

VOLVO EXCAVATORS

EC380DHR, EC480DHR, EC700CHR



VOLVO EC380DHR, EC480DHR, EC700CHR IN DETAIL.

Engine

The latest generation, Volvo engine Tier 4i (Stage IIIB) 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.

EC380DHR

Engine Tier 4i (Stage IIIB)	Volvo	D13H-D
Max power at	r/s / r/min	28 / 1700
Net, ISO 9249/SAE J1349	kW / hp	208 / 283
Gross, ISO 14396/SAE J1995	kW / hp	215 / 293
Max torque at	Nm / r/min	1 580 / 1300
No. of cylinders		6
Displacement	l	12.8
Bore	mm	131
Stroke	mm	158

EC480DHR

Engine Tier 4i (Stage IIIB)	Volvo	D13H-D
Max power at	r/s / r/min	30 / 1 800
Net, ISO 9249/SAE J1349	kW / hp	256 / 348
Gross, ISO 14396/SAE J1995	kW / hp	265 / 360
Max torque at	Nm / r/min	1 800 / 1 400
No. of cylinders		6
Displacement	l	12.8
Bore	mm	131
Stroke	mm	158

EC700CHR

The next-generation Volvo diesel engine uses Volvo Advanced Combustion Technology (V-ACT) to deliver low emissions, superior performance and fuel efficiency. The engine uses precise, high-pressure fuel injectors, a turbocharger and intercooler, and electronic engine controls to optimize machine performance.

Engine	Volvo	D16E EAE3
Max power at	r/s / r/min	30 / 1 800
Net, ISO 9249/SAE J1349	kW / hp	316 / 430
Gross, ISO 14396/SAE J1995	kW / hp	346 / 470
Max torque at	Nm / r/min	2 250 / 1 350
No. of cylinders		6
Displacement	l	16.1
Bore	mm	144
Stroke	mm	165

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. The master switch is standard.

Contronics provides advanced monitoring of machine functions and important diagnostic information.

		EC380DHR	EC480DHR	EC700CHR
Voltage	V	24	24	24
Batteries	V	2 x 12	2 x 12	2 x 12
Battery capacity	Ah	200	200	225
Alternator	V / Ah	28 / 80	28 / 80	28 / 80

Swing system

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

		EC380DHR	EC480DHR	EC700CHR
Max. slew speed	r/min	10.2	8.8	6.7
Max. slew torque	kNm	130.5	166.3	225.6

Drive

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.

		EC380DHR	EC480DHR	EC700CHR
Max. drawbar pull	kN	276,5	333	453
Max. travel speed (1st Gear/2nd Gear)	km/h	3.4/5.5	3.1/5.2	3.0/4.6
Gradeability	°	35	35	35

Undercarriage

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

		EC380DHR	EC480DHR	EC700CHR
Track pads		2 x 50	2 x 52	2 x 48
Link pitch	mm	215.9	215.9	260.4
Shoe width, triple grouser	mm	600 / 700 / 800 / 900	600 / 700 / 800 / 900	
Shoe width, double grouser	mm	600	600	650 / 750 / 900
Bottom rollers		2 x 9	2 x 9	2 x 8
Top rollers		2 x 2	2 x 2	2 x 3

Hydraulic system

The hydraulic system, also known as the "Automatic Sensing Work Mode," is designed for high-productivity, high-digging capacity, high-maneuvering precision and excellent fuel economy. The summation system, boom, arm and swing priority along with boom and arm regeneration provides optimum performance. The following important functions are included in the system:

Summation system: Combines the flow of both hydraulic pumps to a single function to ensure quick cycle times and high productivity.

Boom priority: Gives priority to the boom operation for faster raising when loading or performing deep excavations.

Arm priority: Gives priority to the arm operation for faster cycle times in leveling and for increased bucket filling when digging.

Swing priority: Gives priority to swing functions for faster simultaneous operations.

Regeneration system: Prevents cavitation and provides flow to other movements during simultaneous operations for maximum productivity.

Power boost: All digging and lifting forces are increased.

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

	EC380DHR	EC480DHR	EC700CHR
Main pump, Type 2 x variable displacement axial piston pumps			
Maximum flow l/min	2 x 300	2 x 358	2 x 436
Pilot pump, Type Gear pump			
Maximum flow l/min	25.5	32	27.4

Hydraulic motors

Travel: Variable displacement axial piston motor with mechanical brake

Slew: Fixed displacement axial piston motor with mechanical brake

Relief valve setting

		EC380DHR	EC480DHR	EC700CHR
Implement	MPa	32.4/35.3	32.4/35.3	31.4/34.3
Travel circuit	MPa	35.3	32.4	34.3
Slew circuit	MPa	27.9	25.8	25.5
Pilot circuit	MPa	3.9	3.9	3.9

Hydraulic cylinders

		EC380DHR	EC480DHR	EC700CHR
Mono boom		2	2	2
Bore x Stroke	ø x mm	160 x 1530	165 x 1590	190 x 1790
Arm	1	1	1	1
Bore x Stroke	ø x mm	175 x 1750	190 x 1850	215 x 2070
Bucket	1	1	1	1
Bore x Stroke	ø x mm	145 x 1285	165 x 1330	190 x 1450
ME Bucket	1	1	1	1
Bore x Stroke	ø x mm	160 x 1250	175 x 1335	200 x 1450

Service refill capacities

Fuel tank	l	620	685	840
Hydraulic system, total	l	500	525	655
Hydraulic tank	l	220	270	350
Engine oil	l	42	42	52
Engine coolant	l	60	60	65
Slew reduction unit	l	6,5	2 x 6	2 x 6
Travel reduction unit	l	2 x 6,8	2 x 8	2 x 20

Hydraulic cylinder for Demolition EC380DHR

	Qty	Bore ø mm	Stroke mm
for Demolition			
Base boom cylinder	2	160	1 530
Intermediate arm cylinder	1	160	1 530
Demolition arm cylinder	1	150	1 745
Crusher arm cylinder	2	130	1 150

for Digging

Base boom cylinder	2	160	1 530
Arm cylinder	1	175	1 700
Bucket cylinder	1	145	1 285

for HR

Modular cylinder	2	100	545
Tilting cab cylinder	2	65	130
Hyd. Retractable U/C cylinder	2	140	1 000

Hydraulic cylinder for Demolition EC480DHR

	Qty	Bore ø mm	Stroke mm
for Demolition			
Base boom cylinder	2	175	1 590
Intermediate arm cylinder	1	175	1 700
Demolition arm cylinder	1	175	1 700
Crusher arm cylinder	1	130	1 150

for Digging

Base boom cylinder	2	175	1 590
Arm cylinder	1	190	1 850
Bucket cylinder	1	165	1 335

for HR

Modular cylinder	2	100	590
Tilting cab cylinder	2	65	130
Hyd. Retractable U/C cylinder	2	140	1 000

Hydraulic cylinder for Demolition EC700CHR

	Qty	Bore ø mm	Stroke mm
for Demolition			
Base boom cylinder	2	200	1 790
Intermediate arm cylinder	1	215	2 070
Demolition arm cylinder	1	190	1 850
Crusher arm cylinder	1	140	1 140

for Digging

Base boom cylinder	2	200	1 790
Arm cylinder	1	215	2 070
Bucket cylinder	1	190	1 450

for HR

Modular cylinder	2	100	590
Tilting cab cylinder	2	65	130
Hyd. Retractable U/C cylinder	2	140	1 000

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Tilting Cab

The standard hydraulically tilting cabin tilts up to 30 degrees to enhance visibility and reduce operator fatigue and neck strain on high-reach jobs. The operator's cab has easy access via a wide door opening. The cab is supported on hydraulic dampening mounts to reduce shock and vibration levels. These along with sound absorbing lining provide low noise levels. The cab has excellent all-round visibility. The front windshield can easily slide up into the ceiling, and the lower front glass can be removed and stored in the side door. Integrated air-conditioning and heating system: The pressurized and filtered cab air is supplied by an automatically-controlled fan. The air is distributed throughout the cab from 14 vents. Ergonomic operator's seat: The adjustable seat and joystick console move independently to accommodate the operator. The seat has nine different adjustments plus a seat belt for the operator's comfort and safety.

Sound Level

		EC380DHR	EC480DHR	EC700CHR
Sound level in cab according to ISO 6396				
LpA	dB(A)	71	71	72
External sound level according to ISO 6395 and EU Noise Directive (2000/14/EC) and 474-1:2006 +A1:2009				
LwA	dB(A)	105	106	107

Digging Equipment

		EC380DHR	EC480DHR	EC700CHR
Arm with strip	m	3.20	3.35	2.90
Arm without strip	m	3.20	3.35	-
Arm with strip	m	3.90	3.90	3.55
Arm without strip	m	3.90	3.90	-
Arm with strip	m	-	-	4.20

Machine Weights

EC380DHR

At Demolition Equipment				600
(Condition shoe for EU region)	mm			
		Fixed undercarriage	Hydraulically retracted undercarriage	
Base machine	Kg	34 600		38 670
3-piece demolition equipment (incl cradle)	Kg	6 425		6 425
Boom extension	Kg	NO		NO
Additional CWT	Kg	3 800		3 800
Total weight	kg	44 825		48 895
At Digging Equipment				
Base machine	Kg	34 600		38 670
Digging equipment with 3,35m arm (incl cradle)	Kg	5 320		5 320
Total weight	Kg	39 920		43 990

EC480DHR

At Demolition Equipment				600
(Condition shoe for EU region)	mm			
		Fixed undercarriage	Mech. retracted undercarriage	Hydr. retracted undercarriage
Base machine	Kg	42 185	43 145	48 785
3-piece demolition equipment (incl cradle)	Kg	9 465	9 465	9 465
Boom extension	Kg	NO	NO	NO
Additional CWT	Kg	3 800	3 800	3 800
Total weight	kg	55 450	56 410	62 050
At Digging Equipment				
Base machine	Kg	42 185	43 145	48 785
Digging equipment with 3,35m arm (incl cradle)	Kg	6 495	6 495	6 495
Total weight	Kg	48 680	49 640	55 280

EC700CHR

At Demolition Equipment				650
(Condition shoe for EU region)	mm			
		Mech. retracted undercarriage	Hydr. retracted undercarriage	
Base machine	Kg	60 955		68 590
3-piece demolition equipment (incl cradle)	Kg	12 310		12 310
Boom extension	Kg	3 590		3 590
Additional CWT	Kg	4 500		4 500
Total weight	kg	81 355		88 990
At Digging Equipment				
Base machine	Kg	60 955		68 590
Digging equipment with 3,35m arm (incl cradle)	Kg	10 075		10 075
Total weight	Kg	71 030		78 665

Ground pressure**EC380DHR Demolition mode; fixed undercarriage, with 10.55 m base boom + demo. boom, 2.5 m inter. arm, 6.7 m demolition arm, 2 500 kg crusher, 10 000 kg counterweight**

Description	Shoe width. mm	Operating weight. kg	Ground pressure. kPa	Overall width. mm
Triple grouser	600	46 835	83.5	3 980
	700	47 275	72.3	4 080
	800	47 720	63.8	4 180
	900	48 160	57.3	4 280
Double grouser	600	47 075	83.9	3 980

EC380DHR Demolition mode; hydraulically retractable undercarriage, with 10.55 m base boom + demo. boom, 2.5 m inter. arm, 6.7 m demolition arm, 3 000 kg crusher, 10 000 kg counterweight

Triple grouser	600	51 405	91.7	3 980
	700	51 845	79.2	4 080
	800	52 290	69.2	4 180
	900	52 730	62.7	4 280
Double grouser	600	51 645	92.1	3 980

EC480DHR Demolition mode; fixed undercarriage, with 14.80 m base boom + demo. boom, 2.5 m inter. arm, 8.5 m demolition arm, 2 500 kg crusher, 13 000 kg counterweight

Triple grouser	600	57 395	99.2	3 340
	700	57 895	85.8	3 440
	800	58 400	75.7	3 540
	900	58 900	67.9	3 640
Double grouser	600	57 445	99.3	3 340

EC480DHR Demolition mode; fixed undercarriage, with 14.80 m base boom + demo. boom, 2.5 m inter. arm, 8.5 m demolition arm, 2 500 kg crusher, 13 000 kg counterweight

Triple grouser	600	58 380	100.5	3 340
	700	58 880	86.9	3 440
	800	59 385	76.7	3 540
	900	59 885	68.7	3 640
Double grouser	600	58 430	100.6	3 340

EC480DHR Demolition mode; hydraulically retractable undercarriage, with 14.80 m base boom + demo. boom, 2.5 m inter. arm, 8.5 m demolition arm, 3 000 kg crusher, 13000 kg counterweight

Triple grouser	600	63 770	109.6	3 980
	700	64 270	94.7	4 080
	800	64 775	83.5	4 180
	900	65 275	74.8	4 280
Double grouser	600	63 820	109.7	3 980

EC700CHR Demolition mode; mechanically retractable undercarriage, with 14.7 m base boom + demo. boom, 2.6 m inter. arm, 10 m demolition arm, 2 500 kg crusher, 15 250 kg counterweight

Double grouser	650	79 685	115.8	4 390
	750	80 085	100.9	4 490
	900	81 425	85.5	4 640

EC700CHR Demolition mode - 3 piece; hydraulically retractable undercarriage, with 14.7 m base boom + demo. boom, 2.6 m inter. arm, 10 m demolition arm, 3 500 kg crusher, 15 250 kg counterweight

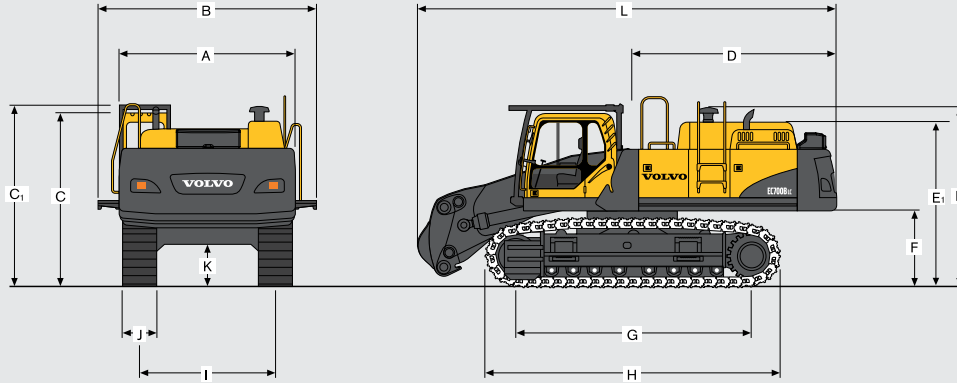
Double grouser	650	88 320	128.4	4 390
	750	88 720	111.8	4 490
	900	90 060	94.5	4 640

EC700CHR Demolition mode - 4 piece; hydraulically retractable undercarriage, with 17.7 m base boom + demo. boom, 2.6 m inter. arm, 10 m demolition arm, 2 500 kg crusher, 15 250 kg counterweight

Double grouser	650	90 910	132.1	4 390
	750	91 610	115.4	4 490
	900	92 650	97.3	4 640

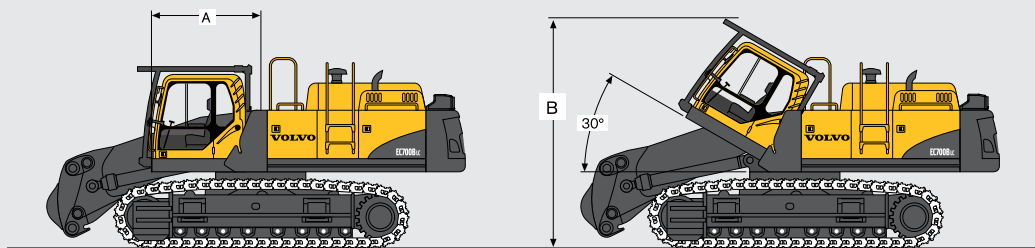
SPECIFICATIONS.

DIMENSIONS



Description	Unit	EC380DHR		EC480DHR			EC700CHR		
		Undercarriage fixed (Standard)	Undercarriage hydraulically retractable	Undercarriage fixed (Standard)	Undercarriage mechanically retractable	Undercarriage hydraulically retractable	Undercarriage mechanically retractable (Standard)	Undercarriage hydraulically retractable	
A	Width superstructure	mm	2 990	2 990	2 990	2 990	2 990	3 420	3 420
B	Overall width with walk way (only left side)	mm	3 320	3 320	3 320	3 320	3 320	4 286	4 286
	Overall width with SIPS (both sides) & Cab entrance step (left hand side)	mm	3 415	3 415	3 415	3 415	3 415	-	-
	Overall width with SIPS (both sides) & Cab entrance step (left hand side), removed	mm	2 990	2 990	2 990	2 990	2 990	-	-
C	Overall height	mm	3 270	3 270	3 280	3 390	3 390	3 520	3 520
C1	Overall height (including FOG)	mm	3 380	3 380	3 390	3 500	3 500	3 620	3 620
D	Tail swing radius	mm	3 590	3 590	3 880	3 880	3 880	4 090	4 090
E	Overall height of engine hood	mm	2 930	2 930	2 930	3 040	3 040	3 310	3 310
E1	Overall height of diffuser	mm	3 410	3 410	3 425	3 535	3 535	3 590	3 590
F	Minimum counterweight clearance*	mm	1 260	1 260	1 255	1 365	1 365	1 507	1 507
G	Tumbler length	mm	4 240	4 240	4 370	4 370	4 370	4 750	4 750
H	Track length	mm	5 180	5 210	5 370	5 370	5 370	5 990	5 990
I	Track gauge (extended)	mm	2 740	3 380	2 740	2 890	3 380	3 350	3 740
	Track gauge (retracted)	mm	-	2 390	-	2 390	2 390	2 750	2 750
J	Shoe width	mm	600	600	600	600	600	650	650
K	Minimum ground clearance*	mm	500	480	550	745	485	858	625
L	Overall length	mm	7 060	7 060	7 535	7 535	7 535	8 380	8 380
	Total weight without additional counterweight	kg	35 040	39 110	42 330	43 315	48 205	60 995	68 590

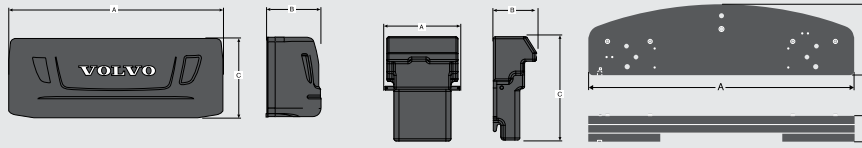
* Without shoe grouser



Dimensions of basic demolition machines

	Unit	Undercarriage fixed (Standard)	Undercarriage hydraulically retractable	Undercarriage fixed (Standard)	Undercarriage mechanically retractable	Undercarriage hydraulically retractable	Undercarriage mechanically retractable (Standard)	Undercarriage hydraulically retractable
Tilting cab length	mm	2 175	2 175	2 175	2 175	2 175	2 015	2 015
Cabin height when fully tilted	mm	4 160	4 200	4 240	4 350	4 350	4 200	4 200
Cab tilting angle	°	30	30	30	30	30	30	30

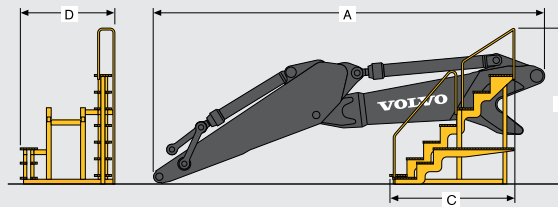
DIMENSIONS



Dimensions of the counterweight

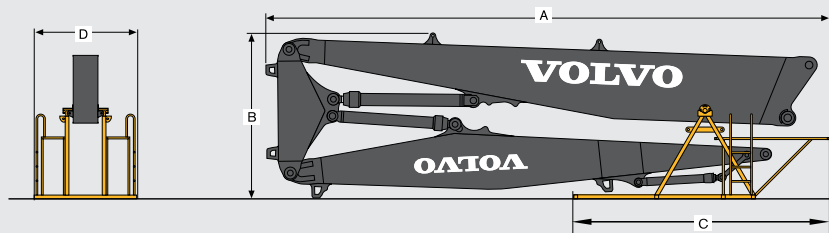
			EC380DHR		EC480DHR			EC700CHR		
Unit			standard	additional cwt w/ fixed cwt	standard	additional cwt w/ fixed cwt	additional cwt w/ hydr remove cwt	standard	additional cwt w/ fixed cwt	additional cwt w/ hydr remove cwt
A	Width counterweight	mm	2 990	1 055	2 990	1 055	2 800	3 420	1 364	3 420
B	Thickness counterweight	mm	770	620	920	620	748	845	660	774
C	Height counterweight	mm	1 105	1 470	1 140	1 470	270	1275	1 650	270
Total weight counterweight		kg	5 900	3 800	8 900	3 800	3 25 0	10 250	4 500	3 950

CAUTION: The machine can transported with the digging boom fitted. If it's transported without digging boom but with additional counterweight (plus 3.8 to 4.6 t), take care of stability (tilting back) during the loading / unloading on truck.



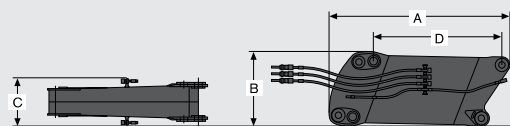
Dimensions of backhoe equipment

		Unit	EC380DHR		EC480DHR		EC700CHR		
Description			3.2 m	3.9 m	3.35 m	3.9 m	2.9 m	3.55 m	4.2 m
A	Length - mounting to arm end	mm	6 760	7 490	8 775	8 785	7 235	7 920	8 600
B	Overall height	mm	2 320	2 340	2 500	2 480	2 840	2 760	2 710
C	Length of support cradle	mm	1 185	1 185	2 565	2 565	2 565	2 565	2 565
D	Width of support cradle	mm	1 120	1 120	2 080	2 080	2 080	2 080	2 080
Weight of digging boom with transport cradle		kg	5 315	5 450	6 370	6 440	9 925	10 075	10 415



Dimensions of 3-piece demolition boom in support cradle

		Unit	EC380DHR	EC480DHR	EC700CHR
A	Overall length	mm	8 080	12 590	11 610
B	Overall height	mm	3 026	3 090	3 577
C	Length of support cradle	mm	2 565	2 565	3 465
D	Width of support cradle	mm	2 080	2 080	2 080
Weight of working equipment without attachment, including support cradle		kg	6 425	9 255	12 310

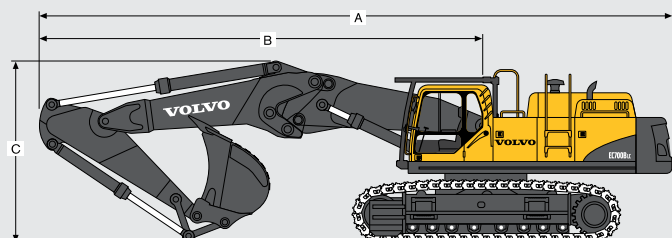


Dimensions of demolition boom extension

		Unit	EC700CHR
A	Overall length	mm	3 780
B	Overall height	mm	1 550
C	Overall Width	mm	1 230
D	Extension length	mm	2 700
Weight of demolition boom extension		kg	3 590

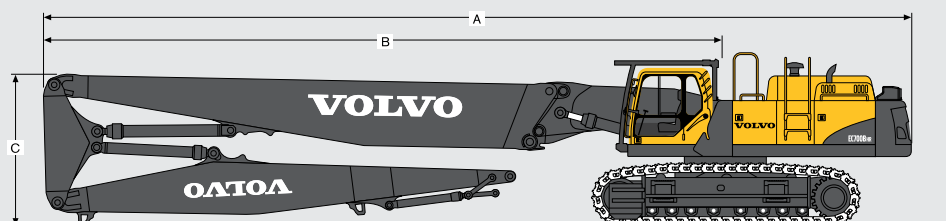
SPECIFICATIONS.

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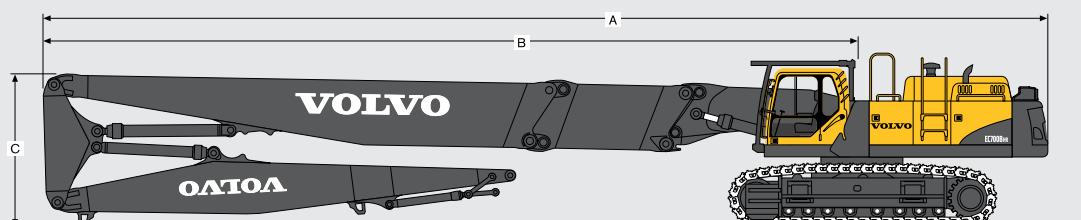
Dimensions of demolition machine including backhoe equipment (position for transport)

	Unit	EC380DHR		EC480DHR		EC700CHR		
		Straight boom 6.8 m		Straight boom 7.5 m		Straight boom 8.3 m		
Boom								
Arm		3.2 m	3.9 m	3.35 m	3.9 m	2.9 m	3.55 m	4.2 m
A Overall length	mm	11 550	11 420	12 735	12 720	13 920	13 760	13 660
B Swing centre to front of equipment	mm	7 960	7 830	8 855	8 835	9 830	9 670	9 570
C Maximum height of boom in transport position	mm	3 380	3 940	3 510	3 670	4 030	4 210	4 580
Operating weight, excluding bucket	kg	44 285	44 420	54 780	54 850	78 030	78 180	78 520



Dimensions of demolition machine including 3-piece demolition attachment

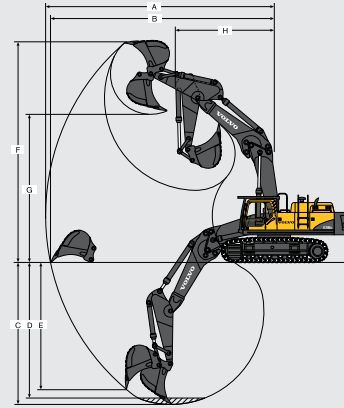
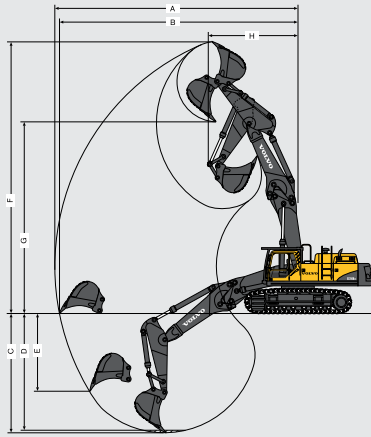
	Unit	EC380DHR	EC480DHR	EC700CHR
A Overall length	mm	14 480	19 250	19 380
B Swing centre to front of equipment	mm	10 890	15 365	15 290
C Maximum height of boom in transport position	mm	3 110	3 090	3 600
Operating weight, excluding crusher	kg	48 845	60 770	84 820



Dimensions of demolition machine including 3-piece demolition attachment and boom extension

	Unit	EC700CHR
A Overall length	mm	22 380
B Swing centre to front of equipment	mm	18 290
C Maximum height of boom in transport position	mm	3 600
Operating weight, excluding crusher	kg	88 410

WORKING RANGES & DIGGING FORCES



Working ranges of demolition machines with straight boom*

		Unit	EC380DHR		EC480DHR		EC700CHR		
Boom			Straight boom 6.8 m		Straight boom 7.5 m		Straight boom 8.3 m		
Arm			3.2 m	3.9 m	3.35 m	3.9 m	2.9 m	3.55 m	4.2 m
	Bucket tip radius	mm	1 880	1 880	1 936	1 936	2 150	2 150	2 150
A	Maximum digging reach	mm	11 890	12 570	12 790	13 310	13 300	13 890	14 520
B	Maximum digging reach on ground	mm	11 685	12 375	12 560	13 090	13 050	13 650	14 290
C	Maximum digging depth	mm	5 810	6 510	6 430	6 985	6 550	7 140	7 790
D	Maximum digging depth (2.4 m level)	mm	5 660	6 380	6 290	6 855	6 400	7 000	7 670
E	Maximum vertical wall digging depth	mm	4 265	4 780	3 345	3 745	4 980	5 570	6 080
F	Maximum cutting height	mm	13 555	14 150	13 895	14 265	14 890	15 290	15 790
G	Maximum dumping height	mm	9 800	10 400	10 070	10 445	10 620	11 040	11 530
H	Minimum front swing radius	mm	3 260	3 590	3 975	3 940	4 510	4 640	4 910

Digging forces of demolition machines with straight boom*

		Unit	EC380DHR		EC480DHR		EC700CHR		
Boom			Straight boom 6.8 m		Straight boom 7.5 m		Straight boom 8.3 m		
Arm			3.2 m	3.9 m	3.35 m	3.9 m	2.9 m	3.55 m	4.2 m
	Bucket tip radius	mm	1 880	1 880	1 936	1 936	2 150	2 150	2 150
	Breakout force-bucket (Normal/Power boost) ISO	kN	197/214	197/214	241/263	263/281	313/342	314/344	314/344
	Tearout force-arm (Normal / Power boost) ISO	kN	161/175	140/153	197/215	176/192	289/326	261/285	233/255
	Rotation angle, bucket	°	177	177	183	183	173	173	173

Working ranges of demolition machines with bent boom*

		Unit	EC380DHR		EC480DHR		EC700CHR		
Boom			Bent boom 6.5 m		Bent boom 7.0 m		Bent boom 7.7 m		
Arm			3.2 m	3.9 m	3.35 m	3.9 m	2.9 m	3.55 m	4.2 m
	Bucket tip radius	mm	1 880	1 880	1 936	1 936	2 150	2 150	2 150
A	Maximum digging reach	mm	11 320	11 970	12 070	12 560	12 500	13 050	13 650
B	Maximum digging reach on ground	mm	11 105	11 765	11 830	12 330	12 230	12 790	13 400
C	Maximum digging depth	mm	7 020	7 720	7 695	8 245	7 740	8 390	9 040
D	Maximum digging depth (2.4 m level)	mm	6 870	7 590	7 550	8 115	7 590	8 260	8 920
E	Maximum vertical wall digging depth	mm	5 730	6 320	5 080	5 480	6 560	6 760	7 380
F	Maximum cutting height	mm	11 500	11 870	10 990	11 140	12 180	12 250	12 520
G	Maximum dumping height	mm	7 985	8 365	7 525	7 690	8 370	8 600	8 870
H	Minimum front swing radius	mm	3 360	3 710	5 070	5 040	5 500	5 360	5 370

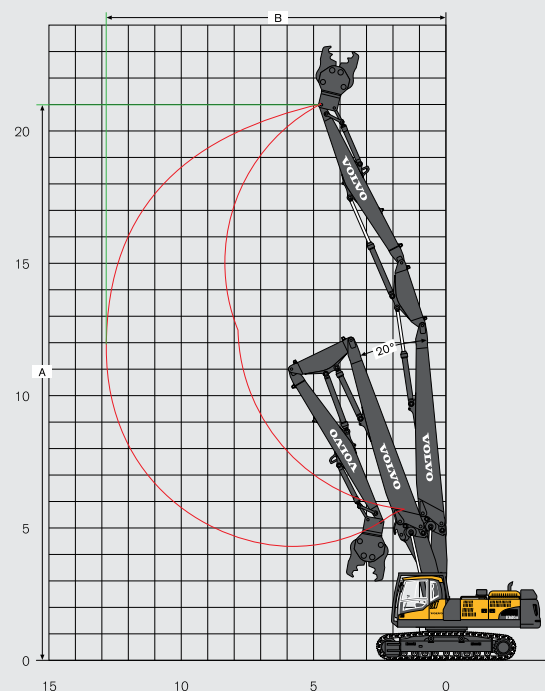
Digging forces of demolition machines with bent boom*

		Unit	EC380DHR		EC480DHR		EC700CHR		
Boom			Bent boom 6.5 m		Bent boom 7.0 m		Bent boom 7.7 m		
Arm			3.2 m	3.9 m	3.35 m	3.9 m	2.9 m	3.55 m	4.2 m
	Bucket tip radius	mm	1 880	1 880	1 936	1 936	2 150	2 150	2 150
	Breakout force-bucket (Normal/Power boost) ISO	kN	197/214	197/214	241/285	263/304	313/342	314/344	314/344
	Tearout force-arm (Normal / Power boost) ISO	kN	161/175	140/153	197/215	176/192	289/326	261/285	233/255
	Rotation angle, bucket	°	177	177	183	183	173	173	173

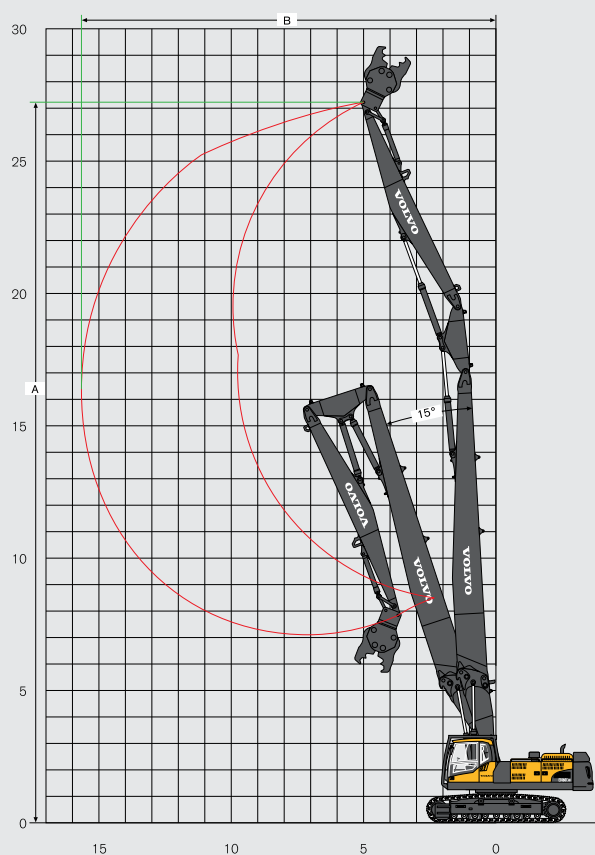
SPECIFICATIONS.

WORKING RANGES & DIGGING FORCES

EC380DHR demolition machine with 3-piece demolition boom			
Description	Unit	EC380DHR Undercarriage, fixed (Standard)	
A	Maximum pin height	mm	21 030
B	Maximum pin reach	mm	13 500
	Maximum tool weight	t	2.5
	Operating angle	°	20
Description	Unit	EC380DHR Undercarriage hydraulically retractable	
A	Maximum pin height	mm	21 070
B	Maximum pin reach	mm	13 500
	Maximum tool weight	t	3
	Operating angle	°	20



EC480DHR demolition machine with 3-piece demolition boom			
Description	Unit	EC480DHR Undercarriage, fixed	
A	Maximum pin height	mm	27 245
B	Maximum pin reach	mm	15 840
	Maximum tool weight	t	2.5
	Operating angle	°	15
Description	Unit	EC480DHR Undercarriage mechanically retractable	
A	Maximum pin height	mm	27 355
B	Maximum pin reach	mm	15 840
	Maximum tool weight	t	2.5
	Operating angle	°	15
Description	Unit	EC480DHR Undercarriage hydraulically retractable	
A	Maximum pin height	mm	27 355
B	Maximum pin reach	mm	15 840
	Maximum tool weight	t	3
	Operating angle	°	15

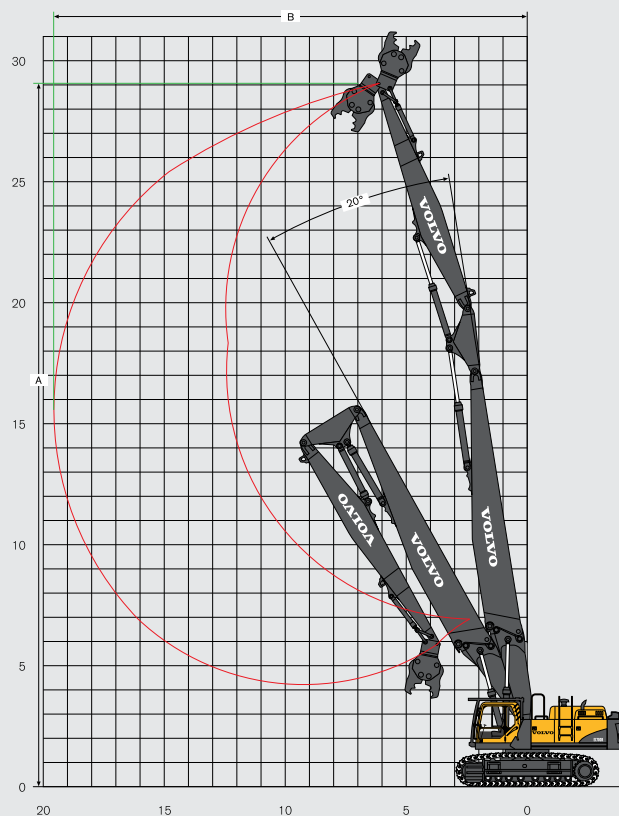


WORKING RANGES & DIGGING FORCES

EC700CHR demolition machine with 3-piece demolition boom

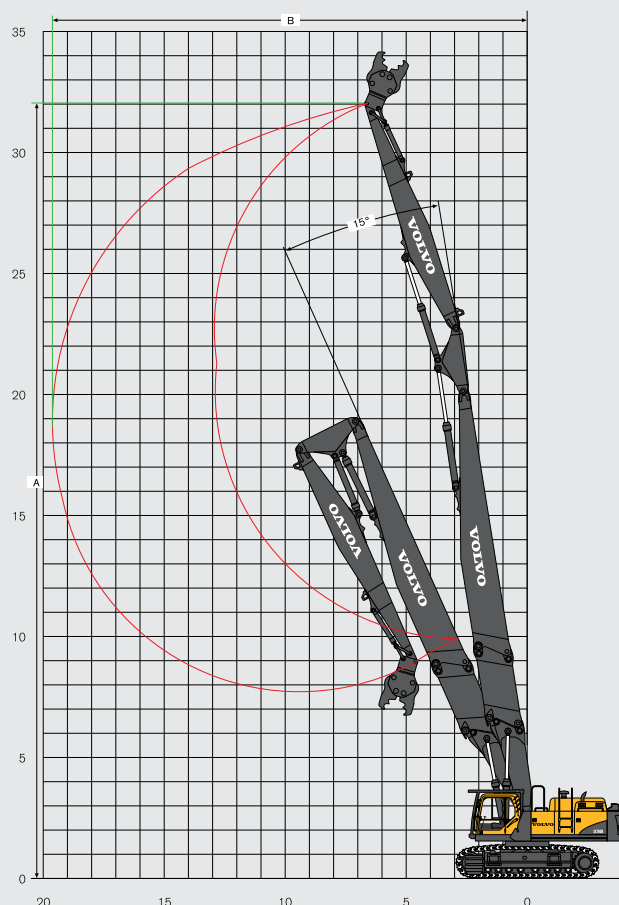
Description	Unit	EC700CHR Undercarriage, fixed (Standard)	
A	Maximum pin height	mm	29 060
B	Maximum pin reach	mm	19 500
	Maximum tool weight	t	2.5
	Operating angle	°	20

Description	Unit	EC700CHR Undercarriage hydraulically retractable	
A	Maximum pin height	mm	29 060
B	Maximum pin reach	mm	19 500
	Maximum tool weight	t	3.5
	Operating angle	°	20



EC700CHR demolition machine with 3-piece demolition boom and boom extension

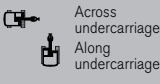
Description	Unit	EC700CHR	
A	Maximum pin height	mm	32 020
B	Maximum pin reach	mm	19 570
	Maximum tool weight	t	2.5
	Operating angle	°	15



LIFTING CAPACITY EC380DHR

At the arm end without bucket. For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick fit from the following values.

EC380DHR with fixed type long crawler undercarriage


	Lifting Point	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		Maximum reach			
		m	kg		kg		kg		kg		kg		kg		kg		kg	kg	Max.
			kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	m
Boom 6.5 m	9.0							*10 570	*10 570								*8 200	*8 200	6.48
	7.5							*10 560	*10 560	*9 440	*9 440						*7 520	*7 520	7.78
	6.0							*11 340	*11 340	*10 310	*10 310						*7 270	*7 270	8.63
	4.5					*16 130	*16 130	*12 750	*12 750	*10 950	10 120	*8 860	7 470				*7 310	7 250	9.15
	3.0					*19 560	*19 560	*14 370	13 720	*11 750	9 730	9 170	7 310				*7 570	6 790	9.41
	1.5					*21 670	20 420	*15 650	13 050	11 880	9 370	8 990	7 130				*8 090	6 650	9.42
	0.0					*21 930	19 870	*16 180	12 620	11 600	9 110	8 860	7 010				8 610	6 820	9.18
Counterweight 5 900 kg	-1.5			*15 290	*15 290	*20 840	19 770	*15 780	12 450	11 480	9 000						9 320	7 360	8.68
	-3.0			*24 140	*24 140	*18 510	*18 510	*14 280	12 520	*10 840	9 080						*9 920	8 530	7.86
	-4.5					*14 440	*14 440	*10 890	*10 890								*9 170	*9 170	6.61
Boom 6.5 m	9.0									*9 130	*9 130						*6 340	*6 340	7.40
	7.5									*9 460	*9 460	*7 650	*7 650				*5 890	*5 890	8.56
	6.0									*9 460	*9 460	*7 650	*7 650				*5 730	*5 730	9.33
	4.5					*14 270	*14 270	*11 680	*11 680	*10 200	*10 200	*9 300	7 600				*5 750	*5 750	9.82
	3.0					*17 890	*17 890	*13 440	*13 440	*11 130	9 860	9 250	7 380				*5 930	*5 930	10.06
	1.5					*20 710	*20 710	*15 000	13 230	11 960	9 440	9 010	7 150				*6 290	6 000	10.07
	0.0					*21 840	19 960	*15 910	12 670	11 610	9 110	8 830	6 970				*6 890	6 110	9.85
Counterweight 5 900 kg	-1.5	*9 530	*9 530	*14 350	*14 350	*21 460	19 640	*15 960	12 390	11 410	8 920	8 740	6 890				*7 860	6 510	9.38
	-3.0	*15 070	*15 070	*20 980	*20 980	*19 810	19 690	*15 020	12 340	11 390	8 900						9 330	7 350	8.64
	-4.5			*22 170	*22 170	*16 640	*16 640	*12 690	12 550	*9 080	*9 080						*9 040	*9 040	7.52
Boom 6.8 m	10.5					*13 500	*13 500										*10 380	*10 380	5.47
	9.0					*12 030	*12 030	*12 370	*12 370								*8 540	*8 540	7.28
	7.5					*11 190	*11 190	*12 340	*12 340	*11 560	10 290						*7 750	*7 750	8.46
	6.0					*13 130	*13 130	*13 780	*13 780	*11 780	10 110	9 270	7 400				*7 380	7 040	9.24
	4.5					*19 740	*19 740	*14 930	13 940	*12 240	9 780	9 160	7 290				*7 260	6 380	9.73
	3.0							*15 900	13 180	11 920	9 400	8 970	7 120				*7 370	6 050	9.97
	1.5							*16 190	12 600	11 570	9 080	8 810	6 960				7 560	5 980	9.98
Counterweight 5 900 kg	0.0					*14 000	*14 000	*15 490	12 300	11 360	8 880	8 710	6 870				7 790	6 160	9.76
	-1.5					*16 750	*16 750	*13 750	12 240	*10 890	8 840	*7 980	6 900				*7 080	6 650	9.29
	-3.0					*12 730	*12 730	*10 870	*10 870	*8 360	*8 360						*5 660	*5 660	8.53
Boom 6.8 m	12.0																*10 820	*10 820	4.03
	10.5							*9 950	*9 950								*7 670	*7 670	6.64
	9.0							*9 900	*9 900	*9 270	*9 270						*6 590	*6 590	8.19
	7.5							*9 550	*9 550	*9 960	*9 960	*7 750	7 570				*6 060	*6 060	9.25
	6.0					*9 050	*9 050	*10 270	*10 270	*10 700	10 300	9 430	7 550				*5 800	*5 800	9.97
	4.5					*16 780	*16 780	*13 920	*13 920	*11 750	9 930	9 250	7 380				*5 720	5 720	10.43
	3.0							*15 360	13 430	12 030	9 510	9 020	7 160	7 050	5 580		*5 790	5 450	10.65
Counterweight 5 900 kg	1.5							*16 040	12 720	11 620	9 120	8 800	6 950	6 970	5 500		*6 000	5 380	10.66
	0.0					*15 800	*15 800	*15 820	12 290	11 340	8 850	8 650	6 800				*6 360	5 510	10.45
	-1.5			*9 270	*9 270	*18 610	*18 610	*14 590	12 120	11 210	8 730	8 600	6 760				*6 770	5 880	10.02
	-3.0					*15 100	*15 100	*12 280	12 180	*9 640	8 770	*6 730	*6 730				*5 700	*5 700	9.32
-4.5							*8 590	*8 590										8.29	
Boom 6.5 m	9.0							*10 570	*10 570								*8 200	*8 200	6.48
	7.5							*10 560	*10 560	*9 440	*9 440						*7 520	*7 520	7.78
	6.0							*11 340	*11 340	*10 310	*10 310						*7 270	*7 270	8.63
	4.5					*16 130	*16 130	*12 750	*12 750	*10 950	10 010	*8 860	7 380				*7 310	7 170	9.15
	3.0					*19 560	*19 560	*14 370	13 580	*11 750	9 630	9 070	7 220				*7 570	6 720	9.41
	1.5					*21 670	20 200	*15 650	12 910	11 740	9 260	8 880	7 050				*8 090	6 580	9.42
	0.0					*21 930	19 650	*16 180	12 480	11 470	9 000	8 760	6 930				8 510	6 740	9.18
Counterweight 5 900 kg	-1.5			*15 290	*15 290	*20 840	19 550	*15 780	12 310	11 350	8 890						9 210	7 270	8.68
	-3.0			*24 140	*24 140	*18 510	*18 510	*14 280	12 380	*10 840	8 980						*9 920	8 440	7.86
	-4.5					*14 440	*14 440	*10 890	*10 890								*9 170	*9 170	6.61
Boom 6.5 m	9.0									*9 130	*9 130						*6 340	*6 340	7.40
	7.5									*9 460	*9 460	*7 650	*7 650				*5 890	*5 890	8.56
	6.0									*9 460	*9 460	*7 650	*7 650				*5 730	*5 730	9.33
	4.5					*14 270	*14 270	*11 680	*11 680	*10 200	10 190	*9 300	7 510				*5 750	*5 750	9.82
	3.0					*17 890	*17 890	*13 440	*13 440	*11 130	9 760	9 150	7 300				*5 930	*5 930	10.06
	1.5					*20 710	20 620	*15 000	13 090	11 830	9 340	8 910	7 070				*6 290	5 930	10.07
	0.0					*21 840	19 740	*15 910	12 530	11 480	9 010	8 720	6 890				*6 890	6 030	9.85
Counterweight 5 900 kg	-1.5	*9 530	*9 530	*14 350	*14 350	*21 460	19 420	15 950	12 250	11 280	8 820	8 630	6 800				*7 860	6 430	9.38
	-3.0	*15 070	*15 070	*20 980	*20 980	*19 810	19 460	*15 020	12 200	11 260	8 800						9 220	7 260	8.64
	-4.5			*22 170	*22 170	*16 640	*16 640	*12 690	12 400	*9 080	9 030						*9 040	9 010	7.52

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

LIFTING CAPACITY EC380DHR

At the arm end without bucket. For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick fit from the following values.

EC380DHR with fixed type long crawler undercarriage


















 Across undercarriage Along undercarriage	Lifting Point m	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		Maximum reach		Max. m		
		kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg		kg	
		kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg		kg	
Boom 6.8 m	10.5					*13 500	*13 500										*10 380	*10 380	5.47	
	9.0					*12 030	*12 030	*12 370	*12 370								*8 540	*8 540	7.28	
	7.5					*11 190	*11 190	*12 340	*12 340	*11 560	10 180						*7 750	*7 750	8.46	
	Arm 3.2 m	6.0			*11 340	*11 340	*13 130	*13 130	*13 780	*13 780	*11 780	10 010	9 160	7 310				*7 380	6 960	9.24
		4.5					*19 740	*19 740	*14 930	13 800	12 180	9 680	9 050	7 210				*7 260	6 300	9.73
	Shoe 800 mm	3.0							*15 900	13 040	11 780	9 300	8 870	7 040				*7 370	5 980	9.97
		1.5							16 170	12 460	11 440	8 980	8 700	6 880				7 470	5 910	9.98
	Counterweight 5 900 kg	0.0					*14 000	*14 000	*15 490	12 150	11 230	8 780	8 610	6 780				7 700	6 090	9.76
		-1.5					*16 750	*16 750	*13 750	12 040	*10 890	8 730	*7 980	6 820				*7 080	6 570	9.29
-3.0						*12 730	*12 730	*10 870	*10 870	*8 360	*8 360						*5 660	*5 660	8.53	
Boom 6.8 m	12.0																*10 820	*10 820	4.03	
	10.5								*9 950	*9 950							*7 670	*7 670	6.64	
	9.0								*9 900	*9 900	*9 270	*9 270					*6 590	*6 590	8.19	
	7.5								*9 550	*9 550	*9 960	*9 960	*7 750	7 490			*6 060	*6 060	9.25	
	Arm 3.9 m	6.0					*9 050	*9 050	*10 270	*10 270	*10 700	10 200	9 320	7 460				*5 800	*5 800	9.97
		4.5					*16 780	*16 780	*13 920	*13 920	*11 750	9 830	9 150	7 300				*5 720	5 650	10.43
	Shoe 800 mm	3.0							*15 360	13 290	11 900	9 400	8 920	7 080	6 960	5 510		*5 790	5 380	10.65
		1.5							*16 040	12 580	11 490	9 020	8 700	6 870	6 880	5 440		*6 000	5 320	10.66
	Counterweight 5 900 kg	0.0					*15 800	*15 800	*15 820	12 150	11 200	8 750	8 550	6 720				*6 360	5 440	10.45
-1.5				*9 270	*9 270	*18 610	*18 610	*14 590	11 980	11 080	8 630	8 500	6 670				*6 770	5 810	10.02	
-3.0						*15 100	*15 100	*12 280	12 040	*9 640	8 670	*6 730	*6 730				*5 700	*5 700	9.32	
	-4.5							*8 590	*8 590										8.29	
Boom 6.5 m	9.0								*10 570	*10 570							*8 200	*8 200	6.48	
	7.5								*10 560	*10 560	*9 440	*9 440					*7 520	*7 520	7.78	
	6.0								*11 340	*11 340	*10 310	10 210					*7 270	*7 270	8.63	
	Arm 3.2 m	4.5					*16 130	*16 130	*12 750	*12 750	*10 950	9 910	*8 860	7 300				*7 310	7 090	9.15
		3.0					*19 560	*19 560	*14 370	13 440	*11 750	9 520	8 960	7 140				*7 570	6 640	9.41
	Shoe 700 mm	1.5					*21 670	19 970	*15 650	12 760	11 610	9 160	8 780	6 960				*8 090	6 500	9.42
		0.0					*21 930	19 420	16 010	12 340	11 340	8 900	8 650	6 840				8 410	6 650	9.18
	Counterweight 5 900 kg	-1.5			*15 290	*15 290	*20 840	19 330	*15 780	12 170	11 220	8 790						9 100	7 180	8.68
		-3.0			*24 140	*24 140	*18 510	*18 510	*14 280	12 230	*10 840	8 870						*9 920	8 340	7.86
-4.5						*14 440	*14 440	*10 890	*10 890								*9 170	*9 170	6.61	
Boom 6.5 m	9.0																*6 340	*6 340	7.40	
	7.5									*9 130	*9 130						*5 890	*5 890	8.56	
	6.0									*9 460	*9 460	*7 650	7 570				*5 730	*5 730	9.33	
	Arm 3.9 m	4.5					*14 270	*14 270	*11 680	*11 680	*10 200	10 080	9 270	7 430				*5 750	*5 750	9.82
		3.0					*17 890	*17 890	*13 440	*13 440	*11 130	9 650	9 050	7 210				*5 930	*5 930	10.06
	Shoe 700 mm	1.5					*20 710	20 390	*15 000	12 940	11 700	9 230	8 810	6 990				*6 290	5 850	10.07
		0.0			*9 250	*9 250	*21 840	19 510	*15 910	12 390	11 350	8 900	8 620	6 810				*6 890	5 960	9.85
	Counterweight 5 900 kg	-1.5	*9 530	*9 530	*14 350	*14 350	*21 460	19 200	15 760	12 100	11 150	8 710	8 530	6 720				*7 860	6 350	9.38
		-3.0	*15 070	*15 070	*20 980	*20 980	*19 810	19 240	*15 020	12 060	11 120	8 690						9 110	7 180	8.64
-4.5				*22 170	*22 170	*16 640	*16 640	*12 690	12 260	*9 080	8 930						*9 040	8 900	7.52	
Boom 6.8 m	10.5					*13 500	*13 500										*10 380	*10 380	5.47	
	9.0					*12 030	*12 030	*12 370	*12 370								*8 540	*8 540	7.28	
	7.5					*11 190	*11 190	*12 340	*12 340	*11 560	10 080						*7 750	*7 750	8.46	
	Arm 3.2 m	6.0			*11 340	*11 340	*13 130	*13 130	*13 780	*13 780	*11 780	9 900	9 060	7 230				*7 380	6 870	9.24
		4.5					*19 740	*19 740	*14 930	13 660	12 050	9 570	8 950	7 130				*7 260	6 220	9.73
	Shoe 700 mm	3.0							*15 900	12 900	11 650	9 190	8 770	6 950				*7 370	5 910	9.97
		1.5							15 980	12 310	11 310	8 870	8 600	6 790				7 380	5 840	9.98
	Counterweight 5 900 kg	0.0					*14 000	*14 000	*15 490	12 010	11 100	8 670	8 500	6 700				7 610	6 010	9.76
		-1.5					*16 750	*16 750	*13 750	11 960	*10 890	8 630	*7 980	6 730				*7 080	6 490	9.29
-3.0						*12 730	*12 730	*10 870	*10 870	*8 360	*8 360						*5 660	*5 660	8.53	
Boom 6.8 m	12.0																*10 820	*10 820	4.03	
	10.5								*9 950	*9 950							*7 670	*7 670	6.64	
	9.0								*9 900	*9 900	*9 270	*9 270					*6 590	*6 590	8.19	
	7.5								*9 550	*9 550	*9 960	*9 960	*7 750	7 410			*6 060	*6 060	9.25	
	Arm 3.9 m	6.0					*9 050	*9 050	*10 270	*10 270	*10 700	10 090	9 220	7 380				*5 800	*5 800	9.97
		4.5					*16 780	*16 780	*13 920	*13 920	*11 750	9 720	9 040	7 210				*5 720	5 580	10.43
	Shoe 700 mm	3.0					*15 360	13 140	11 770	9 300	8 810	6 990	6 880	5 440				*5 790	5 310	10.65
		1.5							*16 040	12 440	11 360	8 910	8 600	6 780	6 800	5 370		*6 000	5 250	10.66
	Counterweight 5 900 kg	0.0					*15 800	*15 800	15 650	12 000	11 070	8 640	8 440	6 640				*6 360	5 370	10.45
-1.5				*9 270	*9 270	*18 610	*18 610	*14 590	11 840	10 940	8 520	8 390	6 590				*6 770	5 740	10.02	
-3.0						*15 100	*15 100	*12 280	11 900	*9 640	8 560	*6 730	6 700				*5 700	*5 700	9.32	
	-4.5							*8 590	*8 590										8.29	

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

LIFTING CAPACITY EC380DHR

At the arm end without bucket. For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick fit from the following values.

EC380DHR with fixed type long crawler undercarriage


 Across undercarriage  Along undercarriage	Lifting Point	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		Maximum reach							
		m																kg	kg	Max.			
			kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	m			
Boom 6.5 m Arm 3.2 m Shoe 600 mm Counterweight 5 900 kg	9.0								*10 570	*10 570							*8	*8 200	6.48				
	7.5								*10 560	*10 560	*9 440	*9 440						*7 520	*7 520	7.78			
	6.0								*11 340	*11 340	*10 310	10 110						*7 270	*7 270	8.63			
	4.5							*16 130	*16 130	*12 750	*12 750	*10 950	9 800	*8 860	7 220			*7 310	7 010	9.15			
	3.0							*19 560	*19 560	*14 370	13 300	*11 750	9 410	8 860	7 060			*7 570	6 560	9.41			
	1.5							*21 670	19 750	*15 650	12 620	11 480	9 050	8 680	6 880			*8 090	6 420	9.42			
	0.0							*21 930	19 200	15 830	12 200	11 210	8 790	8 550	6 760			8 310	6 570	9.18			
	-1.5				*15 290	*15 290	*20 840	19 110	15 650	12 030	11 090	8 680						8 990	7 100	8.68			
	-3.0				*24 140	*24 140	*18 510	*18 510	*14 280	12 090	*10 840	8 770						*9 920	8 240	7.86			
-4.5						*14 440	*14 440	*10 890	*10 890								*9 170	*9 170	6.61				
Boom 6.5 m Arm 3.9 m Shoe 600 mm Counterweight 5 900 kg	9.0																	*6 340	*6 340	7.40			
	7.5																	*5 890	*5 890	8.56			
	6.0																	*5 730	*5 730	9.33			
	4.5							*14 270	*14 270	*11 680	*11 680	*10 200	9 980	9 170	7 350			*5 750	*5 750	9.82			
	3.0							*17 890	*17 890	*13 440	*13 440	*11 130	9 550	8 940	7 130			*5 930	5 910	10.06			
	1.5							*20 710	20 170	*15 000	12 800	11 570	9 130	8 710	6 900			*6 290	5 780	10.07			
	0.0							*9 250	*9 250	*21 840	19 290	15 890	12 250	11 220	8 800	8 520	6 720		*6 890	5 890	9.85		
	-1.5	*9 530	*9 530	*14 350	*14 350	*21 460	18 980	15 580	11 960	11 020	8 610	8 430	6 640					*7 860	6 270	9.38			
	-3.0	*15 070	*15 070	*20 980	*20 980	*19 810	19 020	*15 020	11 920	10 990	8 590							9 000	7 090	8.64			
-4.5				*22 170	*22 170	*16 640	*16 640	*12 690	12 120	*9 080	8 820						*9 040	8 800	7.52				
Boom 6.8 m Arm 3.2 m Shoe 600 mm Counterweight 5 900 kg	10.5							*13 500	*13 500									*10 380	*10 380	5.47			
	9.0							*12 030	*12 030	*12 370	*12 370								*8 540	*8 540	7.28		
	7.5							*11 190	*11 190	*12 340	*12 340	*11 560	9 970						*7 750	*7 750	8.46		
	6.0				*11 340	*11 340	*13 130	*13 130	*13 780	*13 780	*11 780	9 800	8 960	7 150					*7 380	6 790	9.24		
	4.5						*19 740	*19 740	*14 930	13 510	11 920	9 470	8 850	7 040					*7 260	6 150	9.73		
	3.0								*15 900	12 760	11 520	9 090	8 670	6 870					7 360	5 830	9.97		
	1.5									15 800	12 170	11 180	8 770	8 500	6 710					7 290	5 760	9.98	
	0.0								*14 000	*14 000	15 470	11 870	10 970	8 570	8 400	6 620				7 510	5 940	9.76	
	-1.5								*16 750	*16 750	*13 750	11 820	*10 890	8 520	*7 980	6 650				*7 080	6 410	9.29	
-3.0								*12 730	*12 730	*10 870	*10 870	*8 360	*8 360						*5 660	*5 660	8.53		
Boom 6.8 m Arm 3.9 m Shoe 600 mm Counterweight 5 900 kg	12.0																		*10 820	*10 820	4.03		
	10.5																			*7 670	*7 670	6.64	
	9.0																			*6 590	*6 590	8.19	
	7.5																			*6 060	*6 060	9.25	
	6.0																			*5 800	*5 800	9.97	
	4.5																			*5 720	5 510	10.43	
	3.0																			*5 790	5 250	10.65	
	1.5																				*6 000	5 180	10.66
	0.0																				*6 360	5 310	10.45
	-1.5																				*6 770	5 660	10.02
	-3.0																				*5 700	*5 700	9.32
-4.5																						8.29	

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

LIFTING CAPACITY EC380DHR

At the arm end without bucket. For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick fit from the following values.

EC380DHR with hydraulic removable counterweight


	Lifting Point	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		Maximum reach				
		m	kg		kg		kg		kg		kg		kg		kg		kg	kg	m	
			kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg					
Boom 6.5 m	9.0							*10 570	*10 570								*8 200	*8 200	6.48	
	7.5							*10 560	*10 560	*9 440	*9 440						*7 520	*7 520	7.78	
	6.0							*11 340	*11 340	*10 310	*10 310						*7 270	*7 270	8.63	
	4.5					*16 130	*16 130	*12 750	*12 750	*10 950	*10 950	*8 860	8 230				*7 310	*7 310	9.15	
	3.0					*19 560	*19 560	*14 370	*14 370	*11 750	10 690	10 110	8 070				*7 570	7 510	9.41	
	1.5					*21 670	*21 670	*15 650	14 350	*12 440	10 330	9 930	7 890				*8 090	7 370	9.42	
	0.0					*21 930	21 890	*16 180	13 930	*12 730	10 070	9 800	7 770				*8 960	7 560	9.18	
	Counterweight 5 900 kg	-1.5			*15 290	*15 290	*20 840	*20 840	*15 780	13 760	*12 360	9 960						*10 080	8 150	8.68
		-3.0			*24 140	*24 140	*18 510	*18 510	*14 280	13 820	*10 840	10 040						*9 920	9 440	7.86
-4.5						*14 440	*14 440	*10 890	*10 890								*9 170	*9 170	6.61	
Boom 6.5 m	9.0									*9 130	*9 130						*5 890	*5 890	8.56	
	7.5									*9 460	*9 460	*7 650	*7 650				*5 730	*5 730	9.33	
	6.0									*9 460	*9 460	*7 650	*7 650				*5 730	*5 730	9.33	
	4.5					*14 270	*14 270	*11 680	*11 680	*10 200	*10 200	*9 300	8 360				*5 750	*5 750	9.82	
	3.0					*17 890	*17 890	*13 440	*13 440	*11 130	10 820	*9 740	8 140				*5 930	*5 930	10.06	
	1.5					*20 710	*20 710	*15 000	14 530	*11 990	10 400	9 960	7 910				*6 290	*6 290	10.07	
	0.0					*21 840	*21 840	*15 910	13 980	*12 530	10 070	9 770	7 730				*6 890	6 790	9.85	
	Counterweight 5 900 kg	-1.5	*9 530	*9 530	*14 350	*14 350	*21 460	*21 460	*15 960	13 690	*12 520	9 880	9 680	7 650				*7 860	7 230	9.38
		-3.0	*15 070	*15 070	*20 980	*20 980	*19 810	*19 810	*15 020	13 650	*11 670	9 860						*9 350	8 150	8.64
-4.5				*22 170	*22 170	*16 640	*16 640	*12 690	*12 690	*9 080	*9 080						*9 040	*9 040	7.52	
Boom 6.8 m	10.5					*13 500	*13 500										*10 380	*10 380	5.47	
	9.0					*12 030	*12 030	*12 370	*12 370								*8 540	*8 540	7.28	
	7.5					*11 190	*11 190	*12 340	*12 340	*11 560	11 250						*7 750	*7 750	8.46	
	6.0			*11 340	*11 340	*13 130	*13 130	*13 780	*13 780	*11 780	11 070	*9 820	8 160				*7 380	*7 380	9.24	
	4.5					*19 740	*19 740	*14 930	*14 930	*12 240	10 740	10 100	8 050				*7 260	7 070	9.73	
	3.0							*15 900	14 490	*12 650	10 370	9 920	7 880				*7 370	6 720	9.97	
	1.5							*16 190	13 900	*12 720	10 040	9 750	7 720				*7 650	6 650	9.98	
	0.0					*14 000	*14 000	*15 490	13 600	*12 210	9 840	*9 610	7 630				*7 980	6 850	9.76	
	Counterweight 5 900 kg	-1.5					*16 750	*16 750	*13 750	13 550	*10 890	9 800	*7 980	7 660				*7 080	*7 080	9.29
-3.0						*12 730	*12 730	*10 870	*10 870	*8 360	*8 360						*5 660	*5 660	8.53	
Boom 6.8 m		12.0																*10 820	*10 820	4.03
	10.5							*9 950	*9 950								*7 670	*7 670	6.64	
	9.0							*9 900	*9 900	*9 270	*9 270						*6 590	*6 590	8.19	
	7.5							*9 550	*9 550	*9 960	*9 960	*7 750	*7 750				*6 060	*6 060	9.25	
	6.0					*9 050	*9 050	*10 270	*10 270	*10 700	*10 700	*9 800	8 310				*5 800	*5 800	9.97	
	4.5					*16 780	*16 780	*13 920	*13 920	*11 750	10 890	*10 120	8 140				*5 720	*5 720	10.43	
	3.0							*15 360	14 730	*12 320	10 470	9 960	7 920	*7 360	6 210		*5 790	*5 790	10.65	
	1.5							*16 040	14 030	*12 620	10 080	9 750	7 710	*7 740	6 130		*6 000	*6 000	10.66	
	0.0					*15 800	*15 800	*15 820	13 590	*12 420	9 810	9 590	7 560				*6 360	6 150	10.45	
Counterweight 5 900 kg	-1.5			*9 270	*9 270	*18 610	*18 610	*14 590	13 420	*11 510	9 690	*8 960	7 520				*6 770	6 550	10.02	
	-3.0					*15 100	*15 100	*12 280	*12 280	*9 640	*9 640	*6 730	*6 730				*5 700	*5 700	9.32	
	-4.5							*8 590	*8 590										8.29	
Boom 6.5 m	9.0							*10 570	*10 570								*8 200	*8 200	6.48	
	7.5							*10 560	*10 560	*9 440	*9 440						*7 520	*7 520	7.78	
	6.0							*11 340	*11 340	*10 310	*10 310						*7 270	*7 270	8.63	
	4.5					*16 130	*16 130	*12 750	*12 750	*10 950	*10 950	*8 860	8 150				*7 310	*7 310	9.15	
	3.0					*19 560	*19 560	*14 370	*14 370	*11 750	10 590	10 010	7 980				*7 570	7 440	9.41	
	1.5					*21 670	*21 670	*15 650	14 210	*12 440	10 220	9 830	7 810				*8 090	7 300	9.42	
	0.0					*21 930	21 670	*16 180	13 790	*12 680	9 960	9 700	7 690				*8 960	7 480	9.18	
	Counterweight 5 900 kg	-1.5			*15 290	*15 290	*20 840	*20 840	*15 780	13 620	*12 360	9 850						*10 080	8 070	8.68
		-3.0			*24 140	*24 140	*18 510	*18 510	*14 280	13 680	*10 840	9 940						*9 920	9 340	7.86
-4.5						*14 440	*14 440	*10 890	*10 890								*9 170	*9 170	6.61	
Boom 6.5 m	9.0									*9 130	*9 130						*5 890	*5 890	8.56	
	7.5									*9 460	*9 460	*7 650	*7 650				*5 730	*5 730	9.33	
	6.0									*9 460	*9 460	*7 650	*7 650				*5 730	*5 730	9.33	
	4.5					*14 270	*14 270	*11 680	*11 680	*10 200	*10 200	*9 300	8 280				*5 750	*5 750	9.82	
	3.0					*17 890	*17 890	*13 440	*13 440	*11 130	10 720	*9 740	8 060				*5 930	*5 930	10.06	
	1.5					*20 710	*20 710	*15 000	14 390	*11 990	10 300	9 850	7 830				*6 290	*6 290	10.07	
	0.0					*21 840	21 760	*15 910	13 840	*12 530	9 970	9 670	7 650				*6 890	6 720	9.85	
	Counterweight 5 900 kg	-1.5	*9 530	*9 530	*14 350	*14 350	*21 460	21 450	*15 960	13 550	12 480	9 780	9 580	7 570				*7 860	7 150	9.38
		-3.0	*15 070	*15 070	*20 980	*20 980	*19 810	*19 810	*15 020	13 510	*11 670	9 760						*9 350	8 070	8.64
-4.5				*22 170	*22 170	*16 640	*16 640	*12 690	*12 690	*9 080	*9 080						*9 040	*9 040	7.52	

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

LIFTING CAPACITY EC380DHR

At the arm end without bucket. For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick fit from the following values.

EC380DHR with hydraulic removable counterweight


 Across undercarriage Along undercarriage	Lifting Point m	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		Maximum reach		Max. m		
		kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg			
		kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg			
Boom 6.8 m	10.5					*13 500	*13 500										*10 380	*10 380	5.47	
	9.0					*12 030	*12 030	*12 370	*12 370									*8 540		7.28
	7.5					*11 190	*11 190	*12 340	*12 340	*11 560	11 140							*7 750	*7 750	8.46
Arm 3.2 m	6.0			*11 340	*11 340	*13 130	*13 130	*13 780	*13 780	*11 780	10 970	*9 820	8 080					*7 380	*7 380	9.24
	4.5					*19 740	*19 740	*14 930	*14 930	*12 240	10 640	10 000	7 970					*7 260	6 990	9.73
Shoe 800 mm	3.0							*15 900	14 340	*12 650	10 260	9 810	7 800					*7 370	6 650	9.97
	1.5							*16 190	13 760	12 650	9 940	9 650	7 640					*7 650	6 580	9.98
Counterweight 5 900 kg	0.0					*14 000	*14 000	*15 490	13 460	*12 210	9 740	9 550	7 550					*7 980	6 770	9.76
	-1.5					*16 750	*16 750	*13 750	*13 750	*10 890	9 690	*7 980	7 580					*7 080	*7 080	9.29
	-3.0					*12 730	*12 730	*10 870	*10 870	*8 360	*8 360							*5 660	*5 660	8.53
Boom 6.8 m	12.0																	*10 820	*10 820	4.03
	10.5								*9 950	*9 950								*7 670	*7 670	6.64
	9.0								*9 900	*9 900	*9 270	*9 270						*6 590	*6 590	8.19
Arm 3.9 m	7.5							*9 550	*9 550	*9 960	*9 960	*7 750	*7 750					*6 060	*6 060	9.25
	6.0					*9 050	*9 050	*10 270	*10 270	*10 700	*10 700	*9 800	8 230					*5 800	*5 800	9.97
Shoe 800 mm	4.5					*16 780	*16 780	*13 920	*13 920	*11 750	10 790	10 090	8 060					*5 720	*5 720	10.43
	3.0							*15 360	14 590	*12 320	10 370	9 860	7 840	*7 360	6 140			*5 790	*5 790	10.65
Counterweight 5 900 kg	1.5							*16 040	13 890	*12 620	9 980	9 640	7 630	7 660	6 070			*6 000	5 930	10.66
	0.0					*15 800	*15 800	*15 820	13 450	12 410	9 710	9 490	7 480					*6 360	6 080	10.45
	-1.5			*9 270	*9 270	*18 610	*18 610	*14 590	13 280	*11 510	9 590	*8 960	7 430					*6 770	6 480	10.02
	-3.0					*15 100	*15 100	*12 280	*12 280	*9 640	9 630	*6 730	*6 730					*5 700	*5 700	9.32
	-4.5							*8 590	*8 590											8.29
Boom 6.5 m	9.0								*10 570	*10 570								*8 200	*8 200	6.48
	7.5								*10 560	*10 560	*9 440	*9 440						*7 520	*7 520	7.78
	6.0								*11 340	*11 340	*10 310	*10 310						*7 270	*7 270	8.63
Arm 3.2 m	4.5					*16 130	*16 130	*12 750	*12 750	*10 950	10 870	*8 860	8 060					*7 310	*7 310	9.15
	3.0					*19 560	*19 560	*14 370	*14 370	*11 750	10 480	9 910	7 900					*7 570	7 360	9.41
Shoe 700 mm	1.5					*21 670	*21 670	*15 650	14 070	*12 440	10 120	9 720	7 720					*8 090	7 220	9.42
	0.0					*21 930	21 450	*16 180	13 640	12 540	9 860	9 600	7 600					*8 960	7 400	9.18
Counterweight 5 900 kg	-1.5			*15 290	*15 290	*20 840	*20 840	*15 780	13 470	*12 360	9 750							*10 080	7 980	8.68
	-3.0			*24 140	*24 140	*18 510	*18 510	*14 280	13 540	*10 840	9 830							*9 920	9 240	7.86
	-4.5					*14 440	*14 440	*10 890	*10 890									*9 170	*9 170	6.61
Boom 6.5 m	9.0									*9 130	*9 130							*6 340	*6 340	7.40
	7.5									*9 460	*9 460	*7 650	*7 650					*5 890	*5 890	8.56
	6.0									*10 200	*10 200	*9 300	8 190					*5 730	*5 730	9.33
Arm 3.9 m	4.5					*14 270	*14 270	*11 680	*11 680	*10 200	*10 200	*9 300	8 190					*5 750	*5 750	9.82
	3.0					*17 890	*17 890	*13 440	*13 440	*11 130	10 610	*9 740	7 970					*5 930	*5 930	10.06
Shoe 700 mm	1.5					*20 710	*20 710	*15 000	14 240	*11 990	10 190	9 750	7 750					*6 290	*6 290	10.07
	0.0			*9 250	*9 250	*21 840	21 540	*15 910	13 690	*12 530	9 860	9 560	7 570					*6 890	6 640	9.85
Counterweight 5 900 kg	-1.5	*9 530	*9 530	*14 350	*14 350	*21 460	21 220	*15 960	13 410	12 350	9 670	9 470	7 480					*7 860	7 070	9.38
	-3.0	*15 070	*15 070	*20 980	*20 980	*19 810	*19 810	*15 020	13 360	*11 670	9 650							*9 350	7 980	8.64
	-4.5			*22 170	*22 170	*16 640	*16 640	*12 690	*12 690	*9 080	*9 080							*9 040	*9 040	7.52
Boom 6.8 m	10.5					*13 500	*13 500											*10 380	*10 380	5.47
	9.0					*12 030	*12 030	*12 370	*12 370									*8 540	*8 540	7.28
	7.5					*11 190	*11 190	*12 340	*12 340	*11 560	11 040							*7 750	*7 750	8.46
Arm 3.2 m	6.0			*11 340	*11 340	*13 130	*13 130	*13 780	*13 780	*11 780	10 860	*9 820	7 990					*7 380	*7 380	9.24
	4.5					*19 740	*19 740	*14 930	*14 930	*12 240	10 530	9 890	7 890					*7 260	6 920	9.73
Shoe 700 mm	3.0							*15 900	14 200	*12 650	10 150	9 710	7 710					*7 370	6 580	9.97
	1.5							*16 190	13 620	12 520	9 830	9 540	7 550					*7 650	6 510	9.98
Counterweight 5 900 kg	0.0					*14 000	*14 000	*15 490	13 310	*12 210	9 630	9 450	7 460					*7 980	6 700	9.76
	-1.5					*16 750	*16 750	*13 750	13 260	*10 890	9 590	*7 980	7 490					*7 080	*7 080	9.29
	-3.0					*12 730	*12 730	*10 870	*10 870	*8 360	*8 360							*5 660	*5 660	8.53
Boom 6.8 m	12.0																	*10 820	*10 820	4.03
	10.5								*9 950	*9 950								*7 670	*7 670	6.64
	9.0								*9 900	*9 900	*9 270	*9 270						*6 590	*6 590	8.19
Arm 3.9 m	7.5								*9 550	*9 550	*9 960	*9 960	*7 750	*7 750				*6 060	*6 060	9.25
	6.0					*9 050	*9 050	*10 270	*10 270	*10 700	*10 700	*9 800	8 140					*5 800	*5 800	9.97
Shoe 700 mm	4.5					*16 780	*16 780	*13 920	*13 920	*11 750	10 680	9 990	7 970					*5 720	*5 720	10.43
	3.0							*15 360	14 450	*12 320	10 260	9 760	7 750	*7 360	6 070			*5 790	*5 790	10.65
Counterweight 5 900 kg	1.5							*16 040	13 740	12 560	9 870	9 540	7 550	7 570	6 000			*6 000	5 870	10.66
	0.0					*15 800	*15 800	*15 820	13 310	12 280	9 600	9 380	7 400					*6 360	6 010	10.45
	-1.5			*9 270	*9 270	*18 610	*18 610	*14 590	13 140	*11 510	9 480	*8 960	7 350					*6 770	6 400	10.02
	-3.0					*15 100	*15 100	*12 280	*12 280	*9 640	9 520	*6 730	*6 730					*5 700	*5 700	9.32
	-4.5							*8 590	*8 590											8.29

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

LIFTING CAPACITY EC380DHR

At the arm end without bucket. For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick fit from the following values.

EC380DHR with hydraulic removable counterweight


 Across undercarriage Along undercarriage	Lifting Point m	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		Maximum reach		Max. m	
		kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg		
		kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg		
Boom 6.5 m Arm 3.2 m Shoe 600 mm Counterweight 5 900 kg	9.0							*10 570	*10 570								*8 200	*8 200	6.48
	7.5							*10 560	*10 560	*9 440	*9 440						*7 520	*7 520	7.78
	6.0							*11 340	*11 340	*10 310	*10 310						*7 270	*7 270	8.63
	4.5						*16 130	*16 130	*12 750	*12 750	*10 950	10 760	*8 860	7 980			*7 310	*7 310	9.15
	3.0						*19 560	*19 560	*14 370	*14 370	*11 750	10 380	9 800	7 820			*7 570	7 280	9.41
	1.5						*21 670	*21 670	*15 650	13 930	*12 440	10 010	9 620	7 640			*8 090	7 140	9.42
	0.0						*21 930	21 230	*16 180	13 500	12 410	9 750	9 490	7 520			*8 960	7 320	9.18
	-1.5			*15 290	*15 290	*20 840	*20 840	*15 780	13 330	12 290	9 640						9 980	7 890	8.68
	-3.0			*24 140	*24 140	*18 510	*18 510	*14 280	13 400	*10 840	9 730						*9 920	9 140	7.86
-4.5					*14 440	*14 440	*10 890	*10 890								*9 170	*9 170	6.61	
Boom 6.5 m Arm 3.9 m Shoe 600 mm Counterweight 5 900 kg	9.0																*6 340	*6 340	7.40
	7.5									*9 130	*9 130						*5 890	*5 890	8.56
	6.0									*9 460	*9 460	*7 650	*7 650				*5 730	*5 730	9.33
	4.5						*14 270	*14 270	*11 680	*11 680	*10 200	*10 200	*9 300	8 110			*5 750	*5 750	9.82
	3.0						*17 890	*17 890	*13 440	*13 440	*11 130	10 510	*9 740	7 890			*5 930	*5 930	10.06
	1.5						*20 710	*20 710	*15 000	14 100	*11 990	10 090	9 650	7 660			*6 290	*6 290	10.07
	0.0			*9 250	*9 250	*21 840	21 320	*15 910	13 550	12 420	9 760	9 460	7 480				*6 890	6 570	9.85
	-1.5	*9 530	*9 530	*14 350	*14 350	*21 460	21 000	*15 960	13 260	12 220	9 570	9 370	7 400				*7 860	6 990	9.38
	-3.0	*15 070	*15 070	*20 980	*20 980	*19 810	*19 810	*15 020	13 220	*11 670	9 550						*9 350	7 890	8.64
-4.5			*22 170	*22 170	*16 640	*16 640	*12 690	*12 690	*9 080	*9 080						*9 040	*9 040	7.52	
Boom 6.8 m Arm 3.2 m Shoe 600 mm Counterweight 5 900 kg	10.5						*13 500	*13 500									*10 380	*10 380	5.47
	9.0						*12 030	*12 030	*12 370	*12 370							*8 540	*8 540	7.28
	7.5						*11 190	*11 190	*12 340	*12 340	*11 560	10 930					*7 750	*7 750	8.46
	6.0			*11 340	*11 340	*13 130	*13 130	*13 780	*13 780	*11 780	10 760	*9 820	7 910				*7 380	*7 380	9.24
	4.5					*19 740	*19 740	*14 930	14 820	*12 240	10 430	9 790	7 800				*7 260	6 840	9.73
	3.0							*15 900	14 060	*12 650	10 050	9 610	7 630				*7 370	6 500	9.97
	1.5							*16 190	13 480	12 380	9 730	9 440	7 470				*7 650	6 430	9.98
	0.0					*14 000	*14 000	*15 490	13 170	12 170	9 530	9 340	7 380				*7 980	6 620	9.76
	-1.5					*16 750	*16 750	*13 750	13 120	*10 890	9 480	*7 980	7 410				*7 080	*7 080	9.29
-3.0					*12 730	*12 730	*10 870	*10 870	*8 360	*8 360						*5 660	*5 660	8.53	
Boom 6.8 m Arm 3.9 m Shoe 600 mm Counterweight 5 900 kg	12.0																*10 820	*10 820	4.03
	10.5							*9 950	*9 950								*7 670	*7 670	6.64
	9.0							*9 900	*9 900	*9 270	*9 270						*6 590	*6 590	8.19
	7.5							*9 550	*9 550	*9 960	*9 960	*7 750	*7 750				*6 060	*6 060	9.25
	6.0					*9 050	*9 050	*10 270	*10 270	*10 700	*10 700	*9 800	8 060				*5 800	*5 800	9.97
	4.5					*16 780	*16 780	*13 920	*13 920	*11 750	10 580	9 880	7 890				*5 720	*5 720	10.43
	3.0							*15 360	14 300	*12 320	10 150	9 660	7 670	*7 360	6 000		*5 790	*5 790	10.65
	1.5							*16 040	13 600	12 430	9 770	9 440	7 460	7 490	5 930		*6 000	5 800	10.66
	0.0					*15 800	*15 800	*15 820	13 160	12 150	9 500	9 280	7 320				*6 360	5 940	10.45
	-1.5			*9 270	*9 270	*18 610	*18 610	*14 590	13 000	*11 510	9 380	*8 960	7 270				*6 770	6 330	10.02
	-3.0					*15 100	*15 100	*12 280	*12 280	*9 640	9 420	*6 730	*6 730				*5 700	*5 700	9.32
	-4.5							*8 590	*8 590										

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

LIFTING CAPACITY EC480DHR

At the arm end without bucket. For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick fit from the following values.

EC480DHR with mechanically retractable undercarriage


	Lifting Point	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		Maximum reach				
		m	kg		kg		kg		kg		kg		kg		kg		kg	kg	m	
			kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg					
Boom 7 m	9.0									*11 080	*11 080					*10 120	*10 120	7.63		
	7.5									*11 130	*11 130					*9 600	*9 600	8.72		
	6.0									*11 830	*11 830	*11 190	10 110			*9 460	*9 250	9.46		
	Arm 3.35 m	4.5					*20 300	*20 300	*15 390	*15 390	*13 010	*13 010	*11 700	9 860			*9 590	8 380	9.91	
		3.0					*24 810	*24 810	*17 830	17 570	*14 340	12 590	12 290	9 550			*10 000	7 920	10.12	
	Shoe 900 mm	1.5					*17 150	*17 150	*19 760	16 660	*15 520	12 060	11 970	9 240			10 060	7 780	10.09	
		0.0					*21 110	*21 110	*20 770	16 120	15 360	11 680	11 740	9 020			10 310	7 950	9.84	
	Counterweight 8 900 kg	-1.5			*15 750	*15 750	*27 700	25 260	*20 800	15 900	15 170	11 500	11 650	8 940			11 070	8 500	9.34	
		-3.0			*25 640	*25 640	*25 800	25 490	*19 790	15 950	15 200	11 530					12 630	9 680	8.55	
-4.5				*29 470	*29 470	*22 340	*22 340	*17 280	16 280							*13 220	12 160	7.37		
Boom 7 m	9.0															*8 110	*8 110	8.27		
	7.5												*9 580	*9 580			*7 740	*7 740	9.29	
	6.0									*11 040	*11 040	*10 490	10 310			*7 650	*7 650	9.98		
	4.5								*14 330	*14 330	*12 290	*11 290	*11 120	10 010			*7 770	*7 770	10.41	
	Arm 3.9 m	3.0					*23 470	*23 470	*16 900	*16 900	*13 730	12 780	*11 930	9 660	*9 200	7 530	*8 080	7 400	10.61	
		1.5					*22 510	*22 510	*19 090	16 910	*15 050	12 190	12 060	9 320	9 510	7 360	*8 620	7 260	10.59	
	Shoe 900 mm	0.0			*8 700	*8 700	*22 800	*22 800	*20 440	16 240	15 440	11 750	11 770	9 050			*9 490	7 390	10.35	
		-1.5	*11 300	*11 300	*15 450	*15 450	*28 190	25 190	*20 850	15 910	15 170	11 500	11 610	8 900			10 190	7 830	9.87	
	Counterweight 8 900 kg	-3.0	*17 780	*17 780	*23 100	*23 100	*26 800	25 290	*20 260	15 860	15 110	11 440	11 640	8 920			11 420	8 760	9.13	
-4.5				*32 840	*32 840	*23 980	*23 980	*18 390	16 080	*14 230	11 640					*12 770	10 630	8.03		
-6.0						*18 810	*18 810	*14 060	*14 060							*12 700	*12 700	6.41		
Boom 7.5 m	12.0															*14 470	*14 470	4.90		
	10.5								*15 070	*15 070						*11 280	*11 280	7.16		
	9.0								*14 790	*14 790	*13 390	*13 390				*10 000	*10 000	8.60		
	7.5								*15 440	*15 440	*13 580	*13 580	*12 350	9 940			*9 370	8 820	9.58	
	Arm 3.35 m	6.0					*21 650	*21 650	*16 930	*16 930	*14 250	13 160	12 530	9 770			*9 080	7 770	10.25	
		4.5								*18 730	17 710	*15 140	12 580	12 230	9 480	9 520	7 370	*9 030	7 160	10.67
	Shoe 900 mm	3.0								*20 230	16 610	15 700	12 000	11 890	9 170	9 390	7 240	8 900	6 860	10.86
		1.5								*20 780	15 870	15 200	11 530	11 610	8 900	9 260	7 120	8 840	6 800	10.84
	Counterweight 8 900 kg	0.0								*20 190	15 540	14 910	11 260	11 430	8 730	9 210	7 070	9 090	6 990	10.61
-1.5						*18 150	*18 150	*18 590	15 500	14 820	11 180	11 390	8 690			*9 480	7 470	10.15		
-3.0						*18 580	*18 580	*15 930	15 690	*12 980	11 290	*9 830	8 850			*8 470	8 400	9.42		
Boom 7.5 m	12.0															*10 720	*10 720	5.98		
	10.5															*8 820	*8 820	7.94		
	9.0									*12 640	*12 640	*9 880	*9 880			*7 960	*7 960	9.25		
	7.5								*12 560	*12 560	*12 940	*12 940	*11 800	10 140			*7 510	*7 510	10.17	
	Arm 3.9 m	6.0					*15 010	*15 010	*15 290	*15 290	*13 680	13 390	*12 110	9 920	9 750	7 590	*7 310	7 180	10.80	
		4.5								*17 970	*17 970	*14 660	12 790	12 360	9 600	9 620	7 470	*7 280	6 660	11.20
	Shoe 900 mm	3.0								*19 710	16 930	*15 600	12 160	11 990	9 250	9 440	7 290	*7 410	6 390	11.38
		1.5								*20 650	16 060	15 320	11 640	11 660	8 940	9 270	7 130	*7 710	6 330	11.36
	Counterweight 8 900 kg	0.0					*12 220	*12 220	*20 510	15 580	14 940	11 290	11 430	8 730	9 160	7 020	*8 190	6 480	11.14	
-1.5						*18 170	*18 170	*19 320	15 440	14 780	11 140	11 330	8 630	9 170	7 030	8 960	6 880	10.70		
-3.0						*20 760	*20 760	*17 080	15 540	*13 820	11 180	*10 900	8 700			*8 370	7 630	10.02		
-4.5								*13 570	*13 570	*10 860	*10 860							9.04		
Boom 7 m	9.0															*10 120	*10 120	7.63		
	7.5									*11 130	*11 130					*9 600	*9 600	8.72		
	6.0									*11 830	*11 830	*11 190	10 010			*9 460	9 150	9.46		
	Arm 3.35 m	4.5					*20 300	*20 300	*15 390	*15 390	*13 010	*13 010	*11 700	9 760			*9 590	8 290	9.91	
		3.0					*24 810	*24 810	*17 830	17 390	*14 340	12 460	12 160	9 440			*10 000	7 830	10.12	
	Shoe 800 mm	1.5					*17 150	*17 150	*19 760	16 480	*15 520	11 930	11 840	9 140			9 950	7 690	10.09	
		0.0					*21 110	*21 110	*20 770	15 940	15 190	11 550	11 610	8 920			10 200	7 860	9.84	
	Counterweight 8 900 kg	-1.5			*15 750	*15 750	*27 700	24 980	*20 800	15 720	15 000	11 370	11 520	8 830			10 940	8 410	9.34	
		-3.0			*25 640	*25 640	*25 800	25 210	*19 790	15 770	15 030	11 400					12 480	9 560	8.55	
-4.5				*29 470	*29 470	*22 340	*22 340	*17 280	16 100							*13 220	12 030	7.37		
Boom 7 m	9.0															*8 110	*8 110	8.27		
	7.5													*9 580	*9 580			*7 740	*7 740	9.29
	6.0									*11 040	*11 040	*10 490	10 050			*7 650	*7 650	9.98		
	4.5								*14 330	*14 330	*12 290	*12 290	*11 120	9 760			*7 770	7 600	10.41	
	Arm 3.9 m	3.0					*23 470	*23 470	*16 900	*16 900	*13 730	12 460	*11 930	9 410	*9 200	7 320	*8 080	7 190	10.61	
		1.5					*22 510	*22 510	*19 090	16 480	*15 050	11 870	11 750	9 060	9 270	7 150	*8 620	7 060	10.59	
	Shoe 800 mm	0.0			*8 700	*8 700	*22 800	*22 800	*20 440	15 800	15 050	11 430	11 470	8 790			9 330	7 180	10.35	
		-1.5	*11 300	*11 300	*15 450	*15 450	*28 190	24 520	*20 850	15 470	14 780	11 180	11 310	8 640			9 920	7 610	9.87	
	Counterweight 8 900 kg	-3.0	*17 780	*17 780	*23 100	*23 100	*26 800	24 620	*20 260	15 420	14 720	11 120	11 330	8 670			11 120	8 510	9.13	
-4.5				*32 840	*32 840	*23 980	*23 980	*18 390	15 640	*14 230	11 320					*12 770	10 330	8.03		
-6.0						*18 810	*18 810	*14 060	*14 060							*12 700	*12 700	6.41		

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

LIFTING CAPACITY EC480DHR

At the arm end without bucket. For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick fit from the following values.

EC480DHR with mechanically retractable undercarriage


 Across undercarriage Along undercarriage	Lifting Point m	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		Maximum reach		Max. m	
		kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg		kg
Boom 7 m Arm 3.35 m Shoe 600 mm Counterweight 8 900 kg	9.0									*11 080	*11 080						*10 120	*10 120	7.63
	7.5									*11 130	*11 130						*9 600	*9 600	8.72
	6.0									*11 830	*11 830	*11 190	9 830				*9 460	8 980	9.46
	4.5					*20 300	*20 300	*15 390	*15 390	*13 010	12 840	*11 700	9 580				*9 590	8 130	9.91
	3.0					*24 810	*24 810	*17 830	17 090	*14 340	12 240	11 920	9 260				9 880	7 680	10.12
	1.5					*17 150	*17 150	*19 760	16 180	15 280	11 700	11 600	8 960				9 740	7 540	10.09
	0.0					*21 110	*21 110	*20 770	15 630	14 880	11 330	11 360	8 740				9 980	7 700	9.84
	-1.5			*15 750	*15 750	*27 700	24 510	20 780	15 420	14 680	11 150	11 270	8 660				10 710	8 240	9.34
	-3.0			*25 640	*25 640	*25 800	24 740	*19 790	15 470	14 720	11 180						12 220	9 380	8.55
	-4.5			*29 470	*29 470	*22 340	*22 340	*17 280	15 800								*13 220	11 800	7.37
Boom 7 m Arm 3.9 m Shoe 600 mm Counterweight 8 900 kg	9.0																*8 110	*8 110	8.27
	7.5												*9 580	*9 580			*7 740	*7 740	9.29
	6.0									*11 040	*11 040	*10 490	10 020				*7 650	*7 650	9.98
	4.5							*14 330	*14 330	*12 290	*12 290	*11 120	9 730				*7 770	7 570	10.41
	3.0					*23 470	*23 470	*16 900	*16 900	*13 730	12 430	*11 930	9 380	*9 200	7 300		*8 080	7 170	10.61
	1.5					*22 510	*22 510	*19 090	16 430	*15 050	11 840	11 680	9 040	9 200	7 130		*8 620	7 030	10.59
	0.0			*8 700	*8 700	*22 800	*22 800	*20 440	15 750	14 960	11 400	11 390	8 770				9 270	7 150	10.35
	-1.5	*11 300	*11 300	*15 450	*15 450	*28 190	24 440	20 790	15 420	14 680	11 140	11 230	8 610				9 850	7 580	9.87
	-3.0	*17 780	*17 780	*23 100	*23 100	*26 800	24 540	*20 260	15 370	14 630	11 090	11 260	8 640				11 050	8 480	9.13
	-4.5			*32 840	*32 840	*23 980	*23 980	*18 390	15 590	*14 230	11 280						*12 770	10 300	8.03
-6.0					*18 810	*18 810	*14 060	*14 060								*12 700	*12 700	6.41	
Boom 7.5 m Arm 3.35 m Shoe 600 mm Counterweight 8 900 kg	12.0																*14 470	*14 470	4.90
	10.5							*15 070	*15 070								*11 280	*11 280	7.16
	9.0							*14 790	*14 790	*13 390	*13 390						*10 000	*10 000	8.60
	7.5							*15 440	*15 440	*13 580	13 240	12 330	9 650				*9 370	8 560	9.58
	6.0					*21 650	*21 650	*16 930	*16 930	*14 250	12 800	12 160	9 490				*9 080	7 530	10.25
	4.5							*18 730	17 220	*15 140	12 220	11 850	9 200	9 210	7 140		8 960	6 930	10.67
	3.0							*20 230	16 120	15 210	11 640	11 520	8 880	9 080	7 010		8 600	6 640	10.86
	1.5								20 740	15 390	14 720	11 180	11 230	8 620	8 950	6 890	8 550	6 580	10.84
	0.0								*20 190	15 050	14 430	10 900	11 050	8 450	8 900	6 840	8 790	6 760	10.61
	-1.5					*18 150	*18 150	*18 590	15 020	14 340	10 830	11 020	8 410				9 400	7 230	10.15
-3.0					*18 580	*18 580	*15 930	15 210	*12 980	10 940	*9 830	8 570				*8 470	8 130	9.42	
Boom 7.5 m Arm 3.9 m Shoe 600 mm Counterweight 8 900 kg	12.0																*10 720	*10 720	5.98
	10.5									*11 280	*11 280						*8 820	*8 820	7.94
	9.0									*12 640	*12 640	*9 880	9 830				*7 960	*7 960	9.25
	7.5							*12 560	*12 560	*12 940	*12 940	*11 800	9 850				*7 510	*7 510	10.17
	6.0					*15 010	*15 010	*15 290	*15 290	*13 680	13 030	*12 110	9 640	9 450	7 360		*7 310	6 960	10.80
	4.5							*17 970	17 630	*14 660	12 430	11 980	9 320	9 320	7 230		*7 280	6 450	11.20
	3.0							*19 710	16 450	15 400	11 810	11 610	8 970	9 130	7 060		*7 410	6 180	11.38
	1.5								*20 650	15 570	14 830	11 280	11 280	8 660	8 960	6 890	*7 710	6 120	11.36
	0.0					*12 220	*12 220	20 430	15 100	14 460	10 930	11 050	8 440	8 850	6 790		8 160	6 270	11.14
	-1.5					*18 170	*18 170	*19 320	14 960	14 300	10 790	10 960	8 350	8 860	6 800		8 660	6 650	10.70
-3.0					*20 760	*20 760	*17 080	15 060	*13 820	10 830	*10 900	8 420				*8 370	7 380	10.02	
-4.5								*13 570	*13 570	*10 860	*10 860								9.04

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

LIFTING CAPACITY EC480DHR

At the arm end without bucket. For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick fit from the following values.

EC480DHR with hydraulically retractable undercarriage


	Lifting Point	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		Maximum reach			
		m	kg		kg		kg		kg		kg		kg		kg		kg	kg	m
			kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg				
Boom 7 m	9.0									*11 080	*11 080					*10 120	*10 120	7.63	
	7.5									*11 130	*11 130					*9 600	*9 600	8.72	
	6.0									*11 830	*11 830	*11 190	11 050			*9 460	*9 460	9.46	
	Arm 3.35 m	4.5					*20 300	*20 300	*15 390	*15 390	*13 010	*13 010	*11 700	10 800			*9 590	9 210	9.91
		3.0					*24 810	*24 810	*17 830	*17 830	*14 340	13 780	*12 410	10 480			*10 000	8 730	10.12
	Shoe 900 mm	1.5					*17 150	*17 150	*19 760	18 270	*15 520	13 240	*13 070	10 180			*10 710	8 590	10.09
		0.0					*21 110	*21 110	*20 770	17 730	*16 270	12 870	12 990	9 960			11 420	8 790	9.84
	Counterweight 8 900 kg	-1.5			*15 750	*15 750	*27 700	*27 700	*20 800	17 510	*16 380	12 690	12 900	9 880			12 250	9 400	9.34
-3.0				*25 640	*25 640	*25 800	*25 800	*19 790	17 560	*15 580	12 720					*13 030	10 680	8.55	
-4.5				*29 470	*29 470	*22 340	*22 340	*17 280	*17 280							*13 220	*13 220	7.37	
Boom 7 m	9.0															*8 110	*8 110	8.27	
	7.5												*9 580	*9 580			*7 740	*7 740	9.29
	6.0									*11 040	*11 040	*10 490	*10 490			*7 650	*7 650	9.98	
	4.5							*14 330	*14 330	*12 290	*12 290	*11 120	10 950			*7 770	*7 770	10.41	
	Arm 3.9 m	3.0					*23 470	*23 470	*16 900	*16 900	*13 730	*13 730	*11 930	10 600	*9 200	8 310	*8 080	*8 080	10.61
		1.5					*22 510	*22 510	*19 090	18 520	*15 050	13 380	*12 710	10 260	*9 670	8 140	*8 620	8 030	10.59
	Shoe 900 mm	0.0			*8 700	*8 700	*22 800	*22 800	*20 440	17 850	*16 000	12 940	13 020	9 990			*9 490	8 180	10.35
		-1.5	*11 300	*11 300	*15 450	*15 450	*28 190	27 690	*20 850	17 520	*16 370	12 680	12 860	9 830			*10 850	8 670	9.87
Counterweight 8 900 kg	-3.0	*17 780	*17 780	*23 100	*23 100	*26 800	*26 800	*20 260	17 470	*15 960	12 630	*12 690	9 860			*12 400	9 680	9.13	
	-4.5			*32 840	*32 840	*23 980	*23 980	*18 390	17 690	*14 230	12 830					*12 770	11 710	8.03	
	-6.0					*18 810	*18 810	*14 060	*14 060							*12 700	*12 700	6.41	
Boom 7.5 m	12.0															*14 470	*14 470	4.90	
	10.5															*11 280	*11 280	7.16	
	9.0							*15 070	*15 070							*10 000	*10 000	8.60	
	7.5							*14 790	*14 790	*13 390	*13 390					*9 370	*9 370	9.58	
	Arm 3.35 m	6.0					*21 650	*21 650	*16 930	*16 930	*14 250	*14 250	*12 530	10 710			*9 080	8 570	10.25
		4.5							*18 730	*18 730	*15 140	13 760	*12 920	10 420	10 540	8 150	*9 030	7 930	10.67
	Shoe 900 mm	3.0							*20 230	18 220	*15 930	13 180	13 140	10 100	10 410	8 020	*9 200	7 610	10.86
		1.5							*20 780	17 480	*16 320	12 720	12 850	9 840	10 280	7 900	*9 580	7 550	10.84
Counterweight 8 900 kg	0.0							*20 190	17 150	*16 070	12 450	12 680	9 670	10 230	7 850	*10 100	7 760	10.61	
	-1.5					*18 150	*18 150	*18 590	17 110	*15 040	12 370	*12 080	9 630			*9 480	8 280	10.15	
	-3.0					*18 580	*18 580	*15 930	*15 930	*12 980	12 480	*9 830	9 790			*8 470	*8 470	9.42	
Boom 7.5 m	12.0															*10 720	*10 720	5.98	
	10.5															*8 820	*8 820	7.94	
	9.0									*12 640	*12 640	*9 880	*9 880			*7 960	*7 960	9.25	
	7.5							*12 560	*12 560	*12 940	*12 940	*11 800	11 070			*7 510	*7 510	10.17	
	Arm 3.9 m	6.0					*15 010	*15 010	*15 290	*15 290	*13 680	*13 680	*12 110	10 860	*10 060	8 370	*7 310	*7 310	10.80
		4.5							*17 970	*17 970	*14 660	13 970	*12 590	10 540	10 650	8 240	*7 280	*7 280	11.20
	Shoe 900 mm	3.0							*19 710	18 540	*15 600	13 350	*13 050	10 190	10 460	8 070	*7 410	7 100	11.38
		1.5							*20 650	17 670	*16 180	12 820	12 910	9 880	10 290	7 900	*7 710	7 040	11.36
Counterweight 8 900 kg	0.0					*12 220	*12 220	*20 510	17 190	*16 190	12 480	12 680	9 670	10 180	7 800	*8 190	7 210	11.14	
	-1.5					*18 170	*18 170	*19 320	17 050	*15 460	12 330	*12 520	9 570	*9 710	7 810	*8 970	7 640	10.70	
	-3.0					*20 760	*20 760	*17 080	*17 080	*13 820	12 370	*10 900	9 640			*8 370	*8 370	10.02	
-4.5							*13 570	*13 570	*10 860	*10 860								9.04	
Boom 7 m	9.0															*10 120	*10 120	7.63	
	7.5									*11 130	*11 130					*9 600	*9 600	8.72	
	6.0									*11 830	*11 830	*11 190	10 950			*9 460	*9 460	9.46	
	Arm 3.35 m	4.5					*20 300	*20 300	*15 390	*15 390	*13 010	*13 010	*11 700	10 700			*9 590	9 120	9.91
		3.0					*24 810	*24 810	*17 830	*17 830	*14 340	13 650	*12 410	10 380			*10 000	8 640	10.12
	Shoe 800 mm	1.5					*17 150	*17 150	*19 760	18 090	*15 520	13 110	*13 070	10 080			*10 710	8 500	10.09
		0.0					*21 110	*21 110	*20 770	17 550	*16 270	12 740	12 850	9 860			11 310	8 700	9.84
	Counterweight 8 900 kg	-1.5			*15 750	*15 750	*27 700	27 480	*20 800	17 330	*16 380	12 560	12 760	9 770			12 130	9 300	9.34
-3.0				*25 640	*25 640	*25 800	*25 800	*19 790	17 380	*15 580	12 590					*13 030	10 570	8.55	
-4.5				*29 470	*29 470	*22 340	*22 340	*17 280	*17 280							*13 220	*13 220	7.37	
Boom 7 m	9.0															*8 110	*8 110	8.27	
	7.5												*9 580	*9 580			*7 740	*7 740	9.29
	6.0									*11 040	*11 040	*10 490	*10 490			*7 650	*7 650	9.98	
	4.5							*14 330	*14 330	*12 290	*12 290	*11 120	10 850			*7 770	*7 770	10.41	
	Arm 3.9 m	3.0					*23 470	*23 470	*16 900	*16 900	*13 730	*13 730	*11 930	10 500	*9 200	8 220	*8 080	*8 080	10.61
		1.5					*22 510	*22 510	*19 090	18 340	*15 050	13 250	*12 710	10 150	*9 670	8 050	*8 620	7 950	10.59
	Shoe 800 mm	0.0			*8 700	*8 700	*22 800	*22 800	*20 440	17 670	*16 000	12 810	12 880	9 880			*9 490	8 090	10.35
		-1.5	*11 300	*11 300	*15 450	*15 450	*28 190	27 420	*20 850	17 340	*16 370	12 550	12 720	9 730			*10 850	8 580	9.87
Counterweight 8 900 kg	-3.0	*17 780	*17 780	*23 100	*23 100	*26 800	*26 800	*20 260	17 290	*15 960	12 500	*12 690	9 750			*12 400	9 580	9.13	
	-4.5			*32 840	*32 840	*23 980	*23 980	*18 390	17 510	*14 230	12 690					*12 770	11 590	8.03	
	-6.0					*18 810	*18 810	*14 060	*14 060							*12 700	*12 700	6.41	

- Notes:
1. The above loads are in compliance with SAE and ISO Hydraulic Excavator Lift Capacity Standards.
 2. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load.
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LIFTING CAPACITY EC480DHR

At the arm end without bucket. For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick fit from the following values.

EC480DHR with hydraulically retractable undercarriage


 Across undercarriage Along undercarriage	Lifting Point	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		Maximum reach		Max. m			
		m	kg		kg		kg		kg		kg		kg		kg		kg				
			kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg		kg		
Boom 7.5 m	12.0																*14 470	*14 470	4.90		
	10.5							*15 070	*15 070									*11 280	*11 280	7.16	
	9.0							*14 790	*14 790	*13 390	*13 390							*10 000	*10 000	8.60	
	7.5							*15 440	*15 440	*13 580	*13 580	*12 350	10 770					*9 370	*9 370	9.58	
	Arm 3.35 m	6.0					*21 650	*21 650	*16 930	*16 930	*14 250	14 210	*12 530	10 610					*9 080	8 480	10.25
		4.5							*18 730	*18 730	*15 140	13 630	*12 920	10 320	10 430	8 060			*9 030	7 840	10.67
	Shoe 800 mm	3.0							*20 230	18 040	*15 930	13 050	13 010	10 000	10 300	7 930			*9 200	7 520	10.86
		1.5							*20 780	17 300	*16 320	12 590	12 720	9 730	10 170	7 810			*9 580	7 470	10.84
	Counterweight 8 900 kg	0.0							*20 190	16 970	*16 070	12 310	12 540	9 560	10 130	7 770			10 000	7 670	10.61
		-1.5					*18 150	*18 150	*18 590	16 930	*15 040	12 240	*12 080	9 530					*9 480	8 190	10.15
-3.0						*18 580	*18 580	*15 930	*15 930	*12 980	12 350	*9 830	9 680					*8 470	*8 470	9.42	
Boom 7.5 m	12.0																	*10 720	*10 720	5.98	
	10.5									*11 280	*11 280							*8 820	*8 820	7.94	
	9.0									*12 640	*12 640	*9 880	*9 880					*7 960	*7 960	9.25	
	7.5							*12 560	*12 560	*12 940	*12 940	*11 800	10 970					*7 510	*7 510	10.17	
	Arm 3.9 m	6.0					*15 010	*15 010	*15 290	*15 290	*13 680	*13 680	*12 110	10 760	*10 060	8 280			*7 310	*7 310	10.80
		4.5							*17 970	*17 970	*14 660	13 840	*12 590	10 440	10 540	8 160			*7 280	*7 280	11.20
	Shoe 800 mm	3.0							*19 710	18 370	*15 600	13 220	*13 050	10 090	10 350	7 980			*7 410	7 020	11.38
		1.5							*20 650	17 490	*16 180	12 690	12 770	9 780	10 180	7 820			*7 710	6 960	11.36
	Counterweight 8 900 kg	0.0					*12 220	*12 220	*20 510	17 010	*16 190	12 340	12 540	9 560	10 070	7 710			*8 190	7 130	11.14
		-1.5					*18 170	*18 170	*19 320	16 870	*15 460	12 200	12 450	9 470	*9 710	7 720			*8 970	7 550	10.70
-3.0						*20 760	*20 760	*17 080	16 980	*13 820	12 240	*10 900	9 530					*8 370	8 360	10.02	
	-4.5							*13 570	*13 570	*10 860	*10 860									9.04	
Boom 7 m	9.0									*11 080	*11 080							*10 120	*10 120	7.63	
	7.5									*11 130	*11 130							*9 600	*9 600	8.72	
	6.0									*11 830	*11 830	*11 190	10 850					*9 460	*9 460	9.46	
	Arm 3.35 m	4.5					*20 300	*20 300	*15 390	*15 390	*13 010	*13 010	*11 700	10 600					*9 590	9 030	9.91
		3.0					*24 810	*24 810	*17 830	*17 830	*14 340	13 530	*12 410	10 280					*10 000	8 560	10.12
	Shoe 700 mm	1.5					*17 150	*17 150	*19 760	17 930	*15 520	12 990	12 950	9 980					*10 710	8 420	10.09
		0.0					*21 110	*21 110	*20 770	17 380	*16 270	12 620	12 720	9 760					11 180	8 610	9.84
	Counterweight 8 900 kg	-1.5	*11 300	*11 300	*15 750	*15 750	*27 700	27 230	*20 800	17 170	*16 380	12 440	12 620	9 680					11 990	9 210	9.34
		-3.0	*17 780	*17 780	*23 100	*23 100	*26 800	*26 800	*20 260	17 120	*15 960	12 380	12 610	9 660					*13 030	10 460	8.55
		-4.5			*29 470	*29 470	*22 340	*22 340	*17 280	*17 280									*13 220	13 120	7.37
Boom 7 m	9.0																	*8 110	*8 110	8.27	
	7.5											*9 580	*9 580					*7 740	*7 740	9.29	
	6.0									*11 040	*11 040	*10 490	*10 490					*7 650	*7 650	9.98	
	4.5							*14 330	*14 330	*12 290	*12 290	*11 120	10 750					*7 770	*7 770	10.41	
	Arm 3.9 m	3.0					*23 470	*23 470	*16 900	*16 900	*13 730	13 720	*11 930	10 400	*9 200	8 140			*8 080	8 010	10.61
		1.5					*22 510	*22 510	*19 090	18 180	*15 050	13 130	*12 710	10 060	*9 670	7 970			*8 620	7 870	10.59
	Shoe 700 mm	0.0			*8 700	*8 700	*22 800	*22 800	*20 440	17 500	*16 000	12 690	12 740	9 790					*9 490	8 010	10.35
		-1.5	*11 300	*11 300	*15 450	*15 450	*28 190	27 160	*20 850	17 170	*16 370	12 430	12 580	9 630					*10 850	8 490	9.87
	Counterweight 8 900 kg	-3.0	*17 780	*17 780	*23 100	*23 100	*26 800	*26 800	*20 260	17 120	*15 960	12 380	12 610	9 660					12 370	9 490	9.13
		-4.5			*32 840	*32 840	*23 980	*23 980	*18 390	17 340	*14 230	12 570							*12 770	11 480	8.03
	-6.0					*18 810	*18 810	*14 060	*14 060									*12 700	*12 700	6.41	
Boom 7.5 m	12.0																	*14 470	*14 470	4.90	
	10.5							*15 070	*15 070									*11 280	*11 280	7.16	
	9.0							*14 790	*14 790	*13 390	*13 390							*10 000	*10 000	8.60	
	7.5							*15 440	*15 440	*13 580	*13 580	*12 350	10 670					*9 370	*9 370	9.58	
	Arm 3.35 m	6.0					*21 650	*21 650	*16 930	*16 930	*14 250	14 090	*12 530	10 510					*9 080	8 400	10.25
		4.5							*18 730	*18 730	*15 140	13 510	*12 920	10 220	10 320	7 980			*9 030	7 760	10.67
	Shoe 700 mm	3.0							*20 230	17 870	*15 930	12 930	12 870	9 900	10 190	7 850			*9 200	7 450	10.86
		1.5							*20 780	17 130	*16 320	12 470	12 580	9 640	10 060	7 730			*9 580	7 390	10.84
	Counterweight 8 900 kg	0.0							*20 190	16 800	*16 070	12 190	12 400	9 470	10 010	7 690			9 880	7 590	10.61
		-1.5					*18 150	*18 150	*18 590	16 770	*15 040	12 110	*12 080	9 430					*9 480	8 110	10.15
-3.0						*18 580	*18 580	*15 930	*15 930	*12 980	12 230	*9 830	9 590					*8 470	*8 470	9.42	

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At the arm end without bucket. For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick fit from the following values.

EC480DHR with hydraulically retractable undercarriage

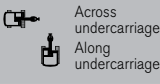
 Across undercarriage Along undercarriage	Lifting Point m	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		Maximum reach			
		kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	Max.
		kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	m
Boom 7.5 m	12.0																*10 720	*10 720	5.98
	10.5									*11 280	*11 280						*8 820	*8 820	7.94
	9.0									*12 640	*12 640	*9 880	*9 880				*7 960	*7 960	9.25
	7.5							*12 560	*12 560	*12 940	*12 940	*11 800	10 870				*7 510	*7 510	10.17
	6.0					*15 010	*15 010	*15 290	*15 290	*13 680	*13 680	*12 110	10 660	*10 060	8 200		*7 310	*7 310	10.80
	4.5							*17 970	*17 970	*14 660	13 720	*12 590	10 340	10 420	8 080		*7 280	7 230	11.20
	3.0							*19 710	18 200	*15 600	13 090	12 960	9 990	10 240	7 900		*7 410	6 950	11.38
	1.5							*20 650	17 320	*16 180	12 570	12 640	9 680	10 070	7 740		*7 710	6 890	11.36
	0.0					*12 220	*12 220	*20 510	16 850	*16 190	12 220	12 410	9 470	9 960	7 630		*8 190	7 050	11.14
	-1.5					*18 170	*18 170	*19 320	16 710	*15 460	12 070	12 310	9 370	*9 710	7 640		*8 970	7 480	10.70
-3.0					*20 760	*20 760	*17 080	16 810	*13 820	12 120	*10 900	9 440				*8 370	8 280	10.02	
-4.5							*13 570	*13 570	*10 860	*10 860									9.04
Boom 7 m	9.0									*11 080	*11 080						*10 120	*10 120	7.63
	7.5									*11 130	*11 130						*9 600	*9 600	8.72
	6.0									*11 830	*11 830	*11 190	10 770				*9 460	*9 460	9.46
	4.5					*20 300	*20 300	*15 390	*15 390	*13 010	*13 010	*11 700	10 520				*9 590	8 960	9.91
	3.0					*24 810	*24 810	*17 830	*17 830	*14 340	13 420	*12 410	10 200				*10 000	8 490	10.12
	1.5					*17 150	*17 150	*19 760	17 790	*15 520	12 890	12 840	9 900				*10 710	8 350	10.09
	0.0					*21 110	*21 110	*20 770	17 240	*16 270	12 510	12 610	9 680				11 090	8 540	9.84
	-1.5			*15 750	*15 750	*27 700	27 010	*20 800	17 030	16 280	12 330	12 520	9 590				11 890	9 130	9.34
	-3.0			*25 640	*25 640	*25 800	*25 800	*19 790	17 080	*15 580	12 360						*13 030	10 380	8.55
	-4.5			*29 470	*29 470	*22 340	*22 340	*17 280	*17 280								*13 220	13 010	7.37
Boom 7 m	9.0											*9 580	*9 580				*8 110	*8 110	8.27
	7.5																*7 740	*7 740	9.29
	6.0									*11 040	*11 040	*10 490	*10 490				*7 650	*7 650	9.98
	4.5							*14 330	*14 330	*12 290	*12 290	*11 120	10 670				*7 770	*7 770	10.41
	3.0					*23 470	*23 470	*16 900	*16 900	*13 730	13 610	*11 930	10 320	*9 200	8 070		*8 080	7 940	10.61
	1.5					*22 510	*22 510	*19 090	18 040	*15 050	13 030	*12 710	9 980	*9 670	7 900		*8 620	7 800	10.59
	0.0			*8 700	*8 700	*22 800	*22 800	*20 440	17 360	*16 000	12 580	12 640	9 700				*9 490	7 940	10.35
	-1.5	*11 300	*11 300	*15 450	*15 450	*28 190	26 940	*20 850	17 030	16 280	12 330	12 480	9 550				*10 850	8 420	9.87
	-3.0	*17 780	*17 780	*23 100	*23 100	*26 800	*26 800	*20 260	16 980	*15 960	12 270	12 500	9 580				12 270	9 410	9.13
	-4.5			*32 840	*32 840	*23 980	*23 980	*18 390	17 200	*14 230	12 470						*12 770	11 390	8.03
-6.0					*18 810	*18 810	*14 060	*14 060								*12 700	*12 700	6.41	
Boom 7.5 m	12.0																*14 470	*14 470	4.90
	10.5							*15 070	*15 070								*11 280	*11 280	7.16
	9.0							*14 790	*14 790	*13 390	*13 390						*10 000	*10 000	8.60
	7.5							*15 440	*15 440	*13 580	*13 580	*12 350	10 590				*9 370	*9 370	9.58
	6.0					*21 650	*21 650	*16 930	*16 930	*14 250	13 990	*12 530	10 430				*9 080	8 330	10.25
	4.5							*18 730	*18 730	*15 140	13 410	*12 920	10 140	10 230	7 910		*9 030	7 700	10.67
	3.0							*20 230	17 730	*15 930	12 830	12 760	9 820	10 100	7 780		*9 200	7 380	10.86
	1.5							*20 780	17 000	16 320	12 370	12 480	9 550	9 970	7 660		*9 530	7 330	10.84
	0.0							*20 190	16 660	16 020	12 090	12 300	9 380	9 930	7 620		9 800	7 530	10.61
	-1.5					*18 150	*18 150	*18 590	16 630	*15 040	12 010	*12 080	9 350				*9 480	8 040	10.15
-3.0					*18 580	*18 580	*15 930	*15 930	*12 980	12 120	*9 830	9 500				*8 470	*8 470	9.42	
Boom 7.5 m	12.0																*10 720	*10 720	5.98
	10.5									*11 280	*11 280						*8 820	*8 820	7.94
	9.0									*12 640	*12 640	*9 880	*9 880				*7 960	*7 960	9.25
	7.5							*12 560	*12 560	*12 940	*12 940	*11 800	10 790				*7 510	*7 510	10.17
	6.0					*15 010	*15 010	*15 290	*15 290	*13 680	*13 680	*12 110	10 580	*10 060	8 130		*7 310	*7 310	10.80
	4.5							*17 970	*17 970	*14 660	13 620	*12 590	10 260	10 340	8 010		*7 280	7 170	11.20
	3.0							*19 710	18 060	*15 600	12 990	12 860	9 910	10 150	7 830		*7 410	6 890	11.38
	1.5							*20 650	17 180	*16 180	12 470	12 530	9 600	9 980	7 670		*7 710	6 830	11.36
	0.0					*12 220	*12 220	*20 510	16 710	16 060	12 120	12 300	9 380	9 870	7 570		*8 190	6 990	11.14
	-1.5					*18 170	*18 170	*19 320	16 570	*15 460	11 970	12 200	9 290	*9 710	7 580		*8 970	7 410	10.70
-3.0					*20 760	*20 760	*17 080	16 670	*13 820	12 010	*10 900	9 360				*8 370	8 210	10.02	
-4.5							*13 570	*13 570	*10 860	*10 860									9.04

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

LIFTING CAPACITY EC700CHR

At the arm end without bucket. For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick fit from the following values.

EC700CHR with mechanically retractable undercarriage


	Lifting Point	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		Maximum reach				
		m	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	Max. m	
																				kg
Boom 7.7 m	9.0									*17 410	*17 410						*15 930	*15 930	8.10	
	7.5									*17 690	*17 690	*16 290	13 630				*15 300	13 320	9.10	
	6.0					*29 310	*29 310	*22 320	*22 320	*18 670	18 140	*16 500	13 360				*15 170	11 470	9.77	
	Arm 2.9 m	4.5							*24 860	23 920	*19 940	17 090	*17 060	12 830				15 210	10 380	10.18
		3.0							*26 880	22 030	*21 070	16 060	*17 610	12 260				14 480	9 800	10.35
	Shoe 900 mm	1.5							*27 560	20 870	*21 680	15 260	17 580	11 770				14 320	9 620	10.31
		0.0							*26 930	20 360	*21 510	14 780	17 230	11 450				14 730	9 850	10.04
Counterweight 10 250 kg	-1.5					*30 170	*30 170	*25 180	20 270	*20 410	14 610	*16 450	11 370				*14 980	10 570	9.52	
	-3.0			*26 970	*26 970	*26 280	*26 280	*22 210	20 530	*18 020	14 760						*14 330	12 100	8.72	
	-4.5					*20 300	*20 300	*17 320	*17 320	*12 920	*12 920						*12 740	*12 740	7.54	
Boom 7.7 m	9.0									*17 230	*17 230						*15 680	*15 680	8.10	
	7.5									*17 510	*17 510	*16 120	13 480				*15 050	13 170	9.10	
	6.0					*29 170	*29 170	*22 160	*22 160	*18 500	17 990	*16 330	13 200				*14 920	11 310	9.77	
	Arm 3.55 m	4.5							*24 730	23 800	*19 780	16 950	*16 890	12 680				15 060	10 230	10.18
		3.0							*26 760	21 940	*20 920	15 930	*17 450	12 110				14 330	9 650	10.35
	Shoe 900 mm	1.5							*27 460	20 790	*21 540	15 140	17 440	11 630				14 170	9 470	10.31
		0.0							*26 830	20 280	*21 380	14 660	17 090	11 310				14 580	9 700	10.04
Counterweight 10 250 kg	-1.5					*30 110	*30 110	*25 080	20 190	*20 280	14 490	*16 300	11 230				*14 810	10 430	9.52	
	-3.0			*26 940	*26 940	*26 200	*26 200	*22 100	20 440	*17 880	14 640						*14 170	11 960	8.72	
	-4.5					*20 210	*20 210	*17 190	*17 190	*12 770	*12 770						*12 580	*12 580	7.54	
Boom 7.7 m	9.0									*16 920	*16 920						*15 340	*15 340	8.10	
	7.5									*17 200	*17 200	*15 820	13 210				*14 700	12 900	9.10	
	6.0					*28 860	*28 860	*21 840	*21 840	*18 190	17 710	*16 020	12 930				*14 560	11 050	9.77	
	Arm 4.2 m	4.5							*24 430	23 530	*19 470	16 680	*16 590	12 410				14 790	9 960	10.18
		3.0							*26 480	21 690	*20 620	15 670	*17 140	11 840				14 060	9 380	10.35
	Shoe 900 mm	1.5							*27 180	20 550	*21 240	14 880	17 170	11 360				13 900	9 210	10.31
		0.0							*26 550	20 050	*21 090	14 400	16 820	11 050				14 310	9 430	10.04
Counterweight 10 250 kg	-1.5					*29 860	*29 860	*24 800	19 950	*19 980	14 230	*15 990	10 960				*14 510	10 160	9.52	
	-3.0			*26 740	*26 740	*25 950	*25 950	*21 810	20 190	*17 580	14 380						*13 870	11 690	8.72	
	-4.5					*19 930	*19 930	*16 900	*16 900	*12 460	*12 460						*12 270	*12 270	7.54	
Boom 8.3 m	12.0																		5.90	
	10.5									*20 250	18 520								7.82	
	9.0							*23 280	*23 280	*19 970	18 600	*17 660	13 190				*16 450	12 860	9.10	
	7.5					*29 180	*29 180	*24 610	*24 610	*20 390	17 990	*17 560	13 140				*15 600	10 700	10.00	
	Arm 2.9 m	6.0							*26 210	24 120	*21 070	17 020	*17 760	12 690	14 250	9 660	13 950	9 440	10.62	
		4.5									*21 650	15 940	*17 920	12 110	14 020	9 440	12 970	8 700	10.99	
	Shoe 900 mm	3.0							*26 480	21 690	*20 620	15 670	*17 140	11 840				14 060	9 380	10.35
1.5								*27 180	20 550	*21 240	14 880	17 170	11 360				13 900	9 210	10.31	
Counterweight 10 250 kg	0.0							*26 550	20 050	*21 090	14 400	16 820	11 050				14 310	9 430	10.04	
	-1.5					*29 860	*29 860	*24 800	19 950	*19 980	14 230	*15 990	10 960				*14 510	10 160	9.52	
	-3.0			*26 740	*26 740	*25 950	*25 950	*21 810	20 190	*17 580	14 380						*13 870	11 690	8.72	
-4.5					*19 930	*19 930	*16 900	*16 900	*12 460	*12 460							*12 270	*12 270	7.54	
Boom 8.3 m	12.0																		5.90	
	10.5									*20 070	18 360								7.82	
	9.0							*23 030	*23 030	*19 790	18 430	*17 490	13 040				*17 880	16 820	9.10	
	7.5					*28 930	*28 930	*24 440	*24 440	*20 210	17 830	*17 390	12 980				*15 350	10 550	10.00	
	Arm 3.55 m	6.0							*26 070	23 990	*20 910	16 880	*17 590	12 540	14 090	9 510	13 800	9 290	10.62	
		4.5									*21 500	15 810	*17 760	11 970	13 870	9 290	12 820	8 550	10.99	
	Shoe 900 mm	3.0									*21 560	14 880	17 210	11 430	13 580	8 020	12 350	8 190	11.15	
1.5										*20 760	14 260	16 770	11 020	13 350	8 910	*12 140	8 130	11.11		
Counterweight 10 250 kg	0.0									*19 020	13 970	*15 660	10 800	*12 220	8 730	*10 960	8 380	10.86		
	-1.5							*18 310	*18 310	*16 310	13 980	*13 360	10 800				*9 390	9 020	10.38	
	-3.0					*10 900	*10 900	*13 650	*13 650	*12 430	*12 430	*9 550	*9 550				*7 080	*7 080	9.66	
-4.5							*7 520	*7 520	*6 710	*6 710								8.61		
Boom 8.3 m	12.0																		5.90	
	10.5									*19 770	18 100								7.82	
	9.0							*22 650	*22 650	*19 480	18 160	*17 190	12 780				*15 860	12 440	9.10	
	7.5					*28 450	*28 450	*24 120	*24 120	*19 900	17 550	*17 080	12 710				*15 000	10 290	10.00	
	6.0							*25 760	23 710	*20 600	16 600	*17 280	12 270	13 830	9 240	13 530	9 030	10.62		
	Arm 4.2 m	4.5									*21 200	15 540	*17 450	11 700	13 600	9 030	12 550	8 290	10.99	
		3.0									*21 260	14 620	16 950	11 160	13 310	8 760	12 080	7 920	11.15	
Shoe 900 mm	1.5									*20 470	14 000	16 500	10 750	13 080	8 540	*11 840	7 860	11.11		
	0.0									*18 740	13 720	*15 360	10 530	*11 910	8 460	*10 660	8 120	10.86		
Counterweight 10 250 kg	-1.5							*18 050	*18 050	*16 020	13 730	*13 060	10 530				*9 080	8 760	10.38	
	-3.0					*10 660	*10 660	*13 380	*13 380	*12 130	*12 130	*9 250	*9 250				*6 780	*6 780	9.66	
	-4.5							*7 230	*7 230	*6 410	*6 410								8.61	
-4.5								*7 230	*7 230	*6 410	*6 410								8.61	

Notes: 1. The above loads are in compliance with SAE and ISO Hydraulic Excavator Lift Capacity Standards.
 2. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load.
 3. Rated loads marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.
 4. Counterweight weight: include support and mounting parts weight 500 kg.

LIFTING CAPACITY EC700CHR

At the arm end without bucket. For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick fit from the following values.

EC700CHR with mechanically retractable undercarriage

 Across undercarriage Along undercarriage	Lifting Point m	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		Maximum reach		Max. m		
		kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg			
		kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg			
Boom 7.7 m	9.0									*17 410	*17 410						*15 930	*15 930	8.10	
	7.5									*17 690	*17 690	*16 290	13 440				*15 300	13 130	9.10	
	6.0					*29 310	*29 310	*22 320	*22 320	*18 670	17 900	*16 500	13 160				*15 170	11 290	9.77	
	Arm 2.9 m	4.5							*24 860	23 580	*19 940	16 840	*17 060	12 630				14 970	10 210	10.18
		3.0							*26 880	21 700	*21 070	15 810	*17 610	12 060				14 250	9 630	10.35
	Shoe 750 mm	1.5							*27 560	20 530	*21 680	15 010	17 300	11 570				14 090	9 460	10.31
		0.0							*26 930	20 020	*21 510	14 530	16 950	11 250				14 490	9 680	10.04
	Counterweight 10 250 kg	-1.5					*30 170	*30 170	*25 180	19 940	*20 410	14 360	*16 450	11 170				*14 980	10 390	9.52
-3.0				*26 970	*26 970	*26 280	*26 280	*22 210	20 190	*18 020	14 510						*14 330	11 900	8.72	
-4.5						*20 300	*20 300	*17 320	*17 320	*12 920	*12 920						*12 740	*12 740	7.54	
Boom 7.7 m	9.0									*17 230	*17 230						*15 680	*15 680	8.10	
	7.5									*17 510	*17 510	*16 120	13 280				*15 050	12 970	9.10	
	6.0					*29 170	*29 170	*22 160	*22 160	*18 500	17 740	*16 330	13 010				*14 920	11 140	9.77	
	Arm 3.55 m	4.5							*24 730	23 460	*19 780	16 700	*16 890	12 480				14 820	10 060	10.18
		3.0							*26 760	21 610	*20 920	15 690	*17 450	11 920				14 100	9 490	10.35
	Shoe 750 mm	1.5							*27 460	20 450	*21 540	14 890	17 160	11 430				13 940	9 310	10.31
		0.0							*26 830	19 940	*21 380	14 410	16 810	11 120				14 340	9 530	10.04
	Counterweight 10 250 kg	-1.5					*30 110	*30 110	*25 080	19 860	*20 280	14 240	*16 300	11 030				*14 810	10 250	9.52
-3.0				*26 940	*26 940	*26 200	*26 200	*22 100	20 100	*17 880	14 390						*14 170	11 760	8.72	
-4.5						*20 210	*20 210	*17 190	*17 190	*12 770	*12 770						*12 580	*12 580	7.54	
Boom 7.7 m	9.0									*16 920	*16 920						*15 340	*15 340	8.10	
	7.5									*17 200	*17 200	*15 820	13 010				*14 700	12 710	9.10	
	6.0					*28 860	*28 860	*21 840	*21 840	*18 190	17 460	*16 020	12 730				*14 560	10 870	9.77	
	Arm 4.2 m	4.5							*24 430	23 190	*19 470	16 430	*16 590	12 210				14 550	9 800	10.18
		3.0							*26 480	21 360	*20 620	15 420	*17 140	11 650				13 830	9 220	10.35
	Shoe 750 mm	1.5							*27 180	20 220	*21 240	14 630	16 890	11 170				13 670	9 040	10.31
		0.0							*26 550	19 710	*21 090	14 160	16 540	10 850				14 070	9 260	10.04
	Counterweight 10 250 kg	-1.5					*29 860	*29 860	*24 800	19 620	*19 980	13 990	*15 990	10 760				*14 510	9 980	9.52
-3.0				*26 740	*26 740	*25 950	*25 950	*21 810	19 850	*17 580	14 130						*13 870	11 490	8.72	
-4.5						*19 930	*19 930	*16 900	*16 900	*12 460	*12 460						*12 270	*12 270	7.54	
Boom 8.3 m	12.0																*21 790	*21 790	5.90	
	10.5									*20 250	18 280						*18 130	16 750	7.82	
	9.0							*23 280	*23 280	*19 970	18 350	*17 660	13 000				*16 450	12 660	9.10	
	7.5					*29 180	*29 180	*24 610	*24 610	*20 390	17 740	*17 560	12 940				15 420	10 530	10.00	
	Arm 2.9 m	6.0							*26 210	23 780	*21 070	16 780	*17 760	12 490	14 020	9 490	13 720	9 280	10.62	
		4.5									*21 650	15 690	17 670	11 920	13 790	9 280	12 750	8 550	10.99	
	Shoe 750 mm	3.0									*21 690	14 750	17 070	11 360	13 490	9 000	12 290	8 180	11.15	
		1.5									*20 890	14 110	16 620	10 950	13 260	8 790	12 240	8 120	11.11	
Counterweight 10 250 kg	0.0									*19 150	13 830	*15 810	10 730	*12 380	8 710	*11 130	8 370	10.86		
	-1.5							*18 410	*18 410	*16 430	13 840	*13 510	10 730				*9 550	9 000	10.38	
	-3.0					*10 970	*10 970	*13 750	*13 750	*12 560	*12 560	*9 710	*9 710				*7 240	*7 240	9.66	
-4.5							*7 630	*7 630	*6 850	*6 850									8.61	
Boom 8.3 m	12.0																*21 540	*21 540	5.90	
	10.5									*20 070	18 110						*17 880	16 590	7.82	
	9.0							*23 030	*23 030	*19 790	18 190	*17 490	12 840				*16 200	12 510	9.10	
	7.5					*28 930	*28 930	*24 440	*24 440	*20 210	17 580	*17 390	12 790				15 270	10 370	10.00	
	Arm 3.55 m	6.0							*26 070	23 650	*20 910	16 630	*17 590	12 340	13 870	9 340	13 570	9 130	10.62	
		4.5									*21 500	15 560	17 520	11 770	13 640	9 130	12 600	8 400	10.99	
	Shoe 750 mm	3.0									*21 560	14 630	16 940	11 230	13 350	8 860	12 140	8 030	11.15	
		1.5									*20 760	14 010	16 490	10 820	13 120	8 650	12 090	7 970	11.11	
Counterweight 10 250 kg	0.0									*19 020	13 730	*15 660	10 600	*12 220	8 570	*10 960	8 230	10.86		
	-1.5							*18 310	*18 310	*16 310	13 730	*13 360	10 600				*9 390	8 860	10.38	
	-3.0					*10 900	*10 900	*13 650	*13 650	*12 430	*12 430	*9 550	*9 550				*7 080	*7 080	9.66	
-4.5							*7 520	*7 520	*6 710	*6 710									8.61	
Boom 8.3 m	12.0									*19 770	17 850						*21 230	*21 230	5.90	
	10.5																*17 550	16 330	7.82	
	9.0							*22 650	*22 650	*19 480	17 910	*17 190	12 580				*15 860	12 250	9.10	
	7.5					*28 450	*28 450	*24 120	*24 120	*19 900	17 300	*17 080	12 520				*15 000	10 110	10.00	
	Arm 4.2 m	6.0							*25 760	23 380	*20 600	16 360	*17 280	12 070	13 600	9 080	13 310	8 870	10.62	
		4.5									*21 200	15 300	17 250	11 500	13 370	8 860	12 340	8 140	10.99	
	Shoe 750 mm	3.0									*21 260	14 370	16 670	10 960	13 080	8 590	11 870	7 770	11.15	
		1.5									*20 470	13 760	16 220	10 560	12 850	8 380	11 830	7 710	11.11	
Counterweight 10 250 kg	0.0									*18 740	13 480	*15 360	10 340	*11 910	8 300	*10 660	7 960	10.86		
	-1.5							*18 050	*18 050	*16 020	13 480	*13 060	10 340				*9 080	8 590	10.38	
	-3.0					*10 660	*10 660	*13 380	*13 380	*12 130	*12 130	*9 250	*9 250				*6 780	*6 780	9.66	
-4.5							*7 230	*7 230	*6 410	*6 410									8.61	

- Notes:
- The above loads are in compliance with SAE and ISO Hydraulic Excavator Lift Capacity Standards.
 - They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load.
 - Rated loads marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.
 - Counterweight weight: include support and mounting parts weight 500 kg.

LIFTING CAPACITY EC700CHR

At the arm end without bucket. For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick fit from the following values.

EC700CHR with mechanically retractable undercarriage


	Lifting Point	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		Maximum reach		Max. m	
		m	kg		kg		kg		kg		kg		kg		kg		kg		
			kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg		kg
Boom 7.7 m	9.0									*17 410	*17 410					*15 930	*15 930	8.10	
	7.5									*17 690	*17 690	*16 290	13 310			*15 300	13 000	9.10	
	6.0					*29 310	*29 310	*22 320	*22 320	*18 670	17 730	*16 500	13 030			*15 170	11 170	9.77	
	Arm 2.9 m	4.5							*24 860	23 350	*19 940	16 670	*17 060	12 500			14 810	10 100	10.18
		3.0							*26 880	21 470	*21 070	15 640	*17 610	11 930			14 090	9 520	10.35
	Shoe 600 mm	1.5							*27 560	20 300	*21 680	14 840	17 110	11 440			13 930	9 340	10.31
		0.0							*26 930	19 790	*21 510	14 360	16 760	11 120			14 320	9 560	10.04
	Counterweight 10 250 kg	-1.5					*30 170	*30 170	*25 180	19 710	*20 410	14 190	*16 450	11 040			*14 980	10 270	9.52
		-3.0			*26 970	*26 970	*26 280	*26 280	*22 210	19 960	*18 020	14 350					*14 330	11 760	8.72
-4.5						*20 300	*20 300	*17 320	*17 320	*12 920	*12 920					*12 740	*12 740	7.54	
Boom 7.7 m	9.0									*17 230	*17 230					*15 680	*15 680	8.10	
	7.5									*17 510	*17 510	*16 120	13 150			*15 050	12 840	9.10	
	6.0					*29 170	*29 170	*22 160	*22 160	*18 500	17 580	*16 330	12 870			*14 920	11 020	9.77	
	Arm 3.55 m	4.5							*24 730	23 230	*19 780	16 530	*16 890	12 350			14 660	9 950	10.18
		3.0							*26 760	21 380	*20 920	15 520	*17 450	11 790			13 940	9 370	10.35
	Shoe 600 mm	1.5							*27 460	20 230	*21 540	14 730	16 970	11 300			13 780	9 200	10.31
		0.0							*26 830	19 720	*21 380	14 250	16 630	10 990			14 180	9 410	10.04
	Counterweight 10 250 kg	-1.5					*30 110	*30 110	*25 080	19 630	*20 280	14 080	*16 300	10 900			*14 810	10 120	9.52
		-3.0			*26 940	*26 940	*26 200	*26 200	*22 100	19 870	*17 880	14 220					*14 170	11 620	8.72
-4.5						*20 210	*20 210	*17 190	*17 190	*12 770	*12 770					*12 580	*12 580	7.54	
Boom 7.7 m	9.0									*16 920	*16 920					*15 340	*15 340	8.10	
	7.5									*17 200	*17 200	*15 820	12 880			*14 700	12 580	9.10	
	6.0					*28 860	*28 860	*21 840	*21 840	*18 190	17 300	*16 020	12 600			*14 560	10 750	9.77	
	Arm 4.2 m	4.5							*24 430	22 970	*19 470	16 260	*16 590	12 080			14 390	9 680	10.18
		3.0							*26 480	21 130	*20 620	15 250	*17 140	11 520			13 670	9 110	10.35
	Shoe 600 mm	1.5							*27 180	19 990	*21 240	14 470	16 700	11 030			13 510	8 930	10.31
		0.0							*26 550	19 480	*21 090	13 990	16 360	10 720			13 910	9 150	10.04
	Counterweight 10 250 kg	-1.5					*29 860	*29 860	*24 800	19 390	*19 980	13 820	*15 990	10 630			*14 510	9 860	9.52
		-3.0			*26 740	*26 740	*25 950	*25 950	*21 810	19 630	*17 580	13 960					*13 870	11 350	8.72
-4.5						*19 930	*19 930	*16 900	*16 900	*12 460	*12 460					*12 270	*12 270	7.54	
Boom 8.3 m	12.0															*21 790	*21 790	5.90	
	10.5									*20 250	18 110					*18 130	16 590	7.82	
	9.0							*23 280	*23 280	*19 970	18 190	*17 660	12 870			*16 450	12 530	9.10	
	7.5					*29 180	*29 180	*24 610	*24 610	*20 390	17 580	*17 560	12 810			15 260	10 410	10.00	
	Arm 2.9 m	6.0							*26 210	23 560	*21 070	16 610	*17 760	12 360	13 860	9 380	13 570	9 170	10.62
		4.5									*21 650	15 520	17 480	11 780	13 630	9 170	12 610	8 440	10.99
	Shoe 600 mm	3.0									*21 690	14 580	16 880	11 230	13 340	8 900	12 140	8 080	11.15
		1.5									*20 890	13 950	16 430	10 820	13 110	8 680	12 100	8 020	11.11
	Counterweight 10 250 kg	0.0									*19 150	13 660	*15 810	10 590	*12 380	8 600	*11 130	8 270	10.86
-1.5								*18 410	*18 410	*16 430	13 670	*13 510	10 600			*9 550	8 890	10.38	
-3.0						*10 970	*10 970	*13 750	*13 750	*12 560	*12 560	*9 710	*9 710			*7 240	*7 240	9.66	
	-4.5							*7 630	*7 630	*6 850	*6 850							8.61	
Boom 8.3 m	12.0															*21 540	*21 540	5.90	
	10.5									*20 070	17 950					*17 880	16 430	7.82	
	9.0							*23 030	*23 030	*19 790	18 020	*17 490	12 710			*16 200	12 380	9.10	
	7.5					*28 930	*28 930	*24 440	*24 440	*20 210	17 420	*17 390	12 660			15 100	10 260	10.00	
	Arm 3.55 m	6.0							*26 070	23 430	*20 910	16 460	*17 590	12 210	13 710	9 230	13 420	9 020	10.62
		4.5									*21 500	15 400	17 340	11 640	13 480	9 020	12 460	8 300	10.99
	Shoe 600 mm	3.0									*21 560	14 460	16 750	11 100	13 190	8 750	11 990	7 930	11.15
		1.5									*20 760	13 840	16 300	10 690	12 970	8 540	11 950	7 870	11.11
	Counterweight 10 250 kg	0.0									*19 020	13 560	*15 660	10 470	*12 220	8 460	*10 960	8 120	10.86
-1.5								*18 310	*18 310	*16 310	13 560	*13 360	10 470			*9 390	8 750	10.38	
-3.0						*10 900	*10 900	*13 650	*13 650	*12 430	*12 430	*9 550	*9 550			*7 080	*7 080	9.66	
	-4.5							*7 520	*7 520	*6 710	*6 710							8.61	
Boom 8.3 m	12.0									*19 770	17 680					*21 230	*21 230	5.90	
	10.5															*17 550	16 170	7.82	
	9.0							*22 650	*22 650	*19 480	17 740	*17 190	12 450			*15 860	12 120	9.10	
	7.5					*28 450	*28 450	*24 120	*24 120	*19 900	17 140	*17 080	12 390			14 840	10 000	10.00	
	Arm 4.2 m	6.0							*25 760	23 150	*20 600	16 190	*17 280	11 940	13 450	8 970	13 160	8 760	10.62
		4.5									*21 200	15 130	17 060	11 370	13 220	8 760	12 190	8 030	10.99
	Shoe 600 mm	3.0									*21 260	14 200	16 480	10 830	12 930	8 480	11 730	7 670	11.15
		1.5									*20 470	13 590	16 040	10 420	12 700	8 270	11 680	7 610	11.11
	Counterweight 10 250 kg	0.0									*18 740	13 310	*15 360	10 210	*11 910	8 190	*10 660	7 860	10.86
-1.5								*18 050	*18 050	*16 020	13 310	*13 060	10 200			*9 080	8 480	10.38	
-3.0						*10 660	*10 660	*13 380	*13 380	*12 130	*12 130	*9 250	*9 250			*6 780	*6 780	9.66	
	-4.5							*7 230	*7 230	*6 410	*6 410							8.61	

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 4. Counterweight weight: include support and mounting parts weight 500 kg.

LIFTING CAPACITY EC700CHR

At the arm end without bucket. For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick fit from the following values.

EC700CHR with hydraulically retractable undercarriage


 Across undercarriage Along undercarriage	Lifting Point m	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		Maximum reach		Max. m	
		kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg		
		kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg		
Boom 7.7 m	9.0									*17 410	*17 410					*15 930	*15 930	8.10	
	7.5									*17 690	*17 690	*16 290	15 080			*15 300	14 740	9.10	
	6.0					*29 310	*29 310	*22 320	*22 320	*18 670	*18 670	*16 500	14 800			*15 170	12 770	9.77	
	Arm 2.9 m	4.5							*24 860	*24 860	*19 940	18 910	*17 060	14 270			*15 450	11 620	10.18
		3.0							*26 880	24 510	*21 070	17 880	*17 610	13 700			*15 430	11 010	10.35
	Shoe 900 mm	1.5							*27 560	23 340	*21 680	17 080	*17 880	13 210			*15 350	10 840	10.31
		0.0							*26 930	22 830	*21 510	16 600	*17 610	12 890			*15 240	11 110	10.04
	Counterweight 10 250 kg	-1.5					*30 170	*30 170	*25 180	22 750	*20 410	16 430	*16 450	12 810			*14 980	11 920	9.52
		-3.0			*26 970	*26 970	*26 280	*26 280	*22 210	*22 210	*18 020	16 580					*14 330	13 600	8.72
-4.5						*20 300	*20 300	*17 320	*17 320	*12 920	*12 920					*12 740	*12 740	7.54	
Boom 7.7 m	9.0									*17 230	*17 230					*15 680	*15 680	8.10	
	7.5									*17 510	*17 510	*16 120	14 920			*15 050	14 590	9.10	
	6.0					*29 170	*29 170	*22 160	*22 160	*18 500	*18 500	*16 330	14 640			*14 920	12 610	9.77	
	Arm 3.55 m	4.5							*24 730	*24 730	*19 780	18 770	*16 890	14 120			*15 200	11 470	10.18
		3.0							*26 760	24 420	*20 920	17 750	*17 450	13 560			*15 270	10 860	10.35
	Shoe 900 mm	1.5							*27 460	23 260	*21 540	16 960	*17 720	13 070			*15 190	10 690	10.31
		0.0							*26 830	22 750	*21 380	16 480	*17 460	12 760			*15 070	10 960	10.04
	Counterweight 10 250 kg	-1.5					*30 110	*30 110	*25 080	22 670	*20 280	16 310	*16 300	12 670			*14 810	11 780	9.52
		-3.0			*26 940	*26 940	*26 200	*26 200	*22 100	*22 100	*17 880	16 460					*14 170	13 460	8.72
-4.5						*20 210	*20 210	*17 190	*17 190	*12 770	*12 770					*12 580	*12 580	7.54	
Boom 7.7 m	9.0									*16 920	*16 920					*15 340	*15 340	8.10	
	7.5									*17 200	*17 200	*15 820	14 650			*14 700	14 320	9.10	
	6.0					*28 860	*28 860	*21 840	*21 840	*18 190	*18 190	*16 020	14 370			*14 560	12 350	9.77	
	Arm 4.2 m	4.5							*24 430	*24 430	*19 470	18 500	*16 590	13 850			*14 830	11 200	10.18
		3.0							*26 480	24 170	*20 620	17 490	*17 140	13 290			*14 960	10 600	10.35
	Shoe 900 mm	1.5							*27 180	23 030	*21 240	16 700	*17 420	12 800			*14 880	10 430	10.31
		0.0							*26 550	22 520	*21 090	16 230	*17 150	12 490			*14 770	10 690	10.04
	Counterweight 10 250 kg	-1.5					*29 860	*29 860	*24 800	22 430	*19 980	16 060	*15 990	12 400			*14 510	11 510	9.52
		-3.0			*26 740	*26 740	*25 950	*25 950	*21 810	*21 810	*17 580	16 200					*13 870	13 190	8.72
-4.5						*19 930	*19 930	*16 900	*16 900	*12 460	*12 460					*12 270	*12 270	7.54	
Boom 8.3 m	12.0															*21 790	*21 790	5.90	
	10.5									*20 250	*20 250					*18 130	*18 130	7.82	
	9.0							*23 280	*23 280	*19 970	*19 970	*17 660	14 640			*16 450	14 280	9.10	
	7.5					*29 180	*29 180	*24 610	*24 610	*20 390	19 810	*17 560	14 580			*15 600	11 960	10.00	
	Arm 2.9 m	6.0							*26 210	*26 210	*21 070	18 850	*17 760	14 130	*15 250	10 850	*15 040	10 610	10.62
		4.5									*21 650	17 760	*17 920	13 550	*15 120	10 630	*14 140	9 830	10.99
	Shoe 900 mm	3.0									*21 690	16 810	*17 800	13 000	*14 760	10 360	*13 270	9 440	11.15
		1.5									*20 890	16 180	*17 160	12 590	*13 960	10 140	*12 300	9 390	11.11
	Counterweight 10 250 kg	0.0									*19 150	15 900	*15 810	12 360	*12 380	10 070	*11 130	9 670	10.86
-1.5								*18 410	*18 410	*16 430	15 910	*13 510	12 370			*9 550	*9 550	10.38	
-3.0						*10 970	*10 970	*13 750	*13 750	*12 560	*12 560	*9 710	*9 710			*7 240	*7 240	9.66	
-4.5							*7 630	*7 630	*6 850	*6 850							8.61		
Boom 8.3 m	12.0															*21 540	*21 540	5.90	
	10.5									*20 070	*20 070					*17 880	*17 880	7.82	
	9.0							*23 030	*23 030	*19 790	*19 790	*17 490	14 480			*16 200	14 120	9.10	
	7.5					*28 930	*28 930	*24 440	*24 440	*20 210	19 650	*17 390	14 430			*15 350	11 810	10.00	
	Arm 3.55 m	6.0							*26 070	*26 070	*20 910	18 700	*17 590	13 980	*15 080	10 700	*14 880	10 460	10.62
		4.5									*21 500	17 630	*17 760	13 410	*14 950	10 490	*13 970	9 680	10.99
	Shoe 900 mm	3.0									*21 560	16 700	*17 640	12 870	*14 600	10 220	*13 100	9 300	11.15
		1.5									*20 760	16 080	*17 010	12 460	*13 800	10 000	*12 140	9 240	11.11
	Counterweight 10 250 kg	0.0									*19 020	15 790	*15 660	12 240	*12 220	9 920	*10 960	9 530	10.86
-1.5								*18 310	*18 310	*16 310	15 800	*13 360	12 240			*9 390	*9 390	10.38	
-3.0						*10 900	*10 900	*13 650	*13 650	*12 430	*12 430	*9 550	*9 550			*7 080	*7 080	9.66	
-4.5							*7 520	*7 520	*6 710	*6 710							8.61		
Boom 8.3 m	12.0															*21 230	*21 230	5.90	
	10.5									*20 070	*20 070					*17 880	*17 880	7.82	
	9.0							*23 030	*23 030	*19 790	*19 790	*17 490	14 480			*16 200	14 120	9.10	
	7.5					*28 930	*28 930	*24 440	*24 440	*20 210	19 650	*17 390	14 430			*15 350	11 810	10.00	
	Arm 4.2 m	6.0							*26 070	*26 070	*20 910	18 700	*17 590	13 980	*15 080	10 700	*14 880	10 460	10.62
		4.5									*21 500	17 630	*17 760	13 410	*14 950	10 490	*13 970	9 680	10.99
	Shoe 900 mm	3.0									*21 560	16 700	*17 640	12 870	*14 600	10 220	*13 100	9 300	11.15
		1.5									*20 760	16 080	*17 010	12 460	*13 800	10 000	*12 140	9 240	11.11
	Counterweight 10 250 kg	0.0									*19 020	15 790	*15 660	12 240	*12 220	9 920	*10 960	9 530	10.86
-1.5								*18 310	*18 310	*16 310	15 800	*13 360	12 240			*9 390	*9 390	10.38	
-3.0						*10 900	*10 900	*13 650	*13 650	*12 430	*12 430	*9 550	*9 550			*7 080	*7 080	9.66	
-4.5							*7 520	*7 520	*6 710	*6 710							8.61		

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EC700CHR with hydraulically retractable undercarriage


 Across undercarriage Along undercarriage	Lifting Point m	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		Maximum reach		Max. m	
		kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg		
		kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg		
Boom 7.7 m	9.0									*17 410	*17 410					*15 930	*15 930	8.10	
	7.5									*17 690	*17 690	*16 290	14 880			*15 300	14 550	9.10	
	6.0					*29 310	*29 310	*22 320	*22 320	*18 670	*18 670	*16 500	14 600			*15 170	12 590	9.77	
	Arm 2.9 m	4.5							*24 860	*24 860	*19 940	18 660	*17 060	14 070			*15 450	11 450	10.18
		3.0							*26 880	24 170	*21 070	17 630	*17 610	13 500			*15 430	10 850	10.35
	Shoe 750 mm	1.5							*27 560	23 010	*21 680	16 830	*17 880	13 010			*15 350	10 680	10.31
		0.0							*26 930	22 490	*21 510	16 350	*17 610	12 690			*15 240	10 940	10.04
	Counterweight 10 250 kg	-1.5					*30 170	*30 170	*25 180	*22 410	*20 410	16 180	*16 450	12 610			*14 980	11 740	9.52
		-3.0			*26 970	*26 970	*26 280	*26 280	*22 210	*22 210	*18 020	16 340					*14 330	13 400	8.72
-4.5						*20 300	*20 300	*17 320	*17 320	*12 920	*12 920					*12 740	*12 740	7.54	
Boom 7.7 m	9.0									*17 230	*17 230					*15 680	*15 680	8.10	
	7.5									*17 510	*17 510	*16 120	14 720			*15 050	14 390	9.10	
	6.0					*29 170	*29 170	*22 160	*22 160	*18 500	*18 500	*16 330	14 450			*14 920	12 440	9.77	
	Arm 3.55 m	4.5							*24 730	*24 730	*19 780	18 520	*16 890	13 930			*15 200	11 300	10.18
		3.0							*26 760	24 080	*20 920	17 510	*17 450	13 360			*15 270	10 700	10.35
	Shoe 750 mm	1.5							*27 460	22 930	*21 540	16 720	*17 720	12 880			*15 190	10 530	10.31
		0.0							*26 830	22 420	*21 380	16 240	*17 460	12 560			*15 070	10 790	10.04
	Counterweight 10 250 kg	-1.5					*30 110	*30 110	*25 080	*22 330	*20 280	16 070	*16 300	12 470			*14 810	11 590	9.52
		-3.0			*26 940	*26 940	*26 200	*26 200	*22 100	*22 100	*17 880	16 210					*14 170	13 260	8.72
-4.5						*20 210	*20 210	*17 190	*17 190	*12 770	*12 770					*12 580	*12 580	7.54	
Boom 7.7 m	9.0									*16 920	*16 920					*15 340	*15 340	8.10	
	7.5									*17 200	*17 200	*15 820	14 460			*14 700	14 130	9.10	
	6.0					*28 860	*28 860	*21 840	*21 840	*18 190	*18 190	*16 020	14 180			*14 560	12 170	9.77	
	Arm 4.2 m	4.5							*24 430	*24 430	*19 470	18 250	*16 590	13 650			*14 830	11 030	10.18
		3.0							*26 480	23 830	*20 620	17 240	*17 140	13 090			*14 960	10 430	10.35
	Shoe 750 mm	1.5							*27 180	22 690	*21 240	16 460	*17 420	12 610			*14 880	10 260	10.31
		0.0							*26 550	22 180	*21 090	15 980	*17 150	12 290			*14 770	10 520	10.04
	Counterweight 10 250 kg	-1.5					*29 860	*29 860	*24 800	*22 090	*19 980	15 810	*15 990	12 210			*14 510	11 320	9.52
		-3.0			*26 740	*26 740	*25 950	*25 950	*21 810	*21 810	*17 580	15 950					*13 870	12 990	8.72
-4.5						*19 930	*19 930	*16 900	*16 900	*12 460	*12 460					*12 270	*12 270	7.54	
Boom 8.3 m	12.0															*21 790	*21 790	5.90	
	10.5									*20 250	20 100					*18 130	*18 130	7.82	
	9.0							*23 280	*23 280	*19 970	*19 970	*17 660	14 440			*16 450	14 080	9.10	
	7.5					*29 180	*29 180	*24 610	*24 610	*20 390	19 560	*17 560	14 390			*15 600	11 790	10.00	
	Arm 2.9 m	6.0							*26 210	*26 210	*21 070	18 600	*17 760	13 930	*15 250	10 690	*15 040	10 450	10.62
		4.5									*21 650	17 510	*17 920	13 360	*15 120	10 470	*14 140	9 680	10.99
	Shoe 750 mm	3.0									*21 690	16 570	*17 800	12 810	*14 760	10 200	*13 270	9 290	11.15
		1.5									*20 890	15 940	*17 160	12 390	*13 960	9 980	*12 300	9 240	11.11
	Counterweight 10 250 kg	0.0									*19 150	15 650	*15 810	12 170	*12 380	9 900	*11 130	9 520	10.86
-1.5								*18 410	*18 410	*16 430	15 660	*13 510	12 170			*9 550	*9 550	10.38	
-3.0						*10 970	*10 970	*13 750	*13 750	*12 560	*12 560	*9 710	*9 710			*7 240	*7 240	9.66	
-4.5							*7 630	*7 630	*6 850	*6 850								8.61	
Boom 8.3 m	12.0															*21 540	*21 540	5.90	
	10.5									*20 070	19 930					*17 880	*17 880	7.82	
	9.0							*23 030	*23 030	*19 790	*19 790	*17 490	14 280			*16 200	13 930	9.10	
	7.5					*28 930	*28 930	*24 440	*24 440	*20 210	19 410	*17 390	14 230			*15 350	11 640	10.00	
	Arm 3.55 m	6.0							*26 070	*26 070	*20 910	18 450	*17 590	13 780	*15 080	10 540	*14 880	10 300	10.62
		4.5									*21 500	17 380	*17 760	13 210	*14 950	10 320	*13 970	9 530	10.99
	Shoe 750 mm	3.0									*21 560	16 450	*17 640	12 670	*14 600	10 050	*13 100	9 140	11.15
		1.5									*20 760	15 830	*17 010	12 260	*13 800	9 840	*12 140	9 090	11.11
	Counterweight 10 250 kg	0.0									*19 020	15 550	*15 660	12 040	*12 220	9 760	*10 960	9 370	10.86
-1.5								*18 310	*18 310	*16 310	15 550	*13 360	12 040			*9 390	*9 390	10.38	
-3.0						*10 900	*10 900	*13 650	*13 650	*12 430	*12 430	*9 550	*9 550			*7 080	*7 080	9.66	
-4.5							*7 520	*7 520	*6 710	*6 710								8.61	
Boom 8.3 m	12.0															*21 230	*21 230	5.90	
	10.5									*19 770	19 670					*17 550	*17 550	7.82	
	9.0							*22 650	*22 650	*19 480	*19 480	*17 190	14 020			*15 860	13 670	9.10	
	7.5					*28 450	*28 450	*24 120	*24 120	*19 900	19 120	*17 080	13 960			*15 000	11 380	10.00	
	Arm 4.2 m	6.0							*25 760	*25 760	*20 600	18 180	*17 280	13 510	*14 780	10 270	*14 580	10 040	10.62
		4.5									*21 200	17 120	*17 450	12 940	*14 650	10 060	*13 670	9 270	10.99
	Shoe 750 mm	3.0									*21 260	16 190	*17 340	12 400	*14 290	9 790	*12 800	8 880	11.15
		1.5									*20 470	15 580	*16 710	12 000	*13 490	9 570	*11 840	8 820	11.11
	Counterweight 10 250 kg	0.0									*18 740	15 300	*15 360	11 780	*11 910	9 500	*10 660	9 110	10.86
-1.5								*18 050	*18 050	*16 020	15 300	*13 060	11 780			*9 080	*9 080	10.38	
-3.0						*10 660	*10 660	*13 380	*13 380	*12 130	*12 130	*9 250	*9 250			*6 780	*6 780	9.66	
-4.5							*7 230	*7 230	*6 410	*6 410								8.61	

- Notes:
1. The above loads are in compliance with SAE and ISO Hydraulic Excavator Lift Capacity Standards.
 2. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load.
 3. Rated loads marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.
 4. Counterweight weight: include support and mounting parts weight 500 kg.

LIFTING CAPACITY EC700CHR

At the arm end without bucket. For lifting capacity including bucket, simply subtract actual weight of the direct fit bucket or the bucket with quick fit from the following values.

EC700CHR with hydraulically retractable undercarriage

 Across undercarriage Along undercarriage	Lifting Point m	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		Maximum reach		Max. m	
		kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg		kg
Boom 7.7 m	9.0									*17 410	*17 410					*15 930	*15 930	8.10	
	7.5									*17 690	*17 690	*16 290	14 750			*15 300	14 420	9.10	
	6.0					*29 310	*29 310	*22 320	*22 320	*18 670	*18 670	*16 500	14 470			*15 170	12 470	9.77	
	Arm 2.9 m	4.5							*24 860	*24 860	*19 940	18 500	*17 060	13 940			*15 450	11 340	10.18
		3.0							*26 880	23 950	*21 070	17 470	*17 610	13 370			*15 430	10 740	10.35
	Shoe 600 mm	1.5							*27 560	22 780	*21 680	16 670	*17 880	12 880			*15 350	10 560	10.31
		0.0							*26 930	22 270	*21 510	16 180	*17 610	12 560			*15 240	10 820	10.04
	Counterweight 10 250 kg	-1.5					*30 170	*30 170	*25 180	22 180	*20 410	16 010	*16 450	12 480			*14 980	11 610	9.52
-3.0				*26 970	*26 970	*26 280	*26 280	*22 210	*22 210	*18 020	16 170					*14 330	13 260	8.72	
-4.5						*20 300	*20 300	*17 320	*17 320	*12 920	*12 920					*12 740	*12 740	7.54	
Boom 7.7 m	9.0									*17 230	*17 230					*15 680	*15 680	8.10	
	7.5									*17 510	*17 510	*16 120	14 590			*15 050	14 260	9.10	
	6.0					*29 170	*29 170	*22 160	*22 160	*18 500	*18 500	*16 330	14 320			*14 920	12 320	9.77	
	Arm 3.55 m	4.5							*24 730	*24 730	*19 780	18 360	*16 890	13 790			*15 200	11 190	10.18
		3.0							*26 760	23 850	*20 920	17 340	*17 450	13 230			*15 270	10 590	10.35
	Shoe 600 mm	1.5							*27 460	22 700	*21 540	16 550	*17 720	12 740			*15 190	10 420	10.31
		0.0							*26 830	22 190	*21 380	16 070	*17 460	12 430			*15 070	10 670	10.04
	Counterweight 10 250 kg	-1.5					*30 110	*30 110	*25 080	22 100	*20 280	15 900	*16 300	12 340			*14 810	11 470	9.52
-3.0				*26 940	*26 940	*26 200	*26 200	*22 100	*22 100	*17 880	16 050					*14 170	13 120	8.72	
-4.5						*20 210	*20 210	*17 190	*17 190	*12 770	*12 770					*12 580	*12 580	7.54	
Boom 7.7 m	9.0									*16 920	*16 920					*15 340	*15 340	8.10	
	7.5									*17 200	*17 200	*15 820	14 320			*14 700	14 000	9.10	
	6.0					*28 860	*28 860	*21 840	*21 840	*18 190	*18 190	*16 020	14 040			*14 560	12 050	9.77	
	Arm 4.2 m	4.5							*24 430	*24 430	*19 470	18 080	*16 590	13 520			*14 830	10 920	10.18
		3.0							*26 480	23 610	*20 620	17 070	*17 140	12 960			*14 960	10 320	10.35
	Shoe 600 mm	1.5							*27 180	22 460	*21 240	16 290	*17 420	12 480			*14 880	10 150	10.31
		0.0							*26 550	21 960	*21 090	15 810	*17 150	12 160			*14 770	10 410	10.04
	Counterweight 10 250 kg	-1.5					*29 860	*29 860	*24 800	21 860	*19 980	15 640	*15 990	12 070			*14 510	11 200	9.52
-3.0				*26 740	*26 740	*25 950	*25 950	*21 810	*21 810	*17 580	15 780					*13 870	12 850	8.72	
-4.5						*19 930	*19 930	*16 900	*16 900	*12 460	*12 460					*12 270	*12 270	7.54	
Boom 8.3 m	12.0															*21 790	*21 790	5.90	
	10.5									*20 250	19 930					*18 130	*18 130	7.82	
	9.0							*23 280	*23 280	*19 970	*19 970	*17 660	14 310			*16 450	13 950	9.10	
	7.5					*29 180	*29 180	*24 610	*24 610	*20 390	19 400	*17 560	14 250			*15 600	11 680	10.00	
	Arm 2.9 m	6.0							*26 210	26 030	*21 070	18 430	*17 760	13 800	*15 250	10 580	*15 040	10 350	10.62
		4.5									*21 650	17 350	*17 920	13 220	*15 120	10 360	*14 140	9 570	10.99
	Shoe 600 mm	3.0									*21 690	16 400	*17 800	12 670	*14 760	10 090	*13 270	9 190	11.15
		1.5									*20 890	15 770	*17 160	12 260	*13 960	9 870	*12 300	9 130	11.11
Counterweight 10 250 kg	0.0									*19 150	15 480	*15 810	12 040	*12 380	9 790	*11 130	9 410	10.86	
	-1.5							*18 410	*18 410	*16 430	15 490	*13 510	12 040			*9 550	*9 550	10.38	
	-3.0					*10 970	*10 970	*13 750	*13 750	*12 560	*12 560	*9 710	*9 710			*7 240	*7 240	9.66	
-4.5							*7 630	*7 630	*6 850	*6 850								8.61	
Boom 8.3 m	12.0															*21 540	*21 540	5.90	
	10.5									*20 070	19 770					*17 880	*17 880	7.82	
	9.0							*23 030	*23 030	*19 790	*19 790	*17 490	14 150			*16 200	13 800	9.10	
	7.5					*28 930	*28 930	*24 440	*24 440	*20 210	19 240	*17 390	14 100			*15 350	11 520	10.00	
	Arm 3.55 m	6.0							*26 070	25 900	*20 910	18 290	*17 590	13 650	*15 080	10 430	*14 880	10 200	10.62
		4.5									*21 500	17 220	*17 760	13 080	*14 950	10 210	*13 970	9 430	10.99
	Shoe 600 mm	3.0									*21 560	16 280	*17 640	12 540	*14 600	9 940	*13 100	9 040	11.15
		1.5									*20 760	15 660	*17 010	12 130	*13 800	9 730	*12 140	8 990	11.11
Counterweight 10 250 kg	0.0									*19 020	15 380	*15 660	11 910	*12 220	9 650	*10 960	9 270	10.86	
	-1.5							*18 310	*18 310	*16 310	15 390	*13 360	11 910			*9 390	*9 390	10.38	
	-3.0					*10 900	*10 900	*13 650	*13 650	*12 430	*12 430	*9 550	*9 550			*7 080	*7 080	9.66	
-4.5							*7 520	*7 520	*6 710	*6 710								8.61	
Boom 8.3 m	12.0															*21 230	*21 230	5.90	
	10.5									*19 770	19 500					*17 550	*17 550	7.82	
	9.0							*22 650	*22 650	*19 480	*19 480	*17 190	13 890			*15 860	13 540	9.10	
	7.5					*28 450	*28 450	*24 120	*24 120	*19 900	18 960	*17 080	13 830			*15 000	11 260	10.00	
	Arm 4.2 m	6.0							*25 760	25 620	*20 600	18 010	*17 280	13 380	*14 780	10 160	*14 580	9 930	10.62
		4.5									*21 200	16 950	*17 450	12 810	*14 650	9 950	*13 670	9 160	10.99
	Shoe 600 mm	3.0									*21 260	16 030	*17 340	12 270	*14 290	9 680	*12 800	8 780	11.15
		1.5									*20 470	15 410	*16 710	11 860	*13 490	9 460	*11 840	8 720	11.11
Counterweight 10 250 kg	0.0									*18 740	15 130	*15 360	11 650	*11 910	9 390	*10 660	9 000	10.86	
	-1.5							*18 050	*18 050	*16 020	15 130	*13 060	11 650			*9 080	*9 080	10.38	
	-3.0					*10 660	*10 660	*13 380	*13 380	*12 130	*12 130	*9 250	*9 250			*6 780	*6 780	9.66	
-4.5							*7 230	*7 230	*6 410	*6 410								8.61	

- Notes:
1. The above loads are in compliance with SAE and ISO Hydraulic Excavator Lift Capacity Standards.
 2. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load.
 3. Rated loads marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.
 4. Counterweight weight: include support and mounting parts weight 500 kg.

STANDARD EQUIPMENT EC380DHR, EC480DHR.

Engine

Turbocharged, 4 stroke diesel engine with water cooling, direct injection and charged air cooler that meets Tier4i/EU Stage IIIB requirements
Air intake heater
Fuel filter and water separator
Fuel filler pump: 50 l/min, with automatic shut-off
Alternator, 80 A
Precleaner, Cyclone

Electric/Electronic control system

Contronics
- Advanced mode control system
- Self-diagnostic system
Machine status indication
Engine speed sensing power control
Automatic idling system
One-touch power boost
Safety stop/start function
Adjustable LCD color monitor
Master electrical disconnect switch
Engine restart prevention circuit
High-capacity halogen lights:
- Frame-mounted 2
- Boom-mounted 4
Batteries, 2 x 12 V / 200 Ah
Start motor, 24 V / 7 kW
CareTrack
Engine emergency stop switch
Overload Warning (TMI & Slew limitation)

Hydraulic system

Hose rupture valve for UHR:
boom cylinder and arm
Hydraulic piping:
Hammer & shear:
- Two pump flow
- Slope & rotator
- Oil leak (drain) line
- Quick fit piping
- Additional return filter
Overload warning device
Automatic sensing hydraulic system
- Summation system
- Boom priority
- Arm priority
- Swing priority
Boom and arm regeneration valves
Slew anti-rebound valves
Boom and arm holding valves
Multi-stage filtering system
Cylinder cushioning
Cylinder contamination seals
Auxiliary hydraulic valve
Automatic two-speed travel motors
Hydraulic oil, ISO VG 46

Superstructure

Full height counterweight: 6 200 kg (EC380DHR)
Full height counterweight: 9 200 kg (EC480DHR)
Additional counterweight for high reach: 3 800 kg
HD undercover plate (8 mm)
HD double thickness side doors with micro mesh
Access way with handrail
Punched metal anti-slip plates
Tool storage area

Tilting cab, and interior

Tilting cab
Seat, mech. susp w/ heater, w/o X-Isolator
Control Joystick with 3 switch & 1 prop. control
Air-conditioner climate control
Silicon oil and rubber mounts with spring
Adjustable operator seat and joystick control console
AM/FM stereo with CD Player and MP3 input
Flexible antenna
Hydraulic safety lock lever
Cab, all-weather sound suppressed, includes:
- Cup holder
- Door locks
- Tinted glass
- Floor mat
- Horn
- Large storage area
- Pull-up type front window
- Removable lower windshield
- Seat belt, 3 inch retractable
- Safety glass
- Sun shields, front, roof, rear
- Windshield wiper with intermittent feature
- Master key
Frame mounted Falling object guard (FOG)

Undercarriage

Fixed undercarriage
Swing ring guard
HD Undercover plate (10 mm)
Hydraulic track adjusters
Greased and sealed track link
Standard track guards
Foot support bar

OPTIONAL EQUIPMENT EC380DHR, EC480DHR.

Engine

Block heater: 120 V, 240 V
Oil bath pre-cleaner
Diesel coolant heater ,10kW
Water separator with heater
Reversible cooling fan

Electric

Extra lights:
- Cab mounted x2 (front) x1 (rear)
- Counterweight mounted x1
Travel alarm
Anti-theft system
Rotating warning beacon
Rear view camera, counterweight

Hydraulic system

Hose rupture valve for digging boom : Arm
Hydraulic piping:
- Work tool management system
(Up to 20 programmable memories)
- Grapple for digging boom
- Quick fit piping for digging boom
Volvo hydraulic quick fit, (S3,U36) for digging boom (EC380DHR)
Volvo hydraulic quick fit, (S3,U46) for digging boom (EC480DHR)

Straight travel pedal
Hydraulic oil, ISO VG 32, 68
Hydraulic oil, biodegradable 46
Hydraulic oil, longlife oil 32, 46, 68
Boom cylinder guard
Bucket cylinder guard

Superstructure

Side Impact Protection System
Side walk-way for tilting cab

Cab and interior

Seat, Mech. susp w/o heater, w/o X-Isolator
Seat, Air susp w/ heater, w/ X-Isolator
Pilot control pattern change
Smoker kit (ashtray & lighter)
Safety net for front window
Lower wiper with intermittent control
Specific key

Undercarriage

Hydraulically retractable undercarriage
Mechanically retractable undercarriage (EC480DHR)
Full track guards

Track shoes

600/700/800/900 mm triple grouser shoes
600 mm double grouser shoes

Digging equipment

Digging boom Straight 6,8 m / Bent 6,5 m (EC380DHR)
Arm: 3.2 m / 3.9 m (EC380DHR)
Digging boom Straight 7.5 m / Bent 7.0 m (EC480DHR)
Arm: 3.35 m / 3.9 m (EC480DHR)
Manual centralized lubrication

High reach

Boom HR-3 piece: 21 m (EC380DHR)
Boom HR-3 piece: 27 m (EC480DHR)
Front camera for demolition boom

Service

Spare parts
Tool kit, full scale
Tool kit, daily maintenance

Standard and optional equipment may vary by market. Please consult your local Volvo dealer for details.

STANDARD EQUIPMENT EC700CHR.

Engine

Turbocharged, 4 stroke diesel engine with water cooling, direct injection and charged air cooler that meets EU Stage IIIA requirements
Air intake heater
Air filter with indicator
Fuel filter and water separator
Fuel filler pump: 100 l/min, with automatic shut-off
Alternator, 80 A

Electric/Electronic control system

Contronics
– Advanced mode control system
– Self-diagnostic system
Machine status indication
Engine speed sensing power control
Automatic idling system
One-touch power boost
Safety stop/start function
Adjustable LCD color monitor
Master electrical disconnect switch
Engine restart prevention circuit
High-capacity halogen lights:
– Frame-mounted 3
– Boom-mounted 4
Batteries, 2 x 12 V / 225 Ah
Start motor, 28 V / 6,6 kW
CareTrack
Engine emergency stop switch
Overload Warning (TMI & Slew limitation)

Hydraulic system

Hose rupture valve for UHR: boom cylinder and arm
Hydraulic piping:
Hammer & shear:
– Two pump flow
– Slope & rotator
– Oil leak (drain) line
– Quick fit piping
– Additional return filter
Overload warning device
Automatic hydraulic system
– Summation system
– Boom priority
– Arm priority
– Swing priority
Boom and arm regeneration valves
Swing anti-rebound valves
Boom and arm holding valves
Multi-stage filtering system
Cylinder cushioning
Cylinder contamination seals
Auxiliary hydraulic valve
Automatic two-speed travel motors
Hydraulic oil, ISO VG 46

Superstructure

Access way with handrail
Full height counterweight: 10 250 kg
Additional counterweight for high reach: 4 500 kg
Tool storage area
Punched metal anti-slip plates
HD Undercover plate
HD double thickness side doors with micro mesh
Side walk-way

Cab, and interior

Tilting cab
Fabric seat with heater and air suspension
Control Joystick with 3x switch and 1x proportional control
Heater & air-conditioner, automatic
Hydraulic dampening cab mounts
Adjustable operator seat and joystick control console
AM/FM stereo with CD Player and MP3 input
Flexible antenna
Hydraulic safety lock lever
Cab, all-weather sound suppressed, includes:
– Cup holder
– Door locks
– Tinted glass
– Floor mat
– Horn
– Large storage area
– Pull-up type front window
– Removable lower windshield
– Seat belt, 3 inch
– Safety glass
– Sun shield, front, roof, rear
– Windshield wiper with intermittent feature
Anti-vandalism kit assembly preparation
Master key
Frame mounted Falling object guard (FOG)

Undercarriage

Mechanically retractable undercarriage
Slew ring guard
Hydraulic track adjusters
Greased and sealed track chain
Standard track guards
HD Undercover plate (10 mm)

OPTIONAL EQUIPMENT EC700CHR.

Engine

Block heater: 120 V, 240 V
Dual stage precleaner
Oil bath pre-cleaner
Diesel coolant heater, 10kW
Water separator with heater
Low noise kit

Electric

Extra lights:
– Cab-mounted 1
– Counterweight-mounted 1
Travel alarm
Swing alarm
Anti-theft system
Rotating warning beacon

Hydraulic system

Hose rupture valve for digging boom: Arm
Hydraulic piping:
– Grapple for digging boom
– Quick fit piping for digging boom
– Grapple for digging boom
– Quick fit piping for digging boom

Volvo hydraulic quick fit, (U70) for digging boom
Straight travel pedal
Hydraulic oil, ISO VG 32
Hydraulic oil, ISO VG 68
Hydraulic oil, biodegradable 46
Bucket & boom cylinder guard

Cab and interior

Fabric seat with heater
Pilot control pattern change
Safety screen for front window
Lower wiper with intermittent control
Specific key

Undercarriage

Hydraulically retractable undercarriage
Full track guards

Track shoes

650/750/900 mm double grouser shoes
Digging equipment
Digging boom (Straight 8.3 m, Bent 7.7 m)
Arm: 2.9 m/3.55 m/4.2 m
Manual centralized lubrication

High reach

Boom HR -3 piece: 29 m
Boom extension: 3 m
Front camera for demolition boom

Service

Spare parts
Tool kit, full scale
Tool kit, daily maintenance
Special tool retract. Frame counterweight.

VOLVO CONSTRUCTION EQUIPMENT

Volvo Construction Equipment is different. Our machines are designed, built and supported in a different way. That difference comes from an engineering heritage of over 180 years. A heritage of thinking first about the people who actually use the machines. About how to help them be safer, more comfortable, more productive. About the environment we all share. The result of that thinking is a growing range of machines and a global support network dedicated to helping you do more. People around the world are proud to use Volvo.

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.

VOLVO

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