 240					*6 070	4 840	6.3
Arm :	4.5 m kg					*7 640	*7 640	*6 410	5 100					*6 110	3 940	7.1
2.0 m ME	3.0 m kg					*9 600	7 190	*7 210	4 860	6 240	3 530			6 230	3 520	7.5
Shoe :	1.5 m kg							*7 990	4 650	6 150	3 440			6 020	3 370	7.6
500 mm	0 m kg					*11 520	6 650	8 390	4 530					6 210	3 450	7.4
CWT :	-1.5 m kg					*11 140	6 670	*8 300	4 520					6 930	3 820	6.9
5 400 kg	-3.0 m kg			*13 310	12 800	*9 900	6 820							*7 330	4 770	5.9
Boom :	7.5 m kg													*5 660	*5 660	5.6
5.7 m HD	6.0 m kg							*5 480	5 360					*5 580	4 310	6.8
Arm :	4.5 m kg					*6 950	*6 950	*5 980	5 190	*5 650	3 670			*5 660	3 600	7.6
2.5 m HD	3.0 m kg					*8 930	7 390	*6 850	4 950	*5 950	3 580			5 730	3 250	8.0
Shoe :	1.5 m kg					*10 680	6 900	*7 740	4 710	6 180	3 470			5 550	3 130	8.1
500 mm	0 m kg					*11 470	6 690	*8 330	4 550	6 090	3 390			5 690	3 180	7.9
CWT :	-1.5 m kg			*10 800	*10 800	*11 390	6 660	8 370	4 500					6 240	3 470	7.4
5 400 kg	-3.0 m kg			*14 650	12 640	*10 480	6 760	*7 740	4 580					*6 950	4 170	6.5
	-4.5 m kg			*11 320	*11 320	*8 100	7 040							*7 090	6 140	5.0
Boom :	7.5 m kg							*5 190	*5 190					*4 970	*4 970	6.2
5.7 m HD	6.0 m kg							*5 080	*5 080					*4 630	3 960	7.3
Arm :	4.5 m kg							*5 650	5 300	*5 340	3 750			*4 580	3 370	8.0
2.9 m GP	3.0 m kg					*8 390	7 570	*6 570	5 040	*5 730	3 640			*4 700	3 070	8.4
Shoe :	1.5 m kg					*10 290	7 030	*7 520	4 780	*6 210	3 520			*5 020	2 950	8.5
500 mm	0 m kg			*5 430	*5 430	*11 340	6 740	*8 220	4 600	6 120	3 420			5 330	3 000	8.3
CWT :	-1.5 m kg	*6 280	*6 280	*10 320	*10 320	*11 510	6 660	8 390	4 520	6 090	3 390			5 780	3 230	7.8
5 400 kg	-3.0 m kg	*11 380	*11 380	*15 540	12 530	*10 860	6 730	*8 050	4 560					*6 620	3 790	7.0
	-4.5 m kg			*12 660	*12 660	*9 010	6 950							*6 880	5 210	5.6
Boom :	7.5 m kg							*5 170	*5 170					*4 960	*4 960	6.2
5.7 m HD	6.0 m kg							*5 060	*5 060					*4 630	3 940	7.3
Arm :	4.5 m kg							*5 620	5 270	*5 310	3 730			*4 570	3 340	8.0
2.9 m HD	3.0 m kg					*8 350	7 530	*6 530	5 010	*5 700	3 610			*4 690	3 040	8.4
Shoe :	1.5 m kg					*10 240	6 980	*7 480	4 750	*6 180	3 490			*5 010	2 930	8.5
500 mm	0 m kg			*5 420	*5 420	*11 290	6 690	*8 180	4 560	6 090	3 390			5 300	2 970	8.3
CWT :	-1.5 m kg	*6 270	*6 270	*10 310	*10 310	*11 450	6 610	8 350	4 480	6 060	3 360			5 750	3 200	7.8
5 400 kg	-3.0 m kg	*11 370	*11 370	*15 470	12 450	*10 810	6 680	*8 010	4 520					*6 590	3 760	7.0
	-4.5 m kg			*12 600	*12 600	*8 970	6 910							*6 840	5 170	5.6
Boom :	7.5 m kg													*4 250	*4 250	6.8
5.7 m HD	6.0 m kg									*4 590	3 830			*4 040	3 550	7.8
Arm :	4.5 m kg							*4 990	*4 990	*4 800	3 760			*4 020	3 050	8.5
3.5 m GP	3.0 m kg			*11 230	*11 230	*7 390	*7 390	*5 960	5 070	*5 270	3 630			*4 150	2 790	8.8
Shoe :	1.5 m kg					*9 480	7 110	*7 010	4 780	*5 830	3 480			*4 450	2 680	8.9
500 mm	0 m kg			*7 050	*7 050	*10 880	6 720	*7 870	4 550	6 060	3 350			4 860	2 700	8.7
CWT :	-1.5 m kg	*6 210	*6 210	*10 310	*10 310	*11 410	6 560	8 300	4 430	5 990	3 290			5 200	2 880	8.3
5 400 kg	-3.0 m kg	*10 120	*10 120	*15 210	12 260	*11 120	6 570	*8 200	4 420	6 010	3 310			6 000	3 310	7.5
	-4.5 m kg	*15 160	*15 160	*14 170	12 570	*9 850	6 720	*7 120	4 540					*6 660	4 300	6.3

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 EC230F NL

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		7.5 m		Max. reach		Max. m		
		Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC			
Boom :	7.5 m	kg											*6 290	*6 290	4.9	
5.7 m HD	6.0 m	kg						*6 030	5 290				*6 070	4 880	6.3	
Arm :	4.5 m	kg				*7 640	*7 640	*6 410	5 140				*6 110	3 970	7.1	
2.0 m ME	3.0 m	kg				*9 600	7 260	*7 210	4 910	*6 260	3 560		*6 260	3 550	7.5	
Shoe :	1.5 m	kg						*7 990	4 690	6 210	3 480		6 080	3 410	7.6	
600 mm	0 m	kg				*11 520	6 710	*8 420	4 570				6 280	3 490	7.4	
CWT :	-1.5 m	kg				*11 140	6 730	*8 300	4 560				7 000	3 860	6.9	
5 400 kg	-3.0 m	kg			*13 310	12 910	*9 900	6 880					*7 330	4 820	5.9	
Boom :	7.5 m	kg											*5 660	*5 660	5.6	
5.7 m HD	6.0 m	kg						*5 480	5 400				*5 580	4 350	6.8	
Arm :	4.5 m	kg						*6 950	*6 950	*5 980	5 240	*5 650	3 710	*5 660	3 630	7.6
2.5 m HD	3.0 m	kg				*8 930	7 450	*6 850	4 990	*5 950	3 610		5 790	3 290	8.0	
Shoe :	1.5 m	kg						*10 680	6 970	*7 740	4 750	6 250	3 500	5 610	3 160	8.1
600 mm	0 m	kg						*11 470	6 750	*8 330	4 600	6 160	3 430	5 750	3 210	7.9
CWT :	-1.5 m	kg			*10 800	*10 800	*11 390	6 720	*8 420	4 550				6 310	3 500	7.4
5 400 kg	-3.0 m	kg			*14 650	12 760	*10 480	6 820	*7 740	4 620				*6 950	4 210	6.5
	-4.5 m	kg			*11 320	*11 320	*8 100	7 100						*7 090	6 200	5.0
Boom :	7.5 m	kg						*5 170	*5 170					*4 960	*4 960	6.2
5.7 m HD	6.0 m	kg						*5 060	*5 060					*4 630	3 970	7.3
Arm :	4.5 m	kg						*5 620	5 320	*5 310	3 760			*4 570	3 370	8.0
2.9 m HD	3.0 m	kg				*8 350	7 600	*6 530	5 060	*5 700	3 650			*4 690	3 070	8.4
Shoe :	1.5 m	kg						*10 240	7 050	*7 480	4 790	*6 180	3 520	*5 010	2 960	8.5
600 mm	0 m	kg			*5 420	*5 420	*11 290	6 750	*8 180	4 600	6 160	3 420		5 360	3 000	8.3
CWT :	-1.5 m	kg	*6 270	*6 270	*10 310	*10 310	*11 450	6 670	*8 420	4 530	6 130	3 390		5 820	3 240	7.8
5 400 kg	-3.0 m	kg	*11 370	*11 370	*15 470	12 570	*10 810	6 740	*8 010	4 560				*6 590	3 800	7.0
	-4.5 m	kg			*12 600	*12 600	*8 970	6 970						*6 840	5 220	5.6
Boom :	7.5 m	kg						*5 190	*5 190					*4 970	*4 970	6.2
5.7 m HD	6.0 m	kg						*5 080	*5 080					*4 630	3 990	7.3
Arm :	4.5 m	kg						*5 650	5 340	*5 340	3 790			*4 580	3 400	8.0
2.9 m GP	3.0 m	kg				*8 390	7 630	*6 570	5 080	*5 730	3 680			*4 700	3 100	8.4
Shoe :	1.5 m	kg						*10 290	7 090	*7 520	4 830	*6 210	3 550	*5 020	2 980	8.5
600 mm	0 m	kg			*5 430	*5 430	*11 340	6 800	*8 220	4 640	6 190	3 450		5 390	3 030	8.3
CWT :	-1.5 m	kg	*6 280	*6 280	*10 320	*10 320	*11 510	6 720	*8 460	4 560	6 160	3 420		5 850	3 270	7.8
5 400 kg	-3.0 m	kg	*11 380	*11 380	*15 540	12 640	*10 860	6 790	*8 050	4 600				*6 620	3 830	7.0
	-4.5 m	kg			*12 660	*12 660	*9 010	7 020						*6 880	5 260	5.6
Boom :	7.5 m	kg												*4 250	*4 250	6.8
5.7 m HD	6.0 m	kg								*4 590	3 860			*4 040	3 580	7.8
Arm :	4.5 m	kg						*4 990	*4 990	*4 800	3 790			*4 020	3 080	8.5
3.5 m GP	3.0 m	kg			*11 230	*11 230	*7 390	*7 390	*5 960	5 110	*5 270	3 660		*4 150	2 820	8.8
Shoe :	1.5 m	kg						*9 480	7 170	*7 010	4 820	*5 830	3 510	*4 450	2 710	8.9
600 mm	0 m	kg			*7 050	*7 050	*10 880	6 790	*7 870	4 600	6 130	3 390		4 910	2 730	8.7
CWT :	-1.5 m	kg	*6 210	*6 210	*10 310	*10 310	*11 410	6 630	*8 310	4 480	6 050	3 320		5 260	2 910	8.3
5 400 kg	-3.0 m	kg	*10 120	*10 120	*15 210	12 370	*11 120	6 640	*8 200	4 460	6 080	3 350		6 070	3 340	7.5
	-4.5 m	kg	*15 160	*15 160	*14 170	12 680	*9 850	6 790	*7 120	4 590				*6 660	4 340	6.3

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 EC230F NL

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		7.5 m		Max. reach		Max. m		
		Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC			
Boom :	7.5 m kg					*8 620	8 290							*8 500	7 550	4.8
5.57 m 2-pieces	6.0 m kg					*8 590	8 230	*7 480	5 190					*7 420	4 940	6.2
Arm :	4.5 m kg					*9 570	7 780	*7 680	5 060					*6 980	3 980	7.0
2.0 m ME	3.0 m kg					*10 890	7 170	*8 140	4 820					6 350	3 540	7.4
Shoe :	1.5 m kg							*8 420	4 590	6 140	3 390			6 130	3 390	7.5
500 mm	0 m kg					*10 890	6 570	*8 180	4 470					*6 330	3 470	7.3
CWT :	-1.5 m kg					*9 390	6 600	*7 140	4 470					*5 900	3 870	6.7
5 400 kg	-3.0 m kg					*6 730	*6 730									5.8
Boom :	7.5 m kg					*7 860	*7 860							*6 840	6 160	5.5
5.57 m 2-pieces	6.0 m kg					*8 000	*8 000	*7 030	5 330					*6 260	4 380	6.7
Arm :	4.5 m kg			*12 670	*12 670	*9 030	7 990	*7 360	5 170					*6 130	3 630	7.5
2.5 m HD	3.0 m kg					*10 470	7 370	*7 930	4 910	6 300	3 530			5 820	3 260	7.9
Shoe :	1.5 m kg					*11 410	6 850	*8 360	4 660	6 170	3 420			5 640	3 130	8.0
500 mm	0 m kg					*11 250	6 610	*8 330	4 490	6 090	3 350			5 790	3 190	7.8
CWT :	-1.5 m kg			*11 440	*11 440	*10 090	6 580	*7 610	4 450					*5 710	3 500	7.3
5 400 kg	-3.0 m kg					*7 860	6 700	*5 700	4 550					*5 030	4 250	6.4
Boom :	9.0 m kg													*6 200	*6 200	4.0
5.57 m 2-pieces	7.5 m kg					*7 080	*7 080	*5 130	*5 130					*5 000	*5 000	6.0
Arm :	6.0 m kg					*7 140	*7 140	*6 710	5 450					*4 620	4 010	7.2
2.9 m GP	4.5 m kg			*9 120	*9 120	*8 590	8 190	*7 110	5 280	*6 260	3 710			*4 530	3 380	7.9
Shoe :	3.0 m kg					*10 100	7 560	*7 750	5 010	6 370	3 600			*4 630	3 070	8.3
500 mm	1.5 m kg					*11 270	6 980	*8 280	4 730	6 230	3 470			*4 910	2 960	8.4
CWT :	0 m kg			*5 950	*5 950	*11 420	6 660	*8 410	4 540	6 120	3 370			5 410	3 000	8.2
5 400 kg	-1.5 m kg			*10 840	*10 840	*10 550	6 580	*7 900	4 460	*5 830	3 350			*5 520	3 250	7.7
	-3.0 m kg			*11 020	*11 020	*8 640	6 660	*6 420	4 520					*5 020	3 850	6.8
Boom :	9.0 m kg													*6 190	*6 190	4.0
5.57 m 2-pieces	7.5 m kg					*7 070	*7 070	*5 120	*5 120					*4 990	*4 990	6.0
Arm :	6.0 m kg					*7 130	*7 130	*6 690	5 430					*4 610	3 980	7.2
2.9 m HD	4.5 m kg			*9 100	*9 100	*8 560	8 160	*7 080	5 250	*6 230	3 680			*4 520	3 360	7.9
Shoe :	3.0 m kg					*10 060	7 530	*7 710	4 980	6 350	3 570			*4 620	3 050	8.3
500 mm	1.5 m kg					*11 220	6 940	*8 250	4 700	6 200	3 440			*4 900	2 930	8.4
CWT :	0 m kg			*5 940	*5 940	*11 370	6 610	*8 370	4 500	6 090	3 340			5 390	2 980	8.2
5 400 kg	-1.5 m kg			*10 830	*10 830	*10 490	6 530	*7 850	4 430	*5 790	3 320			*5 490	3 220	7.7
	-3.0 m kg			*10 950	*10 950	*8 580	6 620	*6 380	4 480					*4 980	3 820	6.8
Boom :	9.0 m kg					*5 740	*5 740							*4 980	*4 980	4.9
5.57 m 2-pieces	7.5 m kg							*5 460	*5 460					*4 270	*4 270	6.7
Arm :	6.0 m kg							*6 030	5 530	*4 720	3 790			*4 020	3 580	7.7
3.5 m GP	4.5 m kg					*6 770	*6 770	*6 570	5 340	*5 850	3 730			*3 980	3 060	8.4
Shoe :	3.0 m kg			*14 050	*14 050	*9 310	7 730	*7 280	5 050	*6 140	3 590			*4 100	2 790	8.8
500 mm	1.5 m kg					*10 780	7 080	*7 970	4 740	6 200	3 440			*4 370	2 680	8.8
CWT :	0 m kg			*7 520	*7 520	*11 370	6 650	*8 310	4 500	6 060	3 310			*4 840	2 700	8.7
5 400 kg	-1.5 m kg	*6 300	*6 300	*10 780	*10 780	*10 920	6 480	*8 070	4 370	5 990	3 240			5 290	2 890	8.2
	-3.0 m kg			*12 880	12 140	*9 470	6 500	*7 050	4 370					*5 040	3 340	7.4
	-4.5 m kg					*6 690	6 690									6.2

Notes: 1. Machine in "Fine Mode-F" (Power Boost) for lifting capacities. 2. The above loads are in compliance with SAE J1097 and ISO 10567 Hydraulic Excavator Lifting Capacity Standards. 3. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. 4. Rated loads marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.

LIFTING CAPACITY EC230F NL

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		7.5 m		Max. reach		Max. m		
		Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC			
Boom :	7.5 m kg					*8 620	8 350							*8 500	7 610	4.8
5.57 m 2-pieces	6.0 m kg					*8 590	8 290	*7 480	5 230					*7 420	4 990	6.2
Arm :	4.5 m kg					*9 570	7 850	*7 680	5 110					*6 980	4 010	7.0
2.0 m ME	3.0 m kg					*10 890	7 230	*8 140	4 860					6 420	3 570	7.4
Shoe :	1.5 m kg							*8 420	4 640	6 210	3 430			6 200	3 420	7.5
600 mm	0 m kg					*10 890	6 630	*8 180	4 510					*6 330	3 510	7.3
CWT :	-1.5 m kg					*9 390	6 660	*7 140	4 510					*5 900	3 910	6.7
5 400 kg	-3.0 m kg					*6 730	*6 730									5.8
Boom :	7.5 m kg					*7 860	*7 860							*6 840	6 210	5.5
5.57 m 2-pieces	6.0 m kg					*8 000	*8 000	*7 030	5 370					*6 260	4 420	6.7
Arm :	4.5 m kg			*12 670	*12 670	*9 030	8 050	*7 360	5 210					*6 130	3 660	7.5
2.5 m HD	3.0 m kg					*10 470	7 430	*7 930	4 950	6 360	3 570			5 890	3 300	7.9
Shoe :	1.5 m kg					*11 410	6 910	*8 360	4 700	6 240	3 450			5 700	3 160	8.0
600 mm	0 m kg					*11 250	6 670	*8 330	4 540	6 160	3 380			5 850	3 230	7.8
CWT :	-1.5 m kg			*11 440	*11 440	*10 090	6 640	*7 610	4 490					*5 710	3 530	7.3
5 400 kg	-3.0 m kg					*7 860	6 760	*5 700	4 590					*5 030	4 290	6.4
Boom :	9.0 m kg													*6 190	*6 190	4.0
5.57 m 2-pieces	7.5 m kg					*7 070	*7 070	*5 120	*5 120					*4 990	*4 990	6.0
Arm :	6.0 m kg					*7 130	*7 130	*6 690	5 470					*4 610	4 020	7.2
2.9 m HD	4.5 m kg			*9 100	*9 100	*8 560	8 230	*7 080	5 300	*6 230	3 710			*4 520	3 390	7.9
Shoe :	3.0 m kg					*10 060	7 590	*7 710	5 020	6 410	3 600			*4 620	3 080	8.3
600 mm	1.5 m kg					*11 220	7 000	*8 250	4 740	6 270	3 470			*4 900	2 960	8.4
CWT :	0 m kg			*5 940	*5 940	*11 370	6 680	*8 370	4 550	6 160	3 380			*5 440	3 010	8.2
5 400 kg	-1.5 m kg			*10 830	*10 830	*10 490	6 590	*7 850	4 470	*5 790	3 360			*5 490	3 260	7.7
	-3.0 m kg			*10 950	*10 950	*8 580	6 680	*6 380	4 530					*4 980	3 860	6.8
Boom :	9.0 m kg													*6 200	*6 200	4.0
5.57 m 2-pieces	7.5 m kg					*7 080	*7 080	*5 130	*5 130					*5 000	*5 000	6.0
Arm :	6.0 m kg					*7 140	*7 140	*6 710	5 490					*4 620	4 040	7.2
2.9 m GP	4.5 m kg			*9 120	*9 120	*8 590	8 250	*7 110	5 320	*6 260	3 740			*4 530	3 420	7.9
Shoe :	3.0 m kg					*10 100	7 620	*7 750	5 050	6 440	3 630			*4 630	3 100	8.3
600 mm	1.5 m kg					*11 270	7 040	*8 280	4 780	6 290	3 500			*4 910	2 990	8.4
CWT :	0 m kg			*5 950	*5 950	*11 420	6 730	*8 410	4 580	6 180	3 410			*5 450	3 030	8.2
5 400 kg	-1.5 m kg			*10 840	*10 840	*10 550	6 640	*7 900	4 510	*5 830	3 390			*5 520	3 290	7.7
	-3.0 m kg			*11 020	*11 020	*8 640	6 730	*6 420	4 560					*5 020	3 890	6.8
Boom :	9.0 m kg					*5 740	*5 740							*4 980	*4 980	4.9
5.57 m 2-pieces	7.5 m kg							*5 460	*5 460					*4 270	*4 270	6.7
Arm :	6.0 m kg							*6 030	5 570	*4 720	3 820			*4 020	3 610	7.7
3.5 m GP	4.5 m kg					*6 770	*6 770	*6 570	5 380	*5 850	3 760			*3 980	3 090	8.4
Shoe :	3.0 m kg			*14 050	*14 050	*9 310	7 790	*7 280	5 090	*6 140	3 620			*4 100	2 820	8.8
600 mm	1.5 m kg					*10 780	7 140	*7 970	4 780	6 270	3 470			*4 370	2 700	8.8
CWT :	0 m kg			*7 520	*7 520	*11 370	6 720	*8 310	4 540	6 130	3 340			*4 840	2 730	8.7
5 400 kg	-1.5 m kg	*6 300	*6 300	*10 780	*10 780	*10 920	6 550	*8 070	4 420	6 050	3 280			*5 300	2 920	8.2
	-3.0 m kg			*12 880	12 250	*9 470	6 560	*7 050	4 420					*5 040	3 370	7.4
	-4.5 m kg					*6 690	*6 690									6.2

Notes: 1. Machine in "Fine Mode-F" (Power Boost) for lifting capacities. 2. The above loads are in compliance with SAE J1097 and ISO 10567 Hydraulic Excavator Lifting Capacity Standards. 3. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. 4. Rated loads marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.

Specifications

LIFTING CAPACITY EC230F NL

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		7.5 m		Max. reach		Max. m	
		Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC		
Boom : 5.7 m GP Arm : 2.5 m HD Shoe : 500 mm CWT : 5 400 kg	7.5 m	kg											*5 680	*5 680	5.6
	6.0 m	kg						*5 500	5 360				*5 600	4 320	6.8
	4.5 m	kg					*6 970	*6 970	*6 010	5 200	*5 680	3 690	*5 690	3 620	7.6
	3.0 m	kg					*8 970	7 400	*6 880	4 960	*5 980	3 600	5 730	3 270	8.0
	1.5 m	kg					*10 730	6 940	*7 780	4 730	6 190	3 490	5 560	3 150	8.1
	0 m	kg					*11 530	6 730	*8 370	4 580	6 110	3 420	5 700	3 210	7.9
	-1.5 m	kg			*10 800	*10 800	*11 460	6 700	8 390	4 540			6 260	3 490	7.4
	-3.0 m	kg			*14 740	12 720	*10 550	6 800	*7 780	4 610			*6 990	4 200	6.5
-4.5 m	kg			*11 410	*11 410	*8 150	7 070					*7 140	6 170	5.0	
Boom : 5.7 m GP Arm : 2.9 m GP Shoe : 500 mm CWT : 5 400 kg	7.5 m	kg						*5 210	*5 210				*4 970	*4 970	6.2
	6.0 m	kg						*5 100	*5 100				*4 630	3 970	7.3
	4.5 m	kg						*5 670	5 300	*5 360	3 760		*4 580	3 380	8.0
	3.0 m	kg					*8 430	7 580	*6 590	5 050	*5 760	3 660	*4 700	3 090	8.4
	1.5 m	kg					*10 340	7 060	*7 560	4 800	6 240	3 530	*5 020	2 970	8.5
	0 m	kg			*5 430	*5 430	*11 400	6 780	*8 270	4 630	6 140	3 440	5 340	3 020	8.3
	-1.5 m	kg	*6 280	*6 280	*10 320	*10 320	*11 570	6 710	8 410	4 550	6 100	3 410	5 800	3 260	7.8
	-3.0 m	kg	*11 380	*11 380	*15 630	12 600	*10 920	6 770	*8 090	4 590			*6 660	3 820	7.0
-4.5 m	kg			*12 740	*12 740	*9 070	6 990					*6 930	5 240	5.6	
Boom : 5.7 m GP Arm : 2.9 m HD Shoe : 500 mm CWT : 5 400 kg	7.5 m	kg						*5 180	*5 180				*4 960	*4 960	6.2
	6.0 m	kg						*5 070	*5 070				*4 630	3 940	7.3
	4.5 m	kg						*5 640	5 280	*5 330	3 740		*4 570	3 360	8.0
	3.0 m	kg					*8 390	7 550	*6 560	5 020	*5 730	3 630	*4 690	3 060	8.4
	1.5 m	kg					*10 290	7 010	*7 520	4 770	*6 210	3 510	*5 010	2 950	8.5
	0 m	kg			*5 420	*5 420	*11 350	6 730	*8 220	4 590	6 110	3 410	5 320	2 990	8.3
	-1.5 m	kg	*6 270	*6 270	*10 310	*10 310	*11 510	6 660	8 370	4 510	6 070	3 380	5 770	3 230	7.8
	-3.0 m	kg	*11 370	*11 370	*15 560	12 530	*10 870	6 720	*8 050	4 550			*6 630	3 790	7.0
-4.5 m	kg			*12 680	*12 680	*9 020	6 950					*6 890	5 200	5.6	
Boom : 5.7 m GP Arm : 3.5 m GP Shoe : 500 mm CWT : 5 400 kg	7.5 m	kg											*4 250	*4 250	6.8
	6.0 m	kg								*4 610	3 840		*4 040	3 550	7.8
	4.5 m	kg							*5 010	*5 010	*4 820	3 770	*4 020	3 060	8.5
	3.0 m	kg			*11 270	*11 270	*7 410	*7 410	*5 980	5 080	*5 300	3 640	*4 150	2 800	8.8
	1.5 m	kg					*9 520	7 140	*7 050	4 800	*5 860	3 490	*4 450	2 700	8.9
	0 m	kg			*7 050	*7 050	*10 940	6 760	*7 910	4 580	6 070	3 380	4 870	2 720	8.7
	-1.5 m	kg	*6 210	*6 210	*10 310	*10 310	*11 470	6 610	8 320	4 460	6 000	3 310	5 220	2 900	8.3
	-3.0 m	kg	*10 120	*10 120	*15 210	12 340	*11 190	6 620	*8 240	4 450	6 030	3 340	6 020	3 330	7.5
-4.5 m	kg	*15 160	*15 160	*14 260	12 640	*9 910	6 770	*7 170	4 570			*6 700	4 320	6.3	

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 EC230F NL

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		7.5 m		Max. reach		Max. m				
		Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC					
Boom : 5.7 m GP Arm : 2.5 m HD Shoe : 600 mm CWT : 5 400 kg	7.5 m kg												*5 680	*5 680	5.6			
	6.0 m kg							*5 500	5 410				*5 600	4 360	6.8			
	4.5 m kg							*6 970	*6 970	*6 010	5 250	*5 680	3 720	*5 690	3 650	7.6		
	3.0 m kg							*8 970	7 470	*6 880	5 010	*5 980	3 630	5 800	3 300	8.0		
	1.5 m kg							*10 730	7 000	*7 780	4 780	6 260	3 520	5 620	3 180	8.1		
	0 m kg							*11 530	6 790	*8 370	4 630	6 180	3 450	5 770	3 240	7.9		
	-1.5 m kg				*10 800	*10 800	*11 460	6 770	*8 460	4 580				6 330	3 530	7.4		
	-3.0 m kg				*14 740	12 830	*10 550	6 860	*7 780	4 650				*6 990	4 240	6.5		
	-4.5 m kg				*11 410	*11 410	*8 150	7 140					*7 140	6 230	5.0			
Boom : 5.7 m GP Arm : 2.9 m HD Shoe : 600 mm CWT : 5 400 kg	7.5 m kg							*5 180	*5 180				*4 960	*4 960	6.2			
	6.0 m kg							*5 070	*5 070				*4 630	3 980	7.3			
	4.5 m kg							*5 640	5 320	*5 330	3 770		*4 570	3 390	8.0			
	3.0 m kg							*8 390	7 610	*6 560	5 070	*5 730	3 660	*4 690	3 090	8.4		
	1.5 m kg							*10 290	7 080	*7 520	4 810	*6 210	3 540	*5 010	2 980	8.5		
	0 m kg				*5 420	*5 420	*11 350	6 790	*8 220	4 630	6 170	3 450	5 380	3 020	8.3			
	-1.5 m kg	*6 270	*6 270	*10 310	*10 310	*11 510	6 720	8 460	4 560	6 140	3 420		5 830	3 260	7.8			
	-3.0 m kg	*11 370	*11 370	*15 560	12 650	*10 870	6 790	*8 050	4 600				*6 630	3 830	7.0			
	-4.5 m kg				*12 680	*12 680	*9 020	7 010					*6 890	5 250	5.6			
Boom : 5.7 m GP Arm : 2.9 m GP Shoe : 600 mm CWT : 5 400 kg	7.5 m kg							*5 210	*5 210				*4 970	*4 970	6.2			
	6.0 m kg							*5 100	*5 100				*4 630	4 000	7.3			
	4.5 m kg							*5 670	5 350	*5 360	3 800		*4 580	3 410	8.0			
	3.0 m kg							*8 430	7 650	*6 590	5 100	*5 760	3 690	*4 700	3 120	8.4		
	1.5 m kg							*10 340	7 120	*7 560	4 850	*6 240	3 570	*5 020	3 000	8.5		
	0 m kg				*5 430	*5 430	*11 400	6 850	*8 270	4 670	6 200	3 480	5 400	3 050	8.3			
	-1.5 m kg	*6 280	*6 280	*10 320	*10 320	*11 570	6 770	8 500	4 600	6 170	3 450		5 860	3 290	7.8			
	-3.0 m kg	*11 380	*11 380	*15 630	12 720	*10 920	6 840	*8 090	4 630				*6 660	3 860	7.0			
	-4.5 m kg				*12 740	*12 740	*9 070	7 060					*6 930	5 290	5.6			
Boom : 5.7 m GP Arm : 3.5 m GP Shoe : 600 mm CWT : 5 400 kg	7.5 m kg												*4 250	*4 250	6.8			
	6.0 m kg									*4 610	3 870		*4 040	3 590	7.8			
	4.5 m kg									*5 010	*5 010	*4 820	3 800	*4 020	3 090	8.5		
	3.0 m kg									*5 980	5 120	*5 300	3 670	*4 150	2 830	8.8		
	1.5 m kg									*9 520	7 200	*7 050	4 840	*5 860	3 530	*4 450	2 730	8.9
	0 m kg				*7 050	*7 050	*10 940	6 820	*7 910	4 620	6 140	3 410	4 920	2 750	8.7			
	-1.5 m kg	*6 210	*6 210	*10 310	*10 310	*11 470	6 670	*8 360	4 510	6 070	3 350		5 280	2 930	8.3			
	-3.0 m kg	*10 120	*10 120	*15 210	12 450	*11 190	6 680	*8 240	4 500	6 100	3 370		6 090	3 370	7.5			
	-4.5 m kg	*15 160	*15 160	*14 260	12 760	*9 910	6 830	*7 170	4 620				*6 700	4 370	6.3			

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 EC230F NH

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		7.5 m		Max. reach		Max. m		
		Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC			
Boom :	7.5 m kg													*6 290	*6 290	4.9
5.7 m HD	6.0 m kg							*6 030	5 400					*6 070	4 990	6.3
Arm :	4.5 m kg					*7 640	*7 640	*6 410	5 260					*6 110	4 070	7.1
2.0 m ME	3.0 m kg					*9 600	7 430	*7 210	5 020	6 070	3 650	6 050	3 640	7.5		
Shoe :	1.5 m kg							*7 990	4 810	5 970	3 560	5 840	3 490	7.6		
500 mm	0 m kg					*11 520	6 880	8 110	4 690			6 030	3 580	7.4		
CWT :	-1.5 m kg					*11 140	6 910	8 100	4 680			6 720	3 960	6.9		
5 400 kg	-3.0 m kg			*13 310	13 230	*9 900	7 060					*7 330	4 940	5.9		
Boom :	7.5 m kg													*5 660	*5 660	5.6
5.7 m HD	6.0 m kg							*5 480	*5 480					*5 580	4 450	6.8
Arm :	4.5 m kg					*6 950	*6 950	*5 980	5 360	*5 650	3 800	*5 660	3 720	7.6		
2.5 m HD	3.0 m kg					*8 930	7 620	*6 850	5 110	*5 950	3 700	5 570	3 370	8.0		
Shoe :	1.5 m kg					*10 680	7 140	*7 740	4 870	6 000	3 590	5 390	3 240	8.1		
500 mm	0 m kg					*11 470	6 920	8 140	4 710	5 920	3 520	5 530	3 300	7.9		
CWT :	-1.5 m kg			*10 800	*10 800	*11 390	6 890	8 090	4 670			6 060	3 590	7.4		
5 400 kg	-3.0 m kg			*14 650	13 080	*10 480	6 990	*7 740	4 740			*6 950	4 310	6.5		
	-4.5 m kg			*11 320	*11 320	*8 100	7 270					*7 090	6 350	5.0		
Boom :	7.5 m kg							*5 170	*5 170					*4 960	*4 960	6.2
5.7 m HD	6.0 m kg							*5 060	*5 060					*4 630	4 060	7.3
Arm :	4.5 m kg							*5 620	5 440	*5 310	3 850	*4 570	3 460	8.0		
2.9 m HD	3.0 m kg					*8 350	7 770	*6 530	5 170	*5 700	3 740	*4 690	3 150	8.4		
Shoe :	1.5 m kg					*10 240	7 220	*7 480	4 910	6 020	3 610	*5 010	3 030	8.5		
500 mm	0 m kg			*5 420	*5 420	*11 290	6 920	8 160	4 720	5 920	3 510	5 160	3 080	8.3		
CWT :	-1.5 m kg	*6 270	*6 270	*10 310	*10 310	*11 450	6 850	8 070	4 640	5 880	3 480	5 590	3 320	7.8		
5 400 kg	-3.0 m kg	*11 370	*11 370	*15 470	12 890	*10 810	6 910	*8 010	4 680			*6 590	3 900	7.0		
	-4.5 m kg			*12 600	*12 600	*8 970	7 150					*6 840	5 350	5.6		
Boom :	7.5 m kg							*5 190	*5 190					*4 970	*4 970	6.2
5.7 m HD	6.0 m kg							*5 080	*5 080					*4 630	4 090	7.3
Arm :	4.5 m kg							*5 650	5 460	*5 340	3 870	*4 580	3 480	8.0		
2.9 m GP	3.0 m kg					*8 390	7 800	*6 570	5 200	*5 730	3 760	*4 700	3 180	8.4		
Shoe :	1.5 m kg					*10 290	7 260	*7 520	4 940	6 050	3 640	*5 020	3 060	8.5		
500 mm	0 m kg			*5 430	*5 430	*11 340	6 970	8 200	4 760	5 950	3 540	5 180	3 110	8.3		
CWT :	-1.5 m kg	*6 280	*6 280	*10 320	*10 320	*11 510	6 900	8 110	4 680	5 910	3 510	5 620	3 350	7.8		
5 400 kg	-3.0 m kg	*11 380	*11 380	*15 540	12 960	*10 860	6 960	*8 050	4 720			*6 620	3 930	7.0		
	-4.5 m kg			*12 660	*12 660	*9 010	7 190					*6 880	5 380	5.6		
Boom :	7.5 m kg													*4 250	*4 250	6.8
5.7 m HD	6.0 m kg									*4 590	3 950	*4 040	3 660	7.8		
Arm :	4.5 m kg							*4 990	*4 990	*4 800	3 880	*4 020	3 160	8.5		
3.5 m GP	3.0 m kg			*11 230	*11 230	*7 390	*7 390	*5 960	5 230	*5 270	3 750	*4 150	2 890	8.8		
Shoe :	1.5 m kg					*9 480	7 350	*7 010	4 940	*5 830	3 600	*4 450	2 780	8.9		
500 mm	0 m kg			*7 050	*7 050	*10 880	6 960	*7 870	4 710	5 880	3 480	4 720	2 810	8.7		
CWT :	-1.5 m kg	*6 210	*6 210	*10 310	*10 310	*11 410	6 800	8 020	4 590	5 810	3 410	5 060	2 990	8.3		
5 400 kg	-3.0 m kg	*10 120	*10 120	*15 210	12 690	*11 120	6 810	8 010	4 580	5 840	3 430	5 830	3 430	7.5		
	-4.5 m kg	*15 160	*15 160	*14 170	13 000	*9 850	6 960	*7 120	4 710			*6 660	4 450	6.3		

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 EC230F NH

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		7.5 m		Max. reach		Max. m		
		Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC			
Boom :	7.5 m kg					*8 620	8 520							*8 500	7 770	4.8
5.57 m 2-pieces	6.0 m kg					*8 590	8 470	*7 480	5 350					*7 420	5 100	6.2
Arm :	4.5 m kg					*9 570	8 020	*7 680	5 220					6 870	4 110	7.0
2.0 m ME	3.0 m kg					*10 890	7 400	*8 140	4 980					6 160	3 660	7.4
Shoe :	1.5 m kg							8 250	4 760	5 960	3 510			5 950	3 510	7.5
500 mm	0 m kg					*10 890	6 800	8 110	4 630					6 140	3 600	7.3
CWT :	-1.5 m kg					*9 390	6 830	*7 140	4 630					*5 900	4 010	6.7
5 400 kg	-3.0 m kg					*6 730	*6 730									5.8
Boom :	7.5 m kg					*7 860	*7 860							*6 840	6 340	5.5
5.57 m 2-pieces	6.0 m kg					*8 000	*8 000	*7 030	5 490					*6 260	4 520	6.7
Arm :	4.5 m kg			*12 670	*12 670	*9 030	8 220	*7 360	5 330					*6 130	3 750	7.5
2.5 m HD	3.0 m kg					*10 470	7 600	*7 930	5 070	6 110	3 650			5 660	3 380	7.9
Shoe :	1.5 m kg					*11 410	7 080	8 320	4 820	5 990	3 540			5 470	3 250	8.0
500 mm	0 m kg					*11 250	6 840	8 130	4 660	5 910	3 470			5 620	3 310	7.8
CWT :	-1.5 m kg			*11 440	*11 440	*10 090	6 810	*7 610	4 610					*5 710	3 620	7.3
5 400 kg	-3.0 m kg					*7 860	6 940	*5 700	4 710					*5 030	4 400	6.4
Boom :	9.0 m kg													*6 190	*6 190	4.0
5.57 m 2-pieces	7.5 m kg					*7 070	*7 070	*5 120	*5 120					*4 990	*4 990	6.0
Arm :	6.0 m kg					*7 130	*7 130	*6 690	5 590					*4 610	4 110	7.2
2.9 m HD	4.5 m kg			*9 100	*9 100	*8 560	8 400	*7 080	5 420	*6 230	3 800			*4 520	3 480	7.9
Shoe :	3.0 m kg					*10 060	7 760	*7 710	5 140	6 160	3 690			*4 620	3 160	8.3
500 mm	1.5 m kg					*11 220	7 170	*8 250	4 860	6 010	3 560			*4 900	3 040	8.4
CWT :	0 m kg			*5 940	*5 940	*11 370	6 850	8 150	4 670	5 910	3 460			5 230	3 090	8.2
5 400 kg	-1.5 m kg			*10 830	*10 830	*10 490	6 770	*7 850	4 590	*5 790	3 440			*5 490	3 340	7.7
	-3.0 m kg			*10 950	*10 950	*8 580	6 850	*6 380	4 640					*4 980	3 960	6.8
Boom :	9.0 m kg													*6 200	*6 200	4.0
5.57 m 2-pieces	7.5 m kg					*7 080	*7 080	*5 130	*5 130					*5 000	*5 000	6.0
Arm :	6.0 m kg					*7 140	*7 140	*6 710	5 610					*4 620	4 140	7.2
2.9 m GP	4.5 m kg			*9 120	*9 120	*8 590	8 420	*7 110	5 440	*6 260	3 830			*4 530	3 500	7.9
Shoe :	3.0 m kg					*10 100	7 800	*7 750	5 170	6 190	3 720			*4 630	3 180	8.3
500 mm	1.5 m kg					*11 270	7 220	*8 280	4 900	6 040	3 590			*4 910	3 060	8.4
CWT :	0 m kg			*5 950	*5 950	*11 420	6 900	8 190	4 700	5 940	3 490			5 260	3 110	8.2
5 400 kg	-1.5 m kg			*10 840	*10 840	*10 550	6 820	*7 900	4 620	*5 830	3 470			*5 520	3 370	7.7
	-3.0 m kg			*11 020	*11 020	*8 640	6 900	*6 420	4 680					*5 020	3 990	6.8
Boom :	9.0 m kg					*5 740	*5 740							*4 980	*4 980	4.9
5.57 m 2-pieces	7.5 m kg							*5 460	*5 460					*4 270	*4 270	6.7
Arm :	6.0 m kg							*6 030	5 690	*4 720	3 910			*4 020	3 700	7.7
3.5 m GP	4.5 m kg					*6 770	*6 770	*6 570	5 500	*5 850	3 850			*3 980	3 170	8.4
Shoe :	3.0 m kg			*14 050	*14 050	*9 310	7 970	*7 280	5 210	*6 140	3 710			*4 100	2 890	8.8
500 mm	1.5 m kg					*10 780	7 310	*7 970	4 900	6 020	3 560			*4 370	2 780	8.8
CWT :	0 m kg			*7 520	*7 520	*11 370	6 890	8 160	4 660	5 870	3 430			4 780	2 800	8.7
5 400 kg	-1.5 m kg	*6 300	*6 300	*10 780	*10 780	*10 920	6 720	8 010	4 530	5 800	3 370			5 130	3 000	8.2
	-3.0 m kg			*12 880	12 570	*9 470	6 730	*7 050	4 530					*5 040	3 460	7.4
	-4.5 m kg					*6 690	*6 690									6.2

Notes: 1. Machine in "Fine Mode-F" (Power Boost) for lifting capacities. 2. The above loads are in compliance with SAE J1097 and ISO 10567 Hydraulic Excavator Lifting Capacity Standards. 3. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. 4. Rated loads marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.

Specifications

LIFTING CAPACITY EC230F NH

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		7.5 m		Max. reach		Max. m	
		Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC		
Boom : 5.7 m GP Arm : 2.5 m HD Shoe : 500 mm CWT : 5 400 kg	7.5 m kg												*5 680	*5 680	5.6
	6.0 m kg							*5 500	*5 500				*5 600	4 460	6.8
	4.5 m kg					*6 970	*6 970	*6 010	5 360	*5 680	3 810	*5 690	3 740	7.6	
	3.0 m kg					*8 970	7 640	*6 880	5 120	*5 980	3 720	5 580	3 390	8.0	
	1.5 m kg					*10 730	7 180	*7 780	4 890	6 010	3 610	5 410	3 260	8.1	
	0 m kg					*11 530	6 970	8 160	4 740	5 930	3 540	5 540	3 320	7.9	
	-1.5 m kg			*10 800	*10 800	*11 460	6 940	8 110	4 700				6 070	3 620	7.4
	-3.0 m kg			*14 740	13 150	*10 550	7 040	*7 780	4 770				*6 990	4 340	6.5
	-4.5 m kg			*11 410	*11 410	*8 150	7 310						*7 140	6 380	5.0
Boom : 5.7 m GP Arm : 2.9 m HD Shoe : 500 mm CWT : 5 400 kg	7.5 m kg							*5 180	*5 180				*4 960	*4 960	6.2
	6.0 m kg							*5 070	*5 070				*4 630	4 070	7.3
	4.5 m kg							*5 640	5 440	*5 330	3 860	*4 570	3 470	8.0	
	3.0 m kg					*8 390	7 780	*6 560	5 180	*5 730	3 750	*4 690	3 170	8.4	
	1.5 m kg					*10 290	7 250	*7 520	4 930	6 030	3 630	*5 010	3 050	8.5	
	0 m kg			*5 420	*5 420	*11 350	6 970	8 180	4 750	5 930	3 530	5 170	3 100	8.3	
	-1.5 m kg	*6 270	*6 270	*10 310	*10 310	*11 510	6 890	8 090	4 670	5 900	3 510	5 610	3 340	7.8	
	-3.0 m kg	*11 370	*11 370	*15 560	12 970	*10 870	6 960	*8 050	4 710				6 620	3 920	7.0
	-4.5 m kg			*12 680	*12 680	*9 020	7 190						*6 890	5 380	5.6
Boom : 5.7 m GP Arm : 2.9 m GP Shoe : 500 mm CWT : 5 400 kg	7.5 m kg							*5 210	*5 210				*4 970	*4 970	6.2
	6.0 m kg							*5 100	*5 100				*4 630	4 100	7.3
	4.5 m kg							*5 670	5 470	*5 360	3 890	*4 580	3 490	8.0	
	3.0 m kg					*8 430	7 820	*6 590	5 210	*5 760	3 780	*4 700	3 190	8.4	
	1.5 m kg					*10 340	7 300	*7 560	4 960	6 060	3 660	*5 020	3 080	8.5	
	0 m kg			*5 430	*5 430	*11 400	7 020	8 210	4 790	5 960	3 560	5 200	3 130	8.3	
	-1.5 m kg	*6 280	*6 280	*10 320	*10 320	*11 570	6 940	8 130	4 710	5 930	3 540	5 630	3 370	7.8	
	-3.0 m kg	*11 380	*11 380	*15 630	13 040	*10 920	7 010	*8 090	4 750				6 650	3 950	7.0
	-4.5 m kg			*12 740	*12 740	*9 070	7 230						*6 930	5 410	5.6
Boom : 5.7 m GP Arm : 3.5 m GP Shoe : 500 mm CWT : 5 400 kg	7.5 m kg												*4 250	*4 250	6.8
	6.0 m kg									*4 610	3 960	*4 040	3 670	7.8	
	4.5 m kg							*5 010	*5 010	*4 820	3 890	*4 020	3 170	8.5	
	3.0 m kg			*11 270	*11 270	*7 410	*7 410	*5 980	5 240	*5 300	3 760	*4 150	2 910	8.8	
	1.5 m kg					*9 520	7 370	*7 050	4 960	*5 860	3 620	*4 450	2 800	8.9	
	0 m kg			*7 050	*7 050	*10 940	7 000	*7 910	4 740	5 900	3 500	4 740	2 830	8.7	
	-1.5 m kg	*6 210	*6 210	*10 310	*10 310	*11 470	6 840	8 040	4 620	5 830	3 430	5 070	3 010	8.3	
	-3.0 m kg	*10 120	*10 120	*15 210	12 770	*11 190	6 850	8 030	4 610	5 850	3 460	5 840	3 450	7.5	
	-4.5 m kg	*15 160	*15 160	*14 260	13 080	*9 910	7 000	*7 170	4 730				*6 700	4 480	6.3

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 EC230F LR

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		7.5 m		9.0 m		
		Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	
Boom : 8.8 5m LR Arm : 6.25 m LR Shoe : 800 mm CWT : 5 400 kg	12.0 m	kg												
	10.5 m	kg												
	9.0 m	kg												
	7.5 m	kg												
	6.0 m	kg												
	4.5 m	kg											*2 820	*2 820
	3.0 m	kg					*6 290	*6 290	*4 580	*4 580	*3 720	*3 720	*3 200	3 140
	1.5 m	kg					*7 930	7 490	*5 570	5 140	*4 320	3 790	*3 600	2 920
	0 m	kg			*2 460	*2 460	*5 610	*5 610	*6 350	4 680	*4 850	3 500	*3 960	2 720
	-1.5 m	kg	*2 640	*2 640	*3 340	*3 340	*5 610	*5 610	*6 860	4 410	*5 240	3 280	4 220	2 570
	-3.0 m	kg	*3 560	*3 560	*4 320	*4 320	*6 300	*6 300	*7 100	4 270	5 310	3 160	4 120	2 460
	-4.5 m	kg	*4 520	*4 520	*5 390	*5 390	*7 350	6 450	*7 120	4 230	5 250	3 100	4 060	2 420
	-6.0 m	kg	*5 540	*5 540	*6 580	*6 580	*8 720	6 560	*6 920	4 270	5 260	3 110	4 060	2 420
	-7.5 m	kg	*6 650	*6 650	*7 940	*7 940	*8 470	6 750	*6 480	4 380	*5 170	3 180	4 120	2 470
-9.0 m	kg			*9 540	*9 540	*7 360	7 030	*5 720	4 560	*4 560	3 320	*3 640	2 600	
-10.5 m	kg					*5 640	*5 640	*4 400	*4 400	*3 360	*3 360			
Boom : 8.8 5m LR Arm : 6.25 m LR Shoe : 800 mm CWT : 5 400 kg	12.0 m	kg							*870	*870	10.3			
	10.5 m	kg							*790	*790	11.6			
	9.0 m	kg			*1 440	*1 440			*750	*750	12.6			
	7.5 m	kg	*2 230	*2 230	*2 050	*2 050			*730	*730	13.4			
	6.0 m	kg	*2 390	*2 390	*2 330	2 110	*1 320	*1 320	*730	*730	13.9			
	4.5 m	kg	*2 610	2 590	*2 470	2 030	*1 810	1 600	*740	*740	14.3			
	3.0 m	kg	*2 870	2 450	*2 640	1 940	*2 160	1 550	*770	*770	14.5			
	1.5 m	kg	*3 140	2 300	*2 820	1 840	*2 410	1 490	*820	*820	14.6			
	0 m	kg	*3 390	2 170	2 880	1 750	2 400	1 430	*880	*880	14.4			
	-1.5 m	kg	3 400	2 060	2 800	1 680	*2 340	1 390	*970	*970	14.2			
	-3.0 m	kg	3 320	1 980	2 750	1 630	*1 680	1 360	*1 090	*1 090	13.7			
	-4.5 m	kg	3 280	1 950	2 730	1 610			*1 270	*1 270	13.1			
	-6.0 m	kg	3 290	1 960	*2 440	1 640			*1 550	*1 550	12.3			
	-7.5 m	kg	3 360	2 020					*2 020	1 870	11.2			
-9.0 m	kg							*3 000	2 380	9.7				
-10.5 m	kg							*3 240	*3 240	7.7				

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 that meets Stage V requirements	•
Electric cooling fan system	•
New work mode with 10 steps	•
Cyclone pre-cleaner	•
Fuel shut off valve	•
Engine block heater	o
Coolant heater by diesel	o
Reversible fan drive	o
Precleaner, oil bath	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

Undercarriage and structures

3-point side access	•
Direct filling DEF (AdBlue) / Sight gauge and splash guard	•
Openable 1 piece hood	•
Platform handrail fixed & Guardrail, foldable	o
Inner rail	•
SIPS (Side Impact Protection Steel)	o
HD Side door & hood with screen	o
Without lower structure	o
Lower frame NL,N,NH,High walker	o
Link 500/600/700/800/900 mm triple grouser shoe	o
Link 600 mm triple grouser shoe, HD	o
Link 600 mm single grouser shoe	o
Link 600 mm add rubber pad shoe	o
Link 700 mm double grouser shoe	o
Full track guard	o
Counterweight 5 400 kg	o

STANDARD AND OPTIONAL EQUIPMENT

• = Standard / o = Optional

Hydraulic system

EH-positive (Electro-Hydraulic) control system	•
Boom up & swing priority	•
Auto warm up	•
Auto power boost	•
One touch power boost	•
Priority Adjustment	•
Boom down speed control	•
Shock reduction function	•
Joystick, Semi-long / 4 switch / 4 switch & 1 proportional / Simple L8 / L8	o
Hydraulic oil mineral, 32 / 46 / 68	o
Longlife hyd oil mineral, 32 / 46 / 68	o
Hydraulic oil bio 46	o
Pattern change	o
Boom float function	o
Straight travel pedal	o
Comfort driving control	o
Creep mode	o
Dedicated drain line	o
Variable X3 P-Q control	o
Hose rupture valve for boom	•
Hose rupture valve for arm	•
X1/X3/QF Piping on Long Reach Boom & Arm	o

Cab and interior

Keyless engine start and stop	•
8" HD display	•
ROPS certified cab	•
Tiltable left console	•
Digital hour meter	•
Wireless mobile charger with Kinematic sensor package option	•
Various storage space with cool/heated	•
Cleaning air gun	o
1 piece wind shield cab	o
High visibility cab	o
Cabin large mirror	o
Cabin large mirror, Heated	o
Basic / Premium / Deluxe seat	o
Seat belt, 2 inch 2 point /3 inch 2 point /3 inch 3 point	o
Climate control-HEPA filter	o
Radio with MP3/USB/Bluetooth	o
Front rain shield	o
Sun screen	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 AND OPTIONAL EQUIPMENT

• = Standard / o = Optional

Digging equipment

GP 5.7 m boom	•
HD 5.7 m boom / VA 5.57 m boom / LR 8.85 m boom	o
GP 2.9 m arm	•
HD 2.9 m arm / ME 2.0 m arm / HD 2.5 m arm / GP 3.5 m arm	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, Trimble Earthworks	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

Service and maintenance

Fuel level gauge	•
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

Safety and security

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