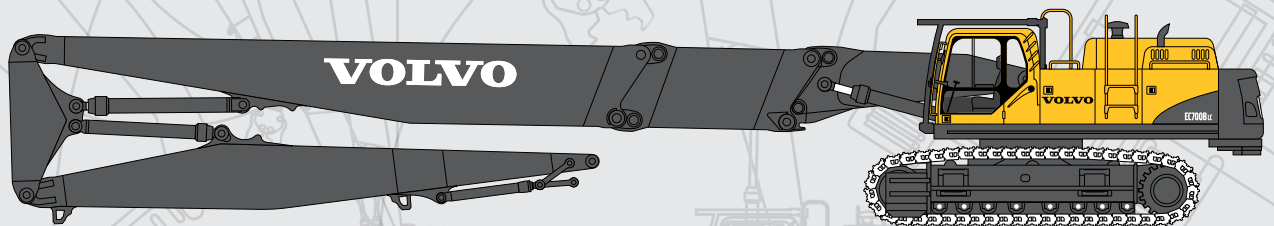


VOLVO EXCAVATORS DEMOLITION

EC210C - EC700C STANDARD DEMOLITION EC360CHR / EC700BHR ULTRA HIGH REACH DEMOLITION



EC210C - EC700C Standard Demolition

- **Engine power, gross :**
110 kW - 316 kW
148 hp - 424 hp
- **Operating weight :**
21.7 t - 70.6 t
47,840 lb - 155,650 lb
- **Maximum digging reach :**
9.9 m - 14.8 m
32' 6" - 48' 6"

EC360CHR High Reach Demolition

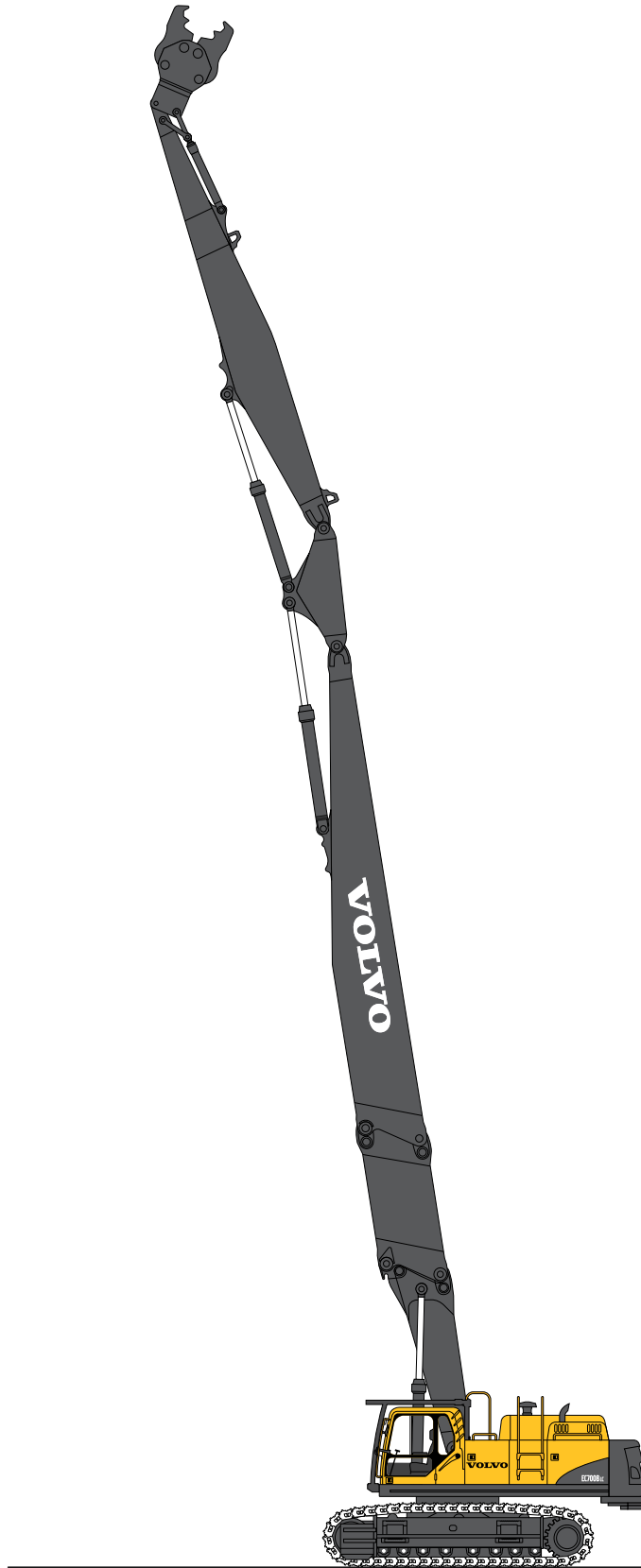
- **Engine power, gross :**
184 kW
247 hp
- **Operating weight :**
46.0 t - 49.3 t
101,410 lb - 108,680 lb
- **Maximum pin height :**
21.0 m
68' 11"

EC700BHR Ultra High Reach Demolition

- **Engine power, gross :**
316 kW
424 hp
- **Operating weight :**
81.5 t - 91.0 t
179,680 lb - 200,620 lb
- **Maximum pin height :**
29.0 m - 32.0 m
95' 2" - 105'

MORE CARE. BUILT IN.



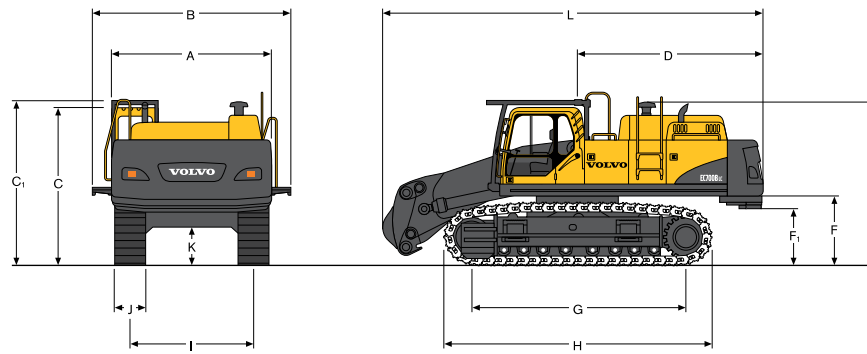


SPECIFICATIONS

Main data of standard demolition machines - 1-piece digging boom and standard arm, unless noted otherwise.

General Data		EC210C	EC240C	EC290C	EC360C	EC460C	EC700C
Operating weight, without attachment	t	21.3-22.0	24.6-26.2	28.7-30.4	34.1-37.0	44.8-49.1	68.3-70.0
	lb	46,920-48,470	54,230-57,760	63,270-67,020	75,240-81,570	98,770-108,250	150,600-156,670
Engine		Volvo D6E	Volvo D7E	Volvo D7E	Volvo D12D	Volvo D12D	Volvo D16E
Rated output, at r/s (r/min)	r/s	30	30	30	28	30	30
	rpm	1,800	1,800	1,800	1,700	1,800	1,800
ISO 9249/SAE J1349, net kW (hp)	kW	110	125	143	184	235	316
	hp	148	168	192	247	315	424
Maximum torque at 1,350 r/min	Nm	735	870	965	1,475	1,720	2,500
	lb.ft	542	642	712	1,088	1,269	1,844
Track length	mm	4,460	4,650	4,870	5,180	5,370	5,990
	ft-in	14' 8"	15' 3"	16' 0"	17' 0"	17' 7"	19' 8"
Track gauge	mm	2,390	2,590	2,590	2,740	2,740	3,350
	ft-in	7' 10"	8' 6"	8' 6"	9' 0"	9' 0"	11' 0"
Bucket capacity	m ³	0.8-1.4	1.0-1.8	1.1-2.0	1.5-2.8	1.7-3.3	3.1-5.5
	yd ³	1.08-1.86	1.28-2.89	1.37-2.55	1.98-3.63	2.16-4.32	4.00-7.13
Lifting capacity along undercarriage	t	7.1	9.1	10.8	12.0	13.8	19.2
	lb	15,670	19,760	23,370	25,840	29,820	41,510
at reach/height	m	6.0/1.5	6.0/1.5	6.0/1.5	7.5/1.5	7.5/1.5	7.5/1.5
	ft-in	20'/5'	20'/5'	20'/5'	25'/5'	25'/5'	25'/5'
Maximum breakout force, SAE	kN	130.4	156.9	173.0	209.0	244.2	316.0
	lb	29,310	35,280	38,810	47,190	54,900	70,940
Maximum digging reach (long arm)	m	10.4	10.7	11.3	11.2	13.2	14.7
	ft-in	34' 1"	35' 2"	37' 0"	36' 8"	43' 4"	48' 4"
Maximum digging depth (long arm)	m	7.3	7.6	8.0	7.5	9.0	10.1
	ft-in	24' 1"	23' 0"	26' 2"	24' 7"	29' 7"	33' 0"
Fuel tank capacity	l	350	470	470	620	685	840
	gal	87.0	124.2	124.2	163.8	181	222
Hydraulic system, total	l	330	320	400	500	525	655
	gal	87.2	84.5	105.7	132.1	138.7	173
Gradeability	degree/%	35° / 70%					
Maximum tractive effort	kN	183.0	209.0	230.5	256.9	325.0	453.0
	lb	41,140	46,990	51,820	57,753	73,063	101,838

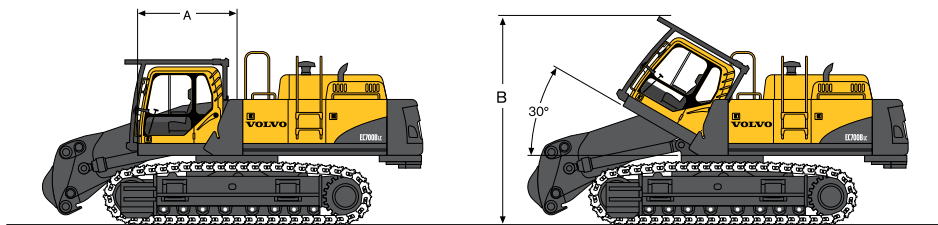
Dimensions



Dimensions of basic demolition machine with modular boom foot, no attachment

Description		EC360CHR Undercarriage long crawler	EC360CHR Undercarriage hydraulically retractable	EC700BHR Undercarriage mechanically retractable	EC700BHR Undercarriage hydraulically retractable
A. Superstructure width	mm ft-in	2,990 9' 10"	2,990 9' 10"	3,420 11' 3"	3,420 11' 3"
B. Overall width with walkway	mm ft-in	3,320 (left hand side) 10' 11" (left hand side)	3,320 (left hand side) 10' 11" (left hand side)	4,290 (both sides) 14' 1" (both sides)	4,290 (both sides) 14' 1" (both sides)
Overall width with SIPS*	mm ft-in	3,190 10' 6"	3,340 11' 0"	-	-
Overall width with SIPS removed*	mm ft-in	3,055 10' 0"	3,055 10' 0"	-	-
C. Overall height	mm ft-in	3,200 10' 6"	3,200 10' 6"	3,480 11' 5"	3,480 11' 5"
C1. Overall height (including FOG)	mm ft-in	3,330 10' 11"	3,330 10' 11"	3,610 11' 10"	3,610 11' 10"
D. Tail swing radius	mm ft-in	3,390 11' 1"	3,390 11' 1"	4,090 13' 5"	4,090 13' 5"
E. Overall height of pre-cleaner	mm ft-in	2,700 8' 10"	2,700 8' 10"	3,590 11' 9"	3,590 11' 9"
F. Minimum counterweight clearance*	mm ft-in	1,210 4' 0"	1,210 4' 0"	1,510 4' 11"	1,510 4' 11"
F1. Minimum additional counterweight clearance*	mm ft-in	1,080 3' 7"	1,080 3' 7"	1,230 4' 0"	1,230 4' 0"
G. Tumbler length	mm ft-in	4,240 13' 11"	4,240 13' 11"	4,750 15' 7"	4,750 15' 7"
H. Track length	mm ft-in	5,180 17' 0"	5,180 17' 0"	5,990 19' 8"	5,990 19' 8"
I. Track gauge (extended)	mm ft-in	2,740 9' 0"	3,380 11' 1"	3,350 11' 0"	3,740 12' 3"
Track gauge (retracted)	mm ft-in	-	2,390 7' 10"	2,750 9' 0"	2,750 9' 0"
J. Shoe width	mm in	710 28"	600 24"	650 26"	650 26"
K. Minimum ground clearance*	mm ft-in	500 1' 8"	400 1' 4"	860 2' 10"	630 2' 1"
L. Overall length	mm ft-in	6,920 22' 8"	6,920 22' 8"	8,380 27' 6"	8,380 27' 6"
Total weight without additional counterweight	t lb	31.8 70,110	35.0 77,160	61.0 134,480	68.0 149,910

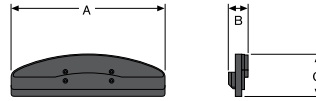
* With shoe grouser



Dimensions of demolition machine with tilting cab

Description		EC360CHR	EC700BHR
A. Tilting cab length	mm ft-in	-	2,120 6' 11"
B. Cab height when fully tilted	mm ft-in	-	4,450 14' 7"
Cab tilting angle	degree	30°	30°

Dimensions



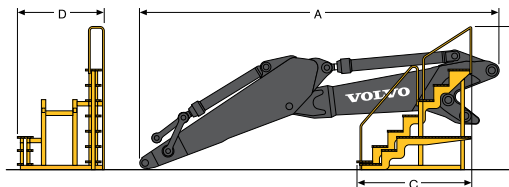
Dimensions of the additional counterweight*

Description		EC360CHR	EC700BHR
A. Width additional counterweight	mm ft-in	2,990 9' 10"	3,390 11' 2"
B. Thickness additional counterweight	mm ft-in	132 0' 5"	432 1' 5"
C. Height additional counterweight	mm ft-in	867 2' 10"	934 3' 1"
Total weight additional counterweight	t lb	3.0 6,610	5.0 11,020

* Additional counterweight can be removed for transport

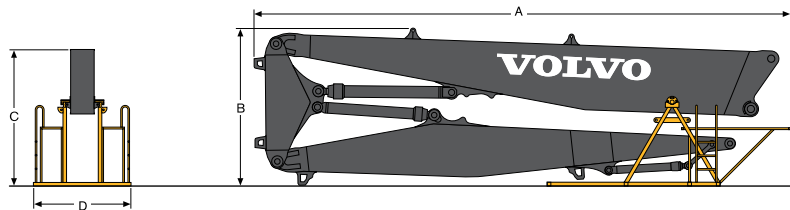
CAUTION :

The machine can be transported with the digging boom fitted. If it's transported without digging boom but with additional counterweight, take care of stability (tilting back) during the loading / unloading on truck.



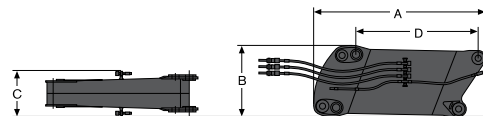
Dimensions of digging front with standard arm in support cradle, without attachment

Description		EC360CHR	EC700BHR
A. Length - mounting to arm end	mm ft-in	6,460 21' 2"	8,220 27' 0"
B. Overall height	mm ft-in	2,060 6' 9"	3,280 10' 9"
C. Length of support cradle	mm ft-in	1,180 3' 1"	2,630 8' 8"
D. Width of support cradle	mm ft-in	1,110 3' 8"	1,984 6' 6"
Weight with transport cradle	t lb	4.3 9,480	8.3 18,300



Dimensions of 3-piece demolition front, in support cradle, without attachment

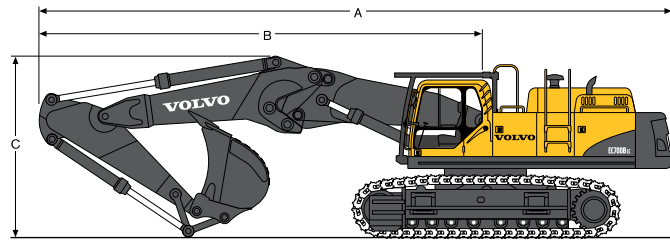
Description		EC360CHR	EC700BHR
A. Overall length	mm ft-in	8,070 26' 6"	11,830 38' 10"
B. Overall height	mm ft-in	3,110 10' 2"	3,450 11' 4"
C. Length of support cradle	mm ft-in	2,650 8' 8"	3,010 9' 11"
D. Width of support cradle	mm ft-in	2,110 6' 11"	2,150 7' 1"
Weight of working equipment without attachment (including support cradle)	t lb	8.3 18,300	12.0 26,460



Dimensions of demolition boom extension

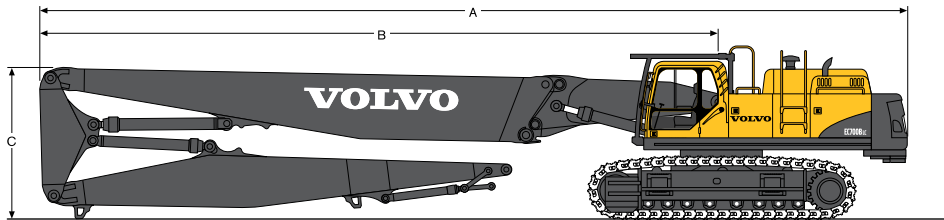
Description		EC700BHR
A. Overall length	mm ft-in	3,780 12' 5"
B. Overall height	mm ft-in	1,570 5' 2"
C. Overall width	mm ft-in	970 6' 2"
D. Extension length	mm ft-in	3,000 9' 10"
Weight of demolition boom extension	t lb	3.5 7,720

Dimensions



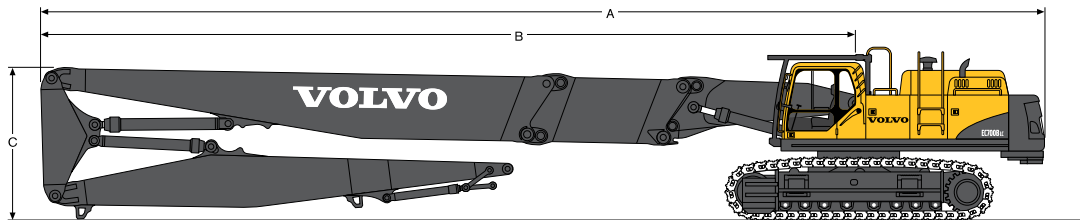
Dimensions of demolition machine with modular boom foot and digging front (position for transport)

Description		EC360CHR			EC700BHR		
Boom		Straight boom 6.8 m / 22' 4"			Straight boom 8.3 m / 27' 3"		
Arm		2.6 m / 8' 6"	3.2 m / 10' 6"	3.9 m / 12' 10"	2.9 m / 9' 6"	3.6 m / 11' 10"	4.2 m / 13' 9"
A. Overall length	mm	11,450	11,400	11,260	13,920	13,760	13,660
	ft-in	37' 7"	37' 5"	36' 11"	45' 8"	45' 2"	44' 10"
B. Swing center to front of equipment	mm	8,060	8,010	7,870	9,830	9,670	9,570
	ft-in	26' 5"	26' 3"	25' 10"	32' 3"	31' 9"	31' 5"
C. Maximum height of boom in transport position	mm	3,330	3,320	3,970	3,980	4,220	4,430
	ft-in	10' 11"	10' 11"	13' 0"	13' 1"	13' 10"	14' 6"
Operating weight with hydraulic retractable undercarriage, excluding bucket	t	39.2	39.3	39.4	76.2	76.3	76.7
	lb	86,420	86,640	86,860	167,990	168,210	169,090
Operating weight, excluding bucket	t	37.1	37.2	37.3	67.5	67.6	68.0
	lb	81,790	82,010	82,230	148,810	149,030	149,910



Dimensions of demolition machine with modular boom foot, 3-piece demolition front, without attachment

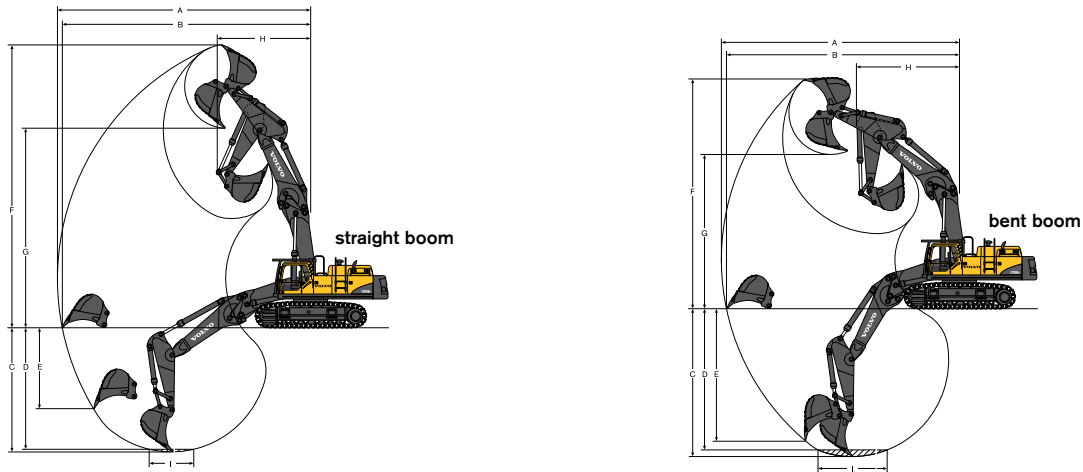
Description		EC360CHR		EC700BHR	
A. Overall length	mm	14,350		19,130	
	ft-in	47' 1"		62' 9"	
B. Swing center to front of equipment	mm	10,960		15,040	
	ft-in	35' 11"		49' 4"	
C. Maximum height of boom in transport position	mm	3,110		3,350	
	ft-in	10' 2"		11' 0"	



Dimensions of demolition machine with modular boom foot, 3-piece front with boom extension, without attachment

Description		EC700BHR	
A. Overall length	mm	22,130	
	ft-in	72' 7"	
B. Swing center to front of equipment	mm	18,040	
	ft-in	59' 2"	
C. Maximum height of boom in transport position	mm	3,340	
	ft-in	10' 11"	

Working ranges & digging forces



Working ranges of demolition machine with digging front in straight configuration*

Description		EC360CHR			EC700BHR		
Boom		Straight boom 6.8 m/ 22' 4"			Straight boom 8.3 m/ 27' 3"		
Arm		2.6 m/ 8' 6"	3.2 m/ 10' 6"	3.9 m/ 12' 10"	2.9 m/ 9' 6"	3.6 m/ 11' 10"	4.2 m/ 13' 9"
A. Maximum digging reach	mm ft-in	11,200 36' 9"	11,770 38' 7"	12,440 40' 10"	13,390 43' 11"	13,910 45' 8"	14,550 47' 9"
B. Maximum digging reach on ground	mm ft-in	10,990 36' 1"	11,570 38' 0"	12,260 40' 3"	13,130 43' 1"	13,660 44' 10"	14,300 46' 11"
C. Maximum digging depth	mm ft-in	5,090 16' 8"	5,680 18' 8"	6,390 21' 0"	6,580 21' 7"	7,160 23' 6"	7,810 25' 7"
D. Maximum digging depth (8' level)	mm ft-in	4,910 16' 1"	5,540 18' 2"	6,260 20' 7"	6,430 21' 1"	7,160 23' 6"	7,700 25' 3"
E. Maximum vertical wall digging depth	mm ft-in	2,560 8' 5"	3,980 13' 1"	4,820 15' 10"	4,290 14' 1"	4,930 16' 2"	5,470 17' 11"
F. Maximum cutting height	mm ft-in	12,840 42' 2"	13,330 43' 9"	13,920 45' 8"	14,970 49' 1"	15,300 50' 2"	15,780 51' 9"
G. Maximum dumping height	mm ft-in	9,430 30' 11"	9,920 32' 7"	10,520 34' 6"	10,560 34' 8"	11,030 36' 2"	11,520 37' 10"
H. Minimum front swing radius	mm ft-in	3,370 11' 1"	3,300 10' 10"	3,630 11' 11"	4,420 14' 6"	4,510 14' 10"	4,760 15' 7"

Digging forces of demolition machine with digging front in straight configuration*

Description		EC360CHR			EC700BHR		
Boom		Straight boom 6.8 m/ 22' 4"			Straight boom 8.3 m/ 27' 3"		
Arm		2.6 m/ 8' 6"	3.2 m/ 10' 6"	3.9 m/ 12' 10"	2.9 m/ 9' 6"	3.6 m/ 11' 10"	4.2 m/ 13' 9"
Bucket tip radius	mm ft-in	1,620 5' 4"	1,620 5' 4"	1,620 5' 4"	2,150 7' 1"	2,150 7' 1"	2,150 7' 1"
Maximum breakout force-bucket (ISO)	kN lb	236 53,060	236 53,060	236 53,060	356 80,030	356 80,030	356 80,030
Maximum tearout force-arm (ISO)	kN lb	213 47,880	176 39,570	153 34,400	332 74,640	290 65,200	258 58,000

Working ranges of demolition machine with digging front in bent configuration*

Description		EC360CHR			EC700BHR		
Boom		Bent boom 6.5 m/ 21' 4"			Bent boom 7.7 m/ 25' 3"		
Arm		2.6 m/ 8' 6"	3.2 m/ 10' 6"	3.9 m/ 12' 10"	2.9 m/ 9' 6"	3.6 m/ 11' 10"	4.2 m/ 13' 9"
A. Maximum digging reach	mm ft-in	10,650 34' 1"	11,190 36' 9"	11,850 38' 11"	12,600 41' 4"	13,070 42' 11"	13,660 44' 10"
B. Maximum digging reach on ground	mm ft-in	10,440 34' 3"	10,980 36' 0"	11,650 38' 3"	12,330 40' 5"	12,810 42' 0"	13,400 44' 0"
C. Maximum digging depth	mm ft-in	6,290 20' 8"	6,890 22' 7"	7,590 24' 11"	7,830 25' 8"	8,430 27' 8"	8,980 29' 6"
D. Maximum digging depth (8' level)	mm ft-in	6,120 20' 1"	6,740 22' 1"	7,470 24' 6"	7,680 25' 2"	8,300 27' 3"	8,850 29' 0"
E. Maximum vertical wall digging depth	mm ft-in	4,890 16' 1"	5,360 17' 7"	5,960 19' 7"	7,020 23' 0"	7,720 25' 4"	8,220 27' 0"
F. Maximum cutting height	mm ft-in	11,040 36' 3"	11,320 37' 2"	11,690 38' 4"	12,250 40' 2"	12,280 40' 3"	12,530 41' 1"
G. Maximum dumping height	mm ft-in	7,820 25' 8"	8,110 26' 7"	8,490 27' 10"	8,160 26' 9"	8,360 27' 5"	8,610 28' 3"
H. Minimum front swing radius	mm ft-in	3,790 12' 5"	3,720 12' 2"	3,770 12' 4"	5,490 18' 0"	5,240 17' 2"	5,340 17' 6"

Digging forces of demolition machine with digging front in bent configuration*

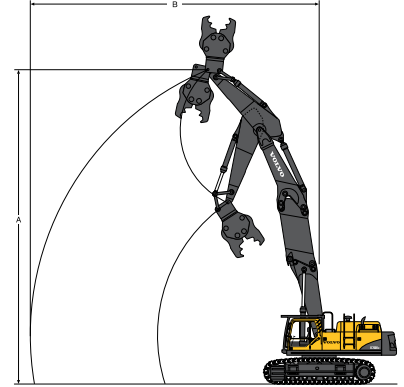
Description		EC360CHR			EC700BHR		
Boom		Bent boom 6.5 m/ 21' 4"			Bent boom 7.7 m/ 25' 3"		
Arm		2.6 m/ 8' 6"	3.2 m/ 10' 6"	3.9 m/ 12' 10"	2.9 m/ 9' 6"	3.6 m/ 11' 10"	4.2 m/ 13' 9"
Bucket tip radius	mm ft-in	1,620 5' 4"	1,620 5' 4"	1,620 5' 4"	2,150 7' 1"	2,150 7' 1"	2,150 7' 1"
Maximum breakout force-bucket (ISO)	kN lb	236 53,060	236 53,060	236 53,060	356 80,030	356 80,030	356 80,030
Maximum tearout force-arm (ISO)	kN lb	213 47,880	176 39,570	153 34,400	332 74,640	290 65,200	258 58,000

* Data with direct fit bucket

Working ranges & digging forces

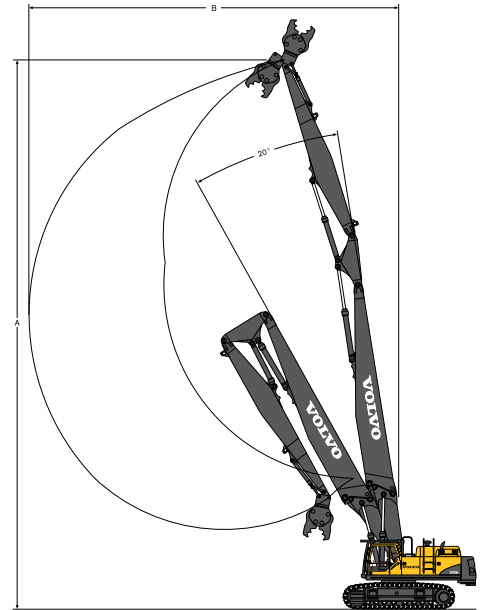
Working ranges of demolition machine with mass demolition front (boom extension with digging front in straight configuration)

Description		EC700BHR
A. Maximum pin height	mm	16,630
	ft-in	54' 7"
B. Maximum forward reach	mm	15,290
	ft-in	50' 2"
Weight of demolition boom extension	t	3.5
	lb	7,720
Maximum tool weight	t	-
	lb	-



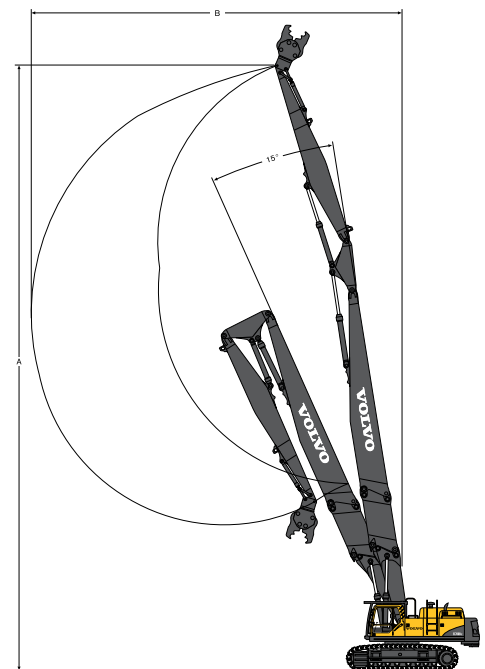
Working ranges of demolition machine with 3-piece demolition front

Description		EC360CHR	EC700BHR
A. Maximum pin height	mm	21,000	29,050
	ft-in	68' 11"	95' 4"
B. Maximum pin reach	mm	12,900	19,550
	ft-in	42' 4"	64' 2"
Maximum tool weight	t	3.0	3.5
	lb	6,610	7,720



Working ranges of demolition machine with 3-piece demolition front with boom extension

Description		EC700BHR
A. Maximum pin height	mm	32,010
	ft-in	105'
B. Maximum pin reach	mm	19,620
	ft-in	64' 4"
Maximum tool weight with extension	t	3.0
	lb	6,610



Lifting capacities EC360CHR with demolition equipment

NOTE!

The rated loads in the table should be used as a guide.

Attachments, uneven ground conditions and soft or poor ground conditions have an effect on rated load.

The operator is responsible to be aware of these effects.

The equipment should not be lowered to or raised from the ground with the mid or demolition dipper arm extended.

IMPORTANT!

The attachment weight is limited to 3.0 t/6,610 lb, including quick coupler and attachment plate, if fitted.

Weights that exceed 3.0 t/6,610 lb, could cause the machine to become unstable and tip over.

EC360CHR Demolition machine with 3-piece High Reach front, without attachment or quick fit	
Outreach along undercarriage	Load (without load cell and fixing device)
m	t
ft-in	lb
11.7	6.9*
38' 5"	15,210
13.5	6.0*
44' 3"	13,230
15.9	5.3*
52' 2"	11,680
17.0	3.4
55' 9"	7,500

* The load capacities are limited by the machine's hydraulic lifting capacity rather than the tipping load.

Working pressure with power boost = 35 MPa/ 4,975 psi

The above values are in compliance with ISO 10567 standard. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load, with the machine on firm, level ground.

Lifting capacities EC700BHR with demolition equipment

NOTE!

The rated loads in the table should be used as a guide.

Attachments, uneven ground conditions and soft or poor ground conditions have an effect on rated load.

The operator is responsible to be aware of these effects.

The equipment should not be lowered to or raised from the ground with the mid or demolition dipper arm extended.

IMPORTANT!

The attachment weight is limited to 3.0 t/6,610 lb, including quick coupler and attachment plate, if fitted.

Weights that exceed 3.0 t/6,610 lb could cause the machine to become unstable and tip over.

EC700BHR Demolition machine with 3-piece High Reach front and boom extension, without attachment or quick fit	
Outreach along undercarriage	Load (without load cell and fixing device)
m	t
ft-in	lb
12.8	6.9*
42' 0"	15,210
16.8	4.7*
55' 1"	10,360
20.0	3.4*
65' 7"	7,500
23.0	2.5
75' 6"	5,510

* The load capacities are limited by the machine's hydraulic lifting capacity rather than the tipping load.

Working pressure with power boost = 35 MPa/ 4,975 psi



The above values are in compliance with ISO 10567 standard. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load, with the machine on firm, level ground.

Lifting capacity EC360CHR

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.

• EC360CHR with modular boom, digging front, and fixed LC undercarriage

 Across undercarriage  Along undercarriage	Lifting hook related to ground level	1.5 m/5'		3.0 m/10'		4.5 m/15'		6.0 m/20'		7.5 m/25'		9.0 m/30'		10.5 m/35'		12.0 m/40'		Max. reach			
Fixed LC undercarriage	7.5 m t																		9.8'	8.7	7.1
	25' lb								21,420*	21,420*									21,660*	19,550	22.89
	6.0 m t								10.4'	10.4'	9.7'	7.8							9.7'	6.9	8.0
	20' lb								22,720*	22,720*	21,380*	16,660							21,390*	15,360	26.13
	4.5 m t					15.4'	15.4'	11.9'	10.7	10.3'	7.5								9.4	6.0	8.6
	15' lb					33,010*	33,010*	25,810*	23,040	22,490*	16,180								20,880	13,250	28.11
	3.0 m t							13.7'	10.0	11.2'	7.2								8.8	5.5	8.9
	10' lb							29,570*	21,600	24,290*	15,500								19,370	12,180	29.09
	1.5 m t								15.1'	9.5	11.1	6.9							8.6	5.4	8.9
	5' lb								32,680*	20,420	24,000	14,870							18,950	11,820	29.18
0.0 m t					19.2'	14.0	15.4	9.2	10.9	6.7								8.9	5.5	8.6	
0' lb					45,170*	30,100	33,170	19,750	23,540	14,450								19,540	12,120	28.38	
-1.5 m t			13.4'	13.4'	20.7'	14.0	15.3	9.1	10.9	6.7								9.7	6.0	8.1	
-5' lb			30,530*	30,530*	45,010*	30,170	32,970	19,580	23,440	14,370								21,450	13,250	26.61	
-3.0 m t			24.8'	24.8'	18.8'	14.3	14.4'	9.2										11.3'	7.1	7.2	
-10' lb			53,920*	53,920*	40,750*	30,710	31,030*	19,880										24,910*	15,860	23.66	
-4.5 m t			19.6'	19.6'	15.1'	14.8												11.2'	10.0	5.9	
-15' lb			42,020*	42,020*	32,190*	31,900												24,570*	22,580	18.95	
Fixed LC undercarriage	7.5 m t									8.8'	8.1							7.5'	7.5'	7.7	
	25' lb									16,960*	16,960*							16,690*	16,690*	25.05	
	6.0 m t									9.0'	8.0							7.3'	6.2	8.6	
	20' lb									19,650*	17,120							16,180*	13,900	28.04	
	4.5 m t					13.8'	13.8'	11.1'	11.0	9.7'	7.7	8.6'	5.6					7.4'	5.5	9.1	
	15' lb					29,580*	29,580*	23,920*	23,630	21,110*	16,540							16,300*	12,160	29.89	
	3.0 m t					17.7'	15.7	12.9'	10.2	10.7'	7.3	8.7	5.5					7.7'	5.1	9.4	
	10' lb					38,010*	33,870	27,920*	22,100	23,160*	15,770	18,650	11,770					16,980*	11,240	30.81	
	1.5 m t					20.5'	14.5	14.6'	9.6	11.2	7.0	8.5	5.3					7.9	4.9	9.4	
	5' lb					44,310*	31,290	31,510*	20,740	24,200	15,040	18,260	11,420					17,450	10,910	30.89	
0.0 m t					21.6'	14.0	15.5	9.2	11.0	6.7	8.4	5.2					8.1	5.0	9.2		
0' lb					46,700*	30,180	33,320	19,870	23,600	14,510	18,000	11,180					17,880	11,100	30.14		
-1.5 m t			13.7'	13.7'	21.3'	13.9	15.3	9.1	10.8	6.6							8.8	5.4	8.7		
-5' lb			30,970*	30,970*	46,120*	29,950	32,900	19,510	23,340	14,270							19,330	11,960	28.49		
-3.0 m t	16.2'	16.2'	21.8'	21.8'	19.9'	14.1	15.0'	9.1	10.9	6.7							10.2	6.3	7.9		
-10' lb	36,300*	36,300*	49,320*	49,320*	43,020*	30,290	32,430*	19,620	23,520	14,430							22,570	13,900	25.76		
-4.5 m t			22.9'	22.9'	17.0	14.5	12.7'	9.4									11.0'	8.2	6.6		
-15' lb			49,370*	49,370*	36,430*	31,210	27,060*	20,300									24,220*	18,410	21.52		
Fixed LC undercarriage	9.0 m t																	6.4'	6.4'	7.3	
	30' lb																	14,320*	14,320*	23.51	
	7.5 m t									7.8'	7.8'							6.0'	6.0'	8.5	
	25' lb									17,250*	17,250*							13,280*	13,280*	27.62	
	6.0 m t									8.1'	8.1'	7.4'	6.0					5.9'	5.6	9.3	
	20' lb									17,850*	17,740	14,340*	12,770					12,930*	12,480	30.35	
	4.5 m t							10.0'	10.0'	9.0'	7.9	8.4'	5.8					5.9'	5.0	9.8	
	15' lb							21,670*	21,670*	19,540*	17,080	18,440*	12,540					13,030*	11,090	32.06	
	3.0 m t					15.9'	15.9'	12.0'	10.6	10.0'	7.5	8.9	5.6					6.1'	4.7	10.0	
	10' lb					34,150*	34,150*	25,890*	22,850	21,830*	16,240	19,030	12,120					13,490*	10,320	32.92	
1.5 m t					19.3'	15.0	13.9'	9.9	11.1'	7.1	8.6	5.4					6.5'	4.5	10.1		
5' lb					41,680*	32,360	29,970*	21,310	24,150*	15,390	18,530	11,670					14,410*	10,010	33.00		
0.0 m t			8.3'	8.3'	21.2'	14.2	15.2'	9.4	11.1	6.8	8.4	5.2					7.2'	4.6	9.8		
0' lb			18,960*	18,960*	45,810*	30,620	32,900*	20,200	23,850	14,730	18,130	11,300					15,900*	10,130	32.30		
-1.5 m t	8.8'	8.8'	12.9'	12.9'	21.6'	13.9	15.4	9.1	10.9	6.7	8.3	5.2					7.8	4.9	9.4		
-5' lb	19,570*	19,570*	29,230*	29,230*	46,740*	29,980	33,020	19,610	23,410	14,330	17,940	11,130					17,320	10,760	30.76		
-3.0 m t	13.7'	13.7'	18.8'	18.8'	20.8'	14.0	15.3	9.1	10.8	6.6							8.9	5.5	8.6		
-10' lb	30,660*	30,660*	42,540*	42,540*	45,000*	30,030	32,890	19,500	23,350	14,280							19,630	12,160	28.26		
-4.5 m t	19.6'	19.6'	26.2'	26.2'	18.7'	14.2	14.1'	9.2	10.5'	6.8							10.4'	6.8	7.5		
-15' lb	44,010*	44,010*	56,620*	56,620*	40,250*	30,660	30,200*	19,890									23,050*	15,140	24.47		
-6.0 m t			19.7'	19.7'	14.3'	14.3'											10.6'	10.2	5.8		
-20' lb			41,650*	41,650*	30,210*	30,210*											23,220*	23,220*	18.63		






















- 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 EC360CHR

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.

• EC360CHR with modular boom, digging front, and fixed LC undercarriage

 Across undercarriage  Along undercarriage	Lifting hook related to ground level	1.5 m/5'		3.0 m/10'		4.5 m/15'		6.0 m/20'		7.5 m/25'		9.0 m/30'		10.5 m/35'		12.0 m/40'		Max. reach		Max. m/ft	
																					
Fixed LC undercarriage	10.5 m 35' lb																		16.9'	16.9'	4.3
	9.0 m 30' lb					15.7'	15.7'	13.9'	11.5										12.9'	9.9	6.5
	7.5 m 25' lb					14.2'	14.2'	13.7'	11.5	12.0'	7.8								11.3	7.2	7.8
	6.0 m 20' lb					17.9'	17.7	14.4'	11.1	12.0	7.7								9.3	5.9	8.7
	4.5 m 15' lb								15.3'	10.4	11.7	7.4	8.7	5.5					8.3	5.2	9.2
	3.0 m 10' lb								16.0'	9.7	11.3	7.0	8.5	5.3					7.8	4.9	9.5
	1.5 m 5' lb								15.5	9.2	11.0	6.8	8.3	5.2					7.7	4.8	9.5
	0.0 m 0' lb								14.7'	9.0	10.8	6.6	8.3	5.1					8.0	4.9	9.2
	-1.5 m -5' lb					14.3'	13.9	12.6'	8.9	10.0'	6.5								7.0'	5.4	8.8
	-3.0 m -10' lb								9.2'	9.1	6.7'	6.7							6.1'	6.1'	7.7
Fixed LC undercarriage	10.5 m 35' lb					13.2'	13.2'												10.2'	10.2'	5.4
	9.0 m 30' lb							12.0'	11.9										8.3'	8.3	7.3
	7.5 m 25' lb					10.8'	10.8'	11.9'	11.8	11.4'	8.0								7.5'	6.3	8.5
	6.0 m 20' lb			10.6'	10.6'	12.5'	12.5'	13.3'	11.4	11.7'	7.9	8.9	5.7						7.2'	5.4	9.3
	4.5 m 15' lb					19.7'	16.8	14.8'	10.7	11.9	7.5	8.8	5.6						7.0'	4.8	9.8
	3.0 m 10' lb								15.8'	10.0	11.5	7.2	8.6	5.4					7.1'	4.5	10.0
	1.5 m 5' lb								15.7	9.4	11.1	6.8	8.4	5.2					7.1	4.4	10.0
	0.0 m 0' lb					11.8'	11.8'	15.3	9.0	10.8	6.6	8.3	5.1						7.3	4.5	9.8
	-1.5 m -5' lb					16.5'	13.7	13.6'	8.9	10.7	6.5	7.9'	5.1						6.9'	4.8	9.4
	-3.0 m -10' lb					12.5'	12.5'	10.7'	9.0	8.3'	6.6								5.5'	5.5'	8.6
Fixed LC undercarriage	12.0 m 40' lb																		10.8'	10.8'	3.9
	10.5 m 35' lb								9.8'	9.8'									7.6'	7.6'	6.6
	9.0 m 30' lb								9.7'	9.7'	9.1'	8.3							6.5'	6.5'	8.2
	7.5 m 25' lb								9.3'	9.3'	9.7'	8.3	7.7'	6.0					6.0'	5.6	9.3
	6.0 m 20' lb					8.7'	8.7'	10.0'	10.0'	10.4'	8.1	9.2	5.9						5.7'	4.8	10.0
	4.5 m 15' lb					15.9'	15.9'	13.4'	11.1	11.7'	7.8	9.0	5.8						5.6'	4.4	10.5
	3.0 m 10' lb								15.4'	10.3	11.7	7.4	8.7	5.5	6.8	4.3			5.7'	4.1	10.7
	1.5 m 5' lb								16.0	9.6	11.2	7.0	8.5	5.3	6.7	4.2			5.9'	4.0	10.7
	0.0 m 0' lb					13.6'	13.6'	15.4	9.1	10.9	6.7	8.3	5.2	6.6'	4.1				6.2'	4.1	10.5
	-1.5 m -5' lb			8.0'	8.0'	17.5'	13.7	14.5'	8.9	10.7	6.5	8.2	5.1						6.7'	4.3	10.1
Fixed LC undercarriage	12.0 m 40' lb																		10.8'	10.8'	3.9
	10.5 m 35' lb								9.8'	9.8'									7.6'	7.6'	6.6
	9.0 m 30' lb								9.7'	9.7'	9.1'	8.3							6.5'	6.5'	8.2
	7.5 m 25' lb								9.3'	9.3'	9.7'	8.3	7.7'	6.0					6.0'	5.6	9.3
	6.0 m 20' lb					8.7'	8.7'	10.0'	10.0'	10.4'	8.1	9.2	5.9						5.7'	4.8	10.0
	4.5 m 15' lb					15.9'	15.9'	13.4'	11.1	11.7'	7.8	9.0	5.8						5.6'	4.4	10.5
	3.0 m 10' lb								15.4'	10.3	11.7	7.4	8.7	5.5	6.8	4.3			5.7'	4.1	10.7
	1.5 m 5' lb								16.0	9.6	11.2	7.0	8.5	5.3	6.7	4.2			5.9'	4.0	10.7
	0.0 m 0' lb					13.6'	13.6'	15.4	9.1	10.9	6.7	8.3	5.2	6.6'	4.1				6.2'	4.1	10.5
	-1.5 m -5' lb			8.0'	8.0'	17.5'	13.7	14.5'	8.9	10.7	6.5	8.2	5.1						6.7'	4.3	10.1



- 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 EC360CHR

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.

• EC360CHR with modular boom, digging front and hydraulically retractable undercarriage

 Across undercarriage  Along undercarriage	Lifting hook related to ground level	1.5 m/5'		3.0 m/10'		4.5 m/15'		6.0 m/20'		7.5 m/25'		9.0 m/30'		10.5 m/35'		12.0 m/40'		Max. reach			
																					Max. m/ft
Undercarriage hydraulically retractable Bent boom configuration 6.5 m/21' 4" Arm 2.6 m/8' 6" Counterweight 7,300 kg/ 16,094 lb	7.5 m t 25' lb								21,420*	21,420*									9.8'	9.8'	7.1
	6.0 m t 20' lb								10.4'	10.4'	9.7'	9.7'							9.7'	9.7'	8.0
	4.5 m t 15' lb					15.4'	15.4'	11.9'	11.9'	10.3'	10.3'								9.8'	8.6	8.6
	3.0 m t 10' lb								13.7'	13.7'	11.2'	10.4							9.6	8.0	8.9
	1.5 m t 5' lb								15.1'	14.1	12.0'	10.1							9.4	7.9	8.9
	0.0 m t 0' lb					19.2'	19.2'	15.8'	13.8	11.9	9.9								9.7	8.1	8.6
	-1.5 m t -5' lb			13.4'	13.4'	20.7'	20.7'	15.6'	13.7	11.9	9.9								10.6	8.8	8.1
	-3.0 m t -10' lb			24.8'	24.8'	18.8'	18.8'	14.4'	13.8										11.3'	10.5	7.2
	-4.5 m t -15' lb			19.6'	19.6'	15.1'	15.1'												11.2'	11.2'	5.9
Undercarriage hydraulically retractable Bent boom configuration 6.5 m/21' 4" Arm 3.2 m/10' 6" Counterweight 7,300 kg/ 16,094 lb	7.5 m t 25' lb									8.8'	8.8'							7.5'	7.5'	7.7	
	6.0 m t 20' lb									9.0'	9.0'							7.3'	7.3'	8.6	
	4.5 m t 15' lb					13.8'	13.8'	11.1'	11.1'	9.7'	9.7'	8.6'	8.1					7.4'	7.4'	9.1	
	3.0 m t 10' lb					17.7'	17.7'	12.9'	12.9'	10.7'	10.6	9.5	7.9					7.7'	7.4	9.4	
	1.5 m t 5' lb					20.5'	20.5'	14.6'	14.3	11.6'	10.2	9.3	7.8					8.3'	7.2	9.4	
	0.0 m t 0' lb					21.6'	21.6'	15.6'	13.8	12.0	9.9	9.1	7.6					8.9	7.4	9.2	
	-1.5 m t -5' lb			13.7'	13.7'	21.3'	21.3'	15.8'	13.6	11.8	9.8							9.6	8.0	8.7	
	-3.0 m t -10' lb	16.2'	16.2'	21.8'	21.8'	19.9'	19.9'	15.0'	13.7	11.6'	9.9							10.7'	9.2	7.9	
	-4.5 m t -15' lb			22.9'	22.9'	17.0'	17.0'	12.7'	12.7'									11.0'	11.0'	6.6	
Undercarriage hydraulically retractable Bent boom configuration 6.5 m/21' 4" Arm 3.9 m/12' 10" Counterweight 7,300 kg/ 16,094 lb	9.0 m t 30' lb																	6.4'	6.4'	7.3	
	7.5 m t 25' lb									7.8'	7.8'							6.0'	6.0'	8.5	
	6.0 m t 20' lb									8.1'	8.1'	7.4'	7.4'					5.9'	5.9'	9.3	
	4.5 m t 15' lb							10.0'	10.0'	9.0'	9.0'	8.4'	8.3					5.9'	5.9'	9.8	
	3.0 m t 10' lb					15.9'	15.9'	12.0'	12.0'	10.0'	10.0'	9.0'	8.1					6.1'	6.1'	10.0	
	1.5 m t 5' lb					19.3'	19.3'	13.9'	13.9'	11.1'	10.4	9.4	7.9					6.5'	6.5'	10.1	
	0.0 m t 0' lb			8.3'	8.3'	21.2'	21.2'	15.2'	14.0	12.0'	10.0	9.2	7.7					7.2'	6.8	9.8	
	-1.5 m t -5' lb	8.8'	8.8'	12.9'	12.9'	21.6'	21.6'	15.8'	13.7	11.9	9.8	9.1	7.6					8.3'	7.2	9.4	
	-3.0 m t -10' lb	13.7'	13.7'	18.8'	18.8'	20.8'	20.8'	15.5'	13.6	11.8	9.8							9.7	8.1	8.6	
	-4.5 m t -15' lb	19.6'	19.6'	26.2'	26.2'	18.7'	18.7'	14.1'	13.8	10.5'	10.0							10.4'	10.0	7.5	
	-6.0 m t -20' lb			19.7'	19.7'	14.3'	14.3'											10.6'	10.6'	5.8	






















- 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 EC360CHR

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.

• EC360CHR with modular boom, digging front and hydraulically retractable undercarriage

 Across undercarriage  Along undercarriage	Lifting hook related to ground level	1.5 m/5'		3.0 m/10'		4.5 m/15'		6.0 m/20'		7.5 m/25'		9.0 m/30'		10.5 m/35'		12.0 m/40'		Max. reach		Max. m/ft	
																					
Undercarriage hydraulically retractable	10.5 m 35' lb																		16.9'	16.9'	4.3
	9.0 m 30' lb					15.7'	15.7'	13.9'	13.9'										12.9'	12.9'	6.5
	7.5 m 25' lb					14.2'	14.2'	13.7'	13.7'	12.0'	11.1								11.4'	10.3	7.8
	6.0 m 20' lb					17.9'	17.9'	14.4'	14.4'	12.1'	11.0								10.2	8.5	8.7
	4.5 m 15' lb							15.3'	15.1	12.4'	10.6	9.4	7.9						9.1	7.6	9.2
	3.0 m 10' lb							16.0'	14.4	12.3	10.3	9.3	7.8						8.6	7.2	9.5
	1.5 m 5' lb							15.9'	13.8	12.0	10.0	9.1	7.6						8.5	7.1	9.5
	0.0 m 0' lb							14.7'	13.5	11.7'	9.8	8.8'	7.5						8.1'	7.3	9.2
	-1.5 m -5' lb					14.3'	14.3'	12.6'	12.6'	10.0'	9.7								7.0'	7.0'	8.8
	-3.0 m -10' lb							9.2'	9.2'	6.7'	6.7'								6.1'	6.1'	7.7
Straight boom configuration 6.8 m/22' 4"	10.5 m 35' lb					13.2'	13.2'												10.2'	10.2'	5.4
	9.0 m 30' lb							12.0'	12.0'	26,370*	26,370*								8.3'	8.3'	7.3
	7.5 m 25' lb					10.8'	10.8'	11.9'	11.9'	11.4'	11.3								7.5'	7.5'	8.5
	6.0 m 20' lb			10.6'	10.6'	12.5'	12.5'	13.3'	13.3'	11.7'	11.2	9.7	8.2						7.2'	7.2'	9.3
	4.5 m 15' lb					19.7'	19.7'	14.8'	14.8'	12.1'	10.8	9.6	8.1						7.0'	7.0	9.8
	3.0 m 10' lb							15.8'	14.6	12.5	10.4	9.4	7.9						7.1'	6.6	10.0
	1.5 m 5' lb							16.0'	14.0	12.1	10.0	9.2	7.7						7.4'	6.5	10.0
	0.0 m 0' lb					11.8'	11.8'	15.3'	13.6	11.8	9.8	9.0	7.5						7.8'	6.7	9.8
	-1.5 m -5' lb					16.5'	16.5'	13.6'	13.5	10.8'	9.7	7.9'	7.5						6.9'	6.9'	9.4
	-3.0 m -10' lb					12.5'	12.5'	10.7'	10.7'	8.3'	8.3'								5.5'	5.5'	8.6
Arm 2.6 m/8' 6"	12.0 m 40' lb																		10.8'	10.8'	3.9
	10.5 m 35' lb							9.8'	9.8'										7.6'	7.6'	6.6
	9.0 m 30' lb							9.7'	9.7'	9.1'	9.1'								6.5'	6.5'	8.2
	7.5 m 25' lb							9.3'	9.3'	9.7'	9.7'	7.7'	7.7'						6.0'	6.0'	9.3
	6.0 m 20' lb					8.7'	8.7'	10.0'	10.0'	10.4'	10.4'	9.6'	8.4						5.7'	5.7'	10.0
	4.5 m 15' lb					15.9'	15.9'	13.4'	13.4'	11.7'	11.1	9.8	8.2						5.6'	5.6'	10.4
	3.0 m 10' lb							15.4'	15.0	12.3'	10.6	9.5	8.0	7.4	6.3				5.7'	5.7'	10.7
	1.5 m 5' lb							16.0'	14.2	12.2	10.2	9.3	7.8	7.3	6.2				5.9'	5.9'	10.7
	0.0 m 0' lb					13.6'	13.6'	15.8'	13.7	11.9	9.9	9.1	7.6	6.6'	6.1				6.2'	6.1	10.5
	-1.5 m -5' lb			8.0'	8.0'	17.5'	17.5'	14.5'	13.5	11.5'	9.7	9.0'	7.5						6.7'	6.4	10.1
Counterweight 7,300 kg/16,094 lb	-3.0 m -10' lb					15.0'	15.0'	12.2'	12.2'	9.6'	9.6'	6.9'	6.9'						5.6'	5.6'	9.4
	-4.5 m -15' lb							8.6'	8.6'	6.3'	6.3'								6.2'	6.2'	7.6
	10.5 m 35' lb							18.250*	18.250*										14.160*	14.160*	24.01
	9.0 m 30' lb							20,240*	20,240*										17,110*	17,110*	21.00
	7.5 m 25' lb							20,660*	20,660*	21,360*	21,360*	14,340*	14,340*						13,190*	13,190*	30.20
	6.0 m 20' lb							19,170*	19,170*	21,890*	21,890*	22,840*	22,840*	20,530*	18,070				12,590*	12,590*	32.71
	4.5 m 15' lb							32,630*	32,630*	28,820*	28,820*	25,470*	23,820	21,010	17,730				12,390*	12,390*	34.30
	3.0 m 10' lb									33,240*	32,320	26,640*	22,870	20,510	17,240	13,380*	13,380*		12,520*	12,520*	35.11
	1.5 m 5' lb									34,700*	30,670	26,360	21,970	19,990	16,740	14,480*	13,230		12,950*	12,950*	35.18
	0.0 m 0' lb									31,800*	31,800*	34,210*	29,550	25,650	21,290	19,590	16,350		13,750*	13,370	34.52






















- 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 EC700BHR

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.

• EC700BHR with mechanical retractable undercarriage

 Across undercarriage  Along undercarriage	Lifting hook related to ground level	1.5 m/5'		3.0 m/10'		4.5 m/15'		6.0 m/20'		7.5 m/25'		9.0 m/30'		10.5 m/35'		12.0 m/40'		Max. reach					
																					Max. m/ft		
Undercarriage mechanical retractable	9.0 m t 30' lb																			11.8*	11.8*	8.8	
	7.5 m t 25' lb									16.6*	16.6*	15.3*	13.4							11.5*	11.5	9.7	
	6.0 m t 20' lb							21.0*	21.0*	36,270*	36,270*	33,520*	28,600							11.4*	10.0	10.4	
	4.5 m t 15' lb							23.7*	23.5	51,040*	50,790	41,520*	35,800	35,810*	26,610	27,470*	20,210			11.7*	9.0	10.7	
	3.0 m t 10' lb							26.0*	21.5	56,250*	46,400	44,420*	33,420	37,020	25,260	28,780	19,570			12.2*	8.5	10.9	
	1.5 m t 5' lb							27.3*	20.0	59,200*	43,210	46,390*	31,440	35,720	24,060	28,100	18,930			12.4	8.3	10.9	
	0.0 m t 0' lb					19.6*	19.6*	27.3*	19.3	45,430*	45,430*	59,310*	41,470	45,790	30,090	34,770	23,180			12.7	8.5	10.6	
	-1.5 m t -5' lb			16.5*	16.5*	29.5*	29.5*	26.2*	19.0	37,300*	37,300*	67,460*	65,310	56,770*	40,830	45,070	29,440	34,320	22,770		13.5	9.0	10.1
	-3.0 m t -10' lb			27.7*	27.7*	29.3*	29.3*	23.8*	19.1	62,560*	62,560*	63,700*	63,700*	51,520*	41,040	41,430*	29,480	32,360*	22,980		14.1*	10.1	9.4
	-4.5 m t -15' lb			27.6*	27.6*	24.0*	24.0*	19.8*	19.5	59,660*	59,660*	51,740*	51,740*	42,570*	42,090	33,320*	30,360				13.2*	12.3	8.3
-6.0 m t -20' lb					15.8*	15.8*	12.9*	12.9*			26,410*	26,410*								10.8*	10.8*	6.7	
																				23,909*	23,909*	21.56	
Undercarriage mechanical retractable	9.0 m t 30' lb											17.3*	17.3*							15.0*	15.0*	8.1	
	7.5 m t 25' lb											17.6*	17.6*	16.1*	12.8					14.4*	12.5	9.1	
	6.0 m t 20' lb					29.4*	29.4*	22.3*	22.3*	38,340*	38,340*	18.6*	17.2	16.4*	12.6					14.3*	10.7	9.8	
	4.5 m t 15' lb					24.9*	22.7	19.9*	16.2	62,870*	62,870*	48,160*	40,400*	37,010	35,800*	26,950				14.2	9.7	10.2	
	3.0 m t 10' lb					26.9*	20.9	21.1*	15.2	53,720*	49,110	43,150*	34,860	36,960*	25,930					13.5	9.1	10.4	
	1.5 m t 5' lb					27.6*	19.7	21.7*	14.4	58,220*	45,110	45,650*	32,720	36,480	24,770					13.3	9.0	10.3	
	0.0 m t 0' lb					27.0*	19.2	21.2	13.9	59,920*	42,550	46,800	31,020	35,390	23,760					13.7	9.2	10.0	
	-1.5 m t -5' lb					29.0*	29.0*	25.3*	19.1	58,680*	41,380	45,650	29,980	34,680	23,100					14.8	9.9	9.5	
	-3.0 m t -10' lb			27.2*	27.2*	26.4*	26.4*	22.3*	19.4	66,310*	66,310*	54,920*	41,180	44,300*	29,610	34,510	22,950				14.3*	11.3	8.7
	-4.5 m t -15' lb					20.5*	20.5*	17.4*	17.4*	59,960*	59,960*	57,590*	57,590*	48,330*	41,730	38,880*	29,960				12.8*	12.8*	7.6
						44,130*	44,130*	37,240*	37,240*											27,890*	27,890*	24.54	
Undercarriage mechanical retractable	10.5 m t 35' lb																			9.9*	9.9*	8.3	
	9.0 m t 30' lb												12.2*	12.2*						9.2*	9.2*	9.5	
	7.5 m t 25' lb												14.1*	13.5						8.9*	8.9*	10.4	
	6.0 m t 20' lb											16.5*	16.5*	14.7*	13.0	12.6*	9.7			8.9*	8.8	11.0	
	4.5 m t 15' lb					29.7*	29.7*	22.0*	22.0*	35,730*	35,730*	31,980*	27,960	24,930*	20,740					9.1*	8.0	11.3	
	3.0 m t 10' lb					24.8*	22.0	19.6*	15.6	63,660*	63,660*	47,550*	47,550*	39,000*	36,230	33,740*	26,640	29,420	20,120	20,050*	17,790	37.19	
	1.5 m t 5' lb					26.6*	20.3	20.7*	14.6	53,450*	47,530	42,320*	33,730	35,600*	25,190	28,560	19,320			10.1*	7.4	11.5	
	0.0 m t 0' lb					21.1*	21.1*	27.2*	19.3	42,770*	42,770*	57,520*	43,850	44,890*	31,530	35,540	23,840	27,730	18,530	22,300*	16,340	37.61	
	-1.5 m t -5' lb			15.8*	15.8*	27.8*	27.8*	26.6*	18.8	48,580*	48,580*	58,900*	41,560	45,670	29,910	34,400	22,790	27,080	17,930	24,480*	16,540	36.81	
	-3.0 m t -10' lb		19.2*	19.2*	24.2*	24.2*	31.6*	30.4	24.8*	18.7	26,470*	26,470*	33,960*	33,960*	28,810	33,580	22,030			11.1*	7.5	11.2	
-4.5 m t -15' lb			33.6*	33.6*	26.9*	26.9*	21.5*	19.0	42,910*	42,910*	54,640*	54,640*	68,460*	65,100	53,610*	40,280	42,700*	28,710	33,580	22,030			
-6.0 m t -20' lb					19.9*	19.9*	16.1*	16.1*			42,300*	42,300*	33,960*	33,960*						11.3*	11.3*	7.6	
						42,300*	42,300*	33,960*	33,960*											24,590*	24,590*	24.72	























- 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 EC700BHR

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.

• EC700BHR with mechanical retractable undercarriage























 Along undercarriage  Across undercarriage	Lifting hook related to ground level		1.5 m/5'		3.0 m/10'		4.5 m/15'		6.0 m/20'		7.5 m/25'		9.0 m/30'		10.5 m/35'		12.0 m/40'		Max. reach			
																						
Undercarriage mechanical retractable	12.0 m	t							19.1*	19.1*									15.1*	15.1*	7.0	
	40'	lb							41,120*	41,120*									34,250*	34,250*	21.95	
	10.5 m	t									18.0*	18.0*							13.2*	13.2*	8.6	
	35'	lb									39,080*	39,080*							29,350*	29,350*	27.84	
	9.0 m	t							17.5*	17.5*	18.5*	18.3	17.0*	13.0					12.2*	10.9	9.8	
	30'	lb							38,790*	38,790*	40,700*	39,200	36,570*	27,870					26,960*	24,390	31.91	
	7.5 m	t							19.8*	19.8*	19.7*	17.6	17.1*	12.8	13.8*	9.5			11.6*	9.2	10.7	
	25'	lb							42,870*	42,870*	42,780*	37,920	37,130*	27,490					25,740*	20,450	34.79	
	6.0 m	t							25.3*	23.9	20.5*	16.6	17.4*	12.3	13.6	9.3			11.4*	8.1	11.2	
	20'	lb							54,740*	51,540	44,500*	35,870	37,780*	26,450	29,270	20,020			25,200*	18,070	36.77	
Straight boom configuration 8.3 m/27' 3"	4.5 m	t							27.0*	21.6	21.3*	15.5	17.1	11.7	13.3	9.0			11.2*	7.5	11.6	
	15'	lb							58,330*	46,820	46,210*	33,460	36,890	25,140	28,600	19,400			24,760	16,640	37.99	
	3.0 m	t									21.7*	14.5	16.5	11.1	12.9	8.7			10.8	7.2	11.7	
	10'	lb									47,010	31,200	35,460	23,820	27,850	18,690			23,820	15,890	38.52	
	1.5 m	t									21.0	13.7	15.9	10.6	12.6	8.4			10.7	7.1	11.7	
	5'	lb									45,140	29,510	34,300	22,740	27,200	18,080			23,660	15,700	38.40	
	0.0 m	t							24.2*	18.3	20.1*	13.2	15.6	10.2	12.4	8.2			10.9*	7.3	11.5	
	0'	lb							52,810*	39,450	43,590*	28,540	33,550	22,060	26,820	17,730			24,040*	16,090	37.62	
	-1.5 m	t							20.9*	18.3	17.9*	13.1	14.7*	10.1	11.4*	8.2			9.7*	7.8	11.0	
	-5'	lb							45,600*	39,450	38,710*	28,260	31,670*	21,840	23,950*	17,770			21,260*	17,150	36.12	
Arm 3.6 m/11' 8"	-3.0 m	t			16.2*	16.2*	16.6*	16.6*	14.6*	13.3	11.7*	10.3							7.9*	7.9*	10.3	
	-10'	lb			35,670*	35,670*	36,090*	36,090*	31,350*	28,580	24,940*	22,150							17,240*	17,240*	33.82	
	-4.5 m	t							11.0*	11.0*	9.8*	9.8*	6.7*	6.7*					6.0*	6.0*	9.2	
	-15'	lb							23,560*	23,560*	20,520*	20,520*							13,390*	13,390*	29.74	
	Undercarriage mechanical retractable	12.0 m	t																	20.5*	20.5*	5.9
		40'	lb																	46,770*	46,770*	18.31
		10.5 m	t							22.7*	22.7*	20.1*	17.5							17.0*	16.0	7.8
		35'	lb							50,320*	50,320*	39,180*	37,120							38,110*	36,810	25.09
		9.0 m	t							22.2*	22.2*	19.9*	17.7	17.4*	12.4					15.5*	12.1	9.1
		30'	lb							48,960*	48,960*	43,250*	37,880							34,350*	27,220	29.54
7.5 m		t			28.3*	28.3*	24.6*	24.6*	20.3*	17.1	17.5*	12.4							14.6*	10.0	10.0	
25'		lb			57,750*	57,750*	53,140*	53,140*	44,090*	36,790	38,040*	26,570							32,430*	22,340	32.63	
6.0 m		t							26.2*	23.0	21.1*	16.2	17.5	12.0	13.3	9.0			13.0	8.8	10.6	
20'		lb							56,680*	49,770	45,610*	34,880	37,540	25,750					28,820	19,530	34.73	
Straight boom configuration 8.3 m/27' 3"	4.5 m	t							21.7*	15.1	16.9	11.4	13.1	8.8					12.1	8.1	11.0	
	15'	lb							46,960*	32,640	36,290	24,590	28,090	18,930					26,660	17,890	36.02	
	3.0 m	t							21.5	14.2	16.3	10.9	12.8	8.6					11.6	7.7	11.2	
	10'	lb							46,380	30,630	35,060	23,460	27,540	18,410					25,610	17,070	36.59	
	1.5 m	t							20.8	13.6	15.8	10.5	12.6	8.4					11.6	7.7	11.1	
	5'	lb							44,850	29,250	34,110	22,580	27,080	17,980					25,500	16,930	36.46	
	0.0 m	t							19.3*	13.3	15.6	10.3	12.5*	8.3					11.2*	7.9	10.9	
	0'	lb							41,980*	28,600	33,590	22,100	26,330*	17,850					24,670*	17,460	35.63	
	-1.5 m	t							18.7*	18.7	16.6*	13.3	13.7*	10.2					9.6*	8.5	10.4	
	-5'	lb							40,980*	40,110	36,100*	28,580	29,300*	22,100					21,190*	18,840	34.05	
Arm 2.9 m/9' 6"	-3.0 m	t							14.1*	14.1*	12.8*	12.8*	9.9*	9.9*					7.4*	7.4*	9.7	
	-10'	lb							30,640*	30,640*	27,480*	27,480*	20,500*	20,500*					16,060*	16,060*	31.60	
	Undercarriage mechanical retractable	13.5 m	t																	14.5*	14.5*	5.7
		45'	lb																			
		12.0 m	t									14.0*	14.0*							11.5*	11.5*	8.0
		40'	lb									27,900*	27,900*							25,890*	25,890*	25.41
		10.5 m	t									14.7*	14.7*	13.1*	13.1*					10.2*	10.2*	9.5
		35'	lb									32,530*	32,530*	26,070*	26,070*					22,670*	22,670*	30.64
		9.0 m	t									14.6*	14.6*	13.9*	13.2	10.2*	9.5			9.5*	9.4	10.6
		30'	lb									32,340*	32,340*	30,340*	28,180					20,940*	20,940*	34.38
7.5 m		t							14.6*	14.6*	15.6*	14.1*	12.9	12.4*	9.5				9.1*	8.0	11.4	
25'		lb							31,900*	31,900*	34,260*	34,260*	30,660*	27,600	27,050*	20,380			20,040*	17,840	37.06	
Straight boom configuration 8.3 m/27' 3"	6.0 m	t							21.1*	21.1*	17.1*	16.8	14.5*	12.3	12.5*	9.3			8.9*	7.2	11.9	
	20'	lb							44,570*	44,570*	37,060*	36,300	31,380*	26,490	27,170*	19,910			19,660*	15,870	38.93	
	4.5 m	t							22.7*	22.3	17.9*	15.7	14.8*	11.7	12.6*	8.9	10.4	6.9	8.9*	6.6	12.2	
	15'	lb							48,970*	48,170	38,750*	33,840	32,140*	25,100	27,340*	19,160	20,510*	14,720	19,680*	14,650	40.08	
	3.0 m	t							23.6*	20.3	18.4*	14.6	15.0*	11.0	12.6*	8.5	10.2	6.7	9.1*	6.3	12.4	
	10'	lb							51,050*	43,780	39,850*	31,420	32,570*	23,670	27,240*	18,340	21,930	14,400	20,110*	13,990	40.59	
	1.5 m	t							23.3	18.9	18.3*	13.7	14.9*	10.4	12.3*	8.2	9.9*	6.6	9.2*	6.3	12.3	
	5'	lb							50,520*	40,760	39,730*	29,480	32,240*	22,450	26,570*	17,610	21,030*	14,090	20,270*	13,810	40.47	
	0.0 m	t							21.7*	18.2	17.5*	13.1	14.3*	10.0	11.6*	7.9	8.8*	6.5	8.5*	6.4	12.1	
	0'	lb							47,280*	39,240	37,970*	28,230	30,810*	21,590	24,960*	17,090			18,650*	14,110	39.73	
Arm 4.2 m/13' 9"	-1.5 m	t			16.0*	16.0*	19.2*	18.1	15.9*	12.9	13.0*	9.8	10.3*	7.8					7.5*	6.8	11.7	
	-5'	lb			36,900*	36,900*	41,790*	38,810	34,400*	27,670	27,920*	21,160	21,890*	16,900					16,540*	14,960	38.31	
	-3.0 m	t							17.0*	17.0*	15.8*	15.8*	13.4*	12.9	10.8*	9.8			6.2*	6.2*	11.0	
	-10'	lb							37,160*	37,160*	34,160*	34,160*	28,770*	27,730	23,050*	21,220	16,190*	16,190*	13,580*	13,580*	36.16	
	-4.5 m	t							11.2*	11.2*	11.2*	11.2*	9.7*	9.7*	7.3*	7.3*			4.3*	4.3*	10.1	
	-15'	lb							24,060*	24,060*	24,040*	24,040*	20,520*	20,520*	15							

Lifting capacity EC700BHR

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.

• EC700BHR with hydraulically retractable undercarriage

 Across undercarriage  Along undercarriage	Lifting hook related to ground level	1.5 m/5'		3.0 m/10'		4.5 m/15'		6.0 m/20'		7.5 m/25'		9.0 m/30'		10.5 m/35'		12.0 m/40'		Max. reach					
																							
Undercarriage hydraulically retractable	9.0 m t																			11.8'	11.8'	8.8	
	30' lb																				26,220*	26,220*	28.50
	7.5 m t									16.6'	16.6'	15.3'	15.3'								11.5'	11.5'	9.7
	25' lb									36,270*	36,270*	33,520*	33,520*								25,320*	25,320*	31.69
	6.0 m t							21.0'	21.0'												11.4'	11.4'	10.4
	20' lb									38,540*	38,540*	34,340*	34,340*								25,210*	25,210*	33.86
	4.5 m t							23.7'	23.7'	19.2'	19.2'	16.5'	16.5'	14.7'	14.6'						11.7'	11.7'	10.7
	15' lb									51,040*	51,040*	41,520*	41,520*	35,810*	35,810*	27,470*	27,470*				25,730*	25,730*	35.18
	Bent boom configuration 7.7 m/25' 3"	3.0 m t							26.0'	26.0'	20.5'	20.5'	17.2'	17.2'	15.0'	14.3'					12.2'	12.2'	10.9
	10' lb									56,250*	56,250*	44,420*	44,420*	37,320*	37,320*	32,200*	30,650*				26,870*	26,870*	35.76
Arm 3.6 m/11' 8"	1.5 m t							27.3'	27.3'	21.4'	21.4'	17.7'	17.6'	14.7'	13.9'					13.1'	13.1'	10.9	
	5' lb									59,200*	59,200*	46,390*	46,390*	38,360*	37,940*	31,530*	29,980*				28,770*	28,770*	35.62
	0.0 m t					19.6'	19.6'	27.3'	27.3'	21.6'	21.6'	17.7'	17.2'	14.4'	13.7'					14.2'	13.5'	10.6	
	0' lb					45,430*	45,430*	59,310*	59,310*	46,850*	46,850*	38,390*	37,010*								31,380*	29,820*	34.77
	Counterweight 11,300 kg/24,912 lb	-1.5 m t		16.5'	16.5'	29.5'	29.5'	26.2'	26.2'	21.0'	21.0'	17.1'	17.0'								14.4'	14.4'	10.1
	-5' lb			37,300*	37,300*	67,460*	67,460*	56,770*	56,770*	45,390*	45,390*	36,830*	36,830*								31,740*	31,740*	33.15
	-3.0 m t			27.7'	27.7'	29.3'	29.3'	23.8'	23.8'	19.2'	19.2'	15.2'	15.2'								14.1'	14.1'	9.4
	-10' lb			62,560*	62,560*	63,700*	63,700*	51,520*	51,520*	41,430*	41,430*	32,360*	32,360*								31,040*	31,040*	30.63
	-4.5 m t			27.6'	27.6'	24.0'	24.0'	19.8'	19.8'	15.7'	15.7'										13.2'	13.2'	8.3
	-15' lb			59,660*	59,660*	51,740*	51,740*	42,570*	42,570*	33,320*	33,320*										28,990*	28,990*	26.96
-6.0 m t					15.8'	15.8'	12.9'	12.9'												10.8'	10.8'	6.7	
-20' lb							26,410*	26,410*												23,090*	23,090*	21.56	
Undercarriage hydraulically retractable	9.0 m t									17.3'	17.3'									15.0'	15.0'	8.1	
	30' lb									37,980*	37,980*									33,250*	33,250*	26.22	
	7.5 m t									17.6'	17.6'	16.1'	16.1'							14.4'	14.4'	9.1	
	25' lb									38,340*	38,340*									31,800*	31,800*	29.67	
	6.0 m t					29.4'	29.4'	22.3'	22.3'	18.6'	18.6'	16.4'	16.4'							14.3'	14.3'	9.8	
	20' lb					62,870*	62,870*	48,160*	48,160*	40,400*	40,400*	35,800*	35,800*							31,540*	31,540*	31.97	
	4.5 m t							24.9'	24.9'	19.9'	19.9'	17.0'	17.0'							14.6'	14.6'	10.2	
	15' lb									53,720*	53,720*	43,150*	43,150*	36,960*	36,960*					32,140*	32,140*	33.37	
	Bent boom configuration 7.7 m/25' 3"	3.0 m t							26.9'	26.9'	21.1'	21.1'	17.6'	17.6'						15.1'	14.4'	10.4	
	10' lb									58,220*	58,220*	45,650*	45,650*	38,140*	38,140*					33,300*	31,680*	33.97	
Arm 2.9 m/9' 6"	1.5 m t							27.6'	27.6'	21.7'	21.7'	17.9'	17.5'							14.9'	14.2'	10.3	
	5' lb									59,920*	59,920*	47,040*	47,040*	38,720*	37,620*					32,940*	31,310*	33.84	
	0.0 m t							27.0'	27.0'	21.6'	21.6'	17.6'	17.1'							15.2'	14.6'	10.0	
	0' lb									58,680*	58,680*	46,730*	46,730*	38,090*	36,910*					33,500*	32,230*	32.94	
	Counterweight 11,300 kg/24,912 lb	-1.5 m t					29.0'	29.0'	25.3'	25.3'	20.5'	20.5'	16.5'	16.5'						15.0'	15.0'	9.5	
	-5' lb							66,310*	66,310*	54,920*	54,920*	44,300*	44,300*	35,360*	35,360*					32,940*	32,940*	31.22	
	-3.0 m t			27.2'	27.2'	26.4'	26.4'	22.3'	22.3'	18.1'	18.1'									14.3'	14.3'	8.7	
	-10' lb			59,960*	59,960*	57,590*	57,590*	48,330*	48,330*	38,880*	38,880*									31,520*	31,520*	28.53	
	-4.5 m t					20.5'	20.5'	17.4'	17.4'	13.0'	13.0'									12.8'	12.8'	7.6	
	-15' lb					44,130*	44,130*	37,240*	37,240*											27,890*	27,890*	24.54	
Undercarriage hydraulically retractable	10.5 m t																			9.9'	9.9'	8.3	
	35' lb																			21,960*	21,960*	26.74	
	9.0 m t											12.2'	12.2'							9.2'	9.2'	9.5	
	30' lb											24,520*	24,520*							20,400*	20,400*	30.95	
	7.5 m t											14.1'	14.1'							8.9'	8.9'	10.4	
	25' lb											30,800*	30,800*							19,740*	19,740*	33.91	
	6.0 m t									16.5'	16.5'	14.7'	14.7'	12.6'	12.6'					8.9'	8.9'	11.0	
	20' lb									35,730*	35,730*	31,980*	31,980*	24,930*	24,930*					19,650*	19,650*	35.94	
	4.5 m t					29.7'	29.7'	22.0'	22.0'	18.0'	18.0'	15.5'	15.5'	13.9'	13.9'					9.1'	9.1'	11.3	
	15' lb					63,660*	63,660*	47,550*	47,550*	39,000*	39,000*	33,740*	33,740*	30,230*	30,230*					20,050*	20,050*	37.19	
Bent boom configuration 7.7 m/25' 3"	3.0 m t							24.8'	24.8'	19.6'	19.6'	16.4'	16.4'	14.3'	14.2'					9.5'	9.5'	11.5	
10' lb									53,450*	53,450*	42,320*	42,320*	35,600*	35,600*	31,070*	30,430*			20,890*	20,890*	37.74		
Arm 4.2 m/13' 9"	1.5 m t							26.6'	26.6'	20.7'	20.7'	17.1'	17.1'	14.5'	13.8'					10.1'	10.1'	11.5	
	5' lb									42,770*	42,770*	57,520*	57,520*	44,890*	44,890*	37,060*	37,060*	31,150*	29,600*	22,300*	22,300*	37.61	
	0.0 m t							21.1'	21.1'	27.2'	27.2'	21.3'	21.3'	17.4'	17.0'	14.2'	13.5'			11.1'	11.1'	11.2	
	0' lb									48,580*	48,580*	58,900*	58,900*	46,080*	46,080*	37,670*	36,630*	30,500*	28,960*	24,480*	24,480*	36.81	
	Counterweight 11,300 kg/24,912 lb	-1.5 m t			15.8'	15.8'	27.8'	27.8'	26.6'	26.6'	21.0'	21.0'	17.1'	16.7'	13.9'	13.3'					12.6'	12.6'	10.8
	-5' lb					35,570*	35,570*	63,620*	63,620*	57,590*	57,590*	45,500*	45,500*	36,940*	35,950*	29,790*	28,660*			27,840*	27,840*	35.28	
	-3.0 m t		19.2'	19.2'	24.2'	24.2'	31.6'	31.6'	24.8'	24.8'	19.8'	19.8'	15.9'	15.9'							13.2'	13.2'	10.1
	-10' lb		42,910*	42,910*	54,640*	54,640*	68,460*	68,460*	53,610*	53,610*	42,700*	42,700*	34,100*	34,100*						29,050*	29,050*	32.92	
	-4.5 m t			33.6'	33.6'	26.9'	26.9'	21.5'	21.5'	17.2'	17.2'	12.9'	12.9'							12.7'	12.7'	9.1	
	-15' lb					72,650*	72,650*	58,050*	58,050*	46,390*	46,390*	36,730*	36,730*							27,910*	27,910*	29.54	
-6.0 m t							19.9'	19.9'	16.1'	16.1'	11.8'	11.8'							11.3'	11.3'	7.6		
-20' lb									42,300*	42,300*	33,960*	33,960*							24,590*	24,590*	24.72		






















- 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 EC700BHR

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.

• EC700BHR with hydraulically retractable undercarriage

 Across undercarriage  Along undercarriage	Lifting hook related to ground level	1.5 m/5'		3.0 m/10'		4.5 m/15'		6.0 m/20'		7.5 m/25'		9.0 m/30'		10.5 m/35'		12.0 m/40'		Max. reach		Max. m/ft	
																					
Undercarriage hydraulically retractable	12.0 m 40' t							19.1'	19.1'									15.1'	15.1'	7.0	
	10.5 m 35' t									18.0'	18.0'							13.2'	13.2'	8.6	
	9.0 m 30' t							17.5'	17.5'	18.5'	18.5'	17.0'	17.0'					12.2'	12.2'	9.8	
	7.5 m 25' t							19.8'	19.8'	19.7'	19.7'	17.1'	17.1'	13.8'	13.8'			11.6'	11.6'	10.7	
	6.0 m 20' t							25.3'	25.3'	20.5'	20.5'	17.4'	17.4'	15.1'	14.5			11.4'	11.4'	11.2	
	4.5 m 15' t							27.0'	27.0'	21.3'	21.3'	17.7'	17.7'	14.9	14.2			11.5'	11.5'	11.6	
	3.0 m 10' t									21.7'	21.7'	17.8'	17.5	14.5	13.8			11.7'	11.6	11.7	
	1.5 m 5' t									21.4'	21.4'	17.5'	17.0	14.2	13.5			11.8'	11.5	11.7	
	0.0 m 0' t								24.2'	24.2'	20.1'	20.1'	16.5'	16.5	13.4'	13.3			10.9'	10.9'	11.5
	-1.5 m -5' t								20.9'	20.9'	17.9'	17.9'	14.7'	14.7'	11.4'	11.4'			9.7'	9.7'	11.0
Straight boom configuration 8.3 m/27' 3"	-3.0 m -10' t			16.2'	16.2'	16.6'	16.6'	14.6'	14.6'	11.7'	11.7'							7.9'	7.9'	10.3	
	-4.5 m -15' t					11.0'	11.0'	9.8'	9.8'	6.7'	6.7'							6.0'	6.0'	9.2	
	12.0 m 40' t																	20.5'	20.5'	5.9	
	10.5 m 35' t							22.7'	22.7'	20.1'	20.1'							17.0'	17.0'	7.8	
	9.0 m 30' t							22.2'	22.2'	19.9'	19.9'	17.4'	17.4'					15.5'	15.5'	9.1	
	7.5 m 25' t			28.3'	28.3'	24.6'	24.6'	20.3'	20.3'	17.5'	17.5'							14.7'	14.7'	10.0	
	6.0 m 20' t					26.2'	26.2'	21.1'	21.1'	17.7'	17.7'	14.9	14.2					14.4'	13.9	10.6	
	4.5 m 15' t							21.7'	21.7'	17.9'	17.9'	14.7	14.0					13.6	12.9	11.0	
	3.0 m 10' t							21.8'	21.8'	17.8'	17.3	14.4	13.7					13.1	12.4	11.2	
	1.5 m 5' t							21.0'	21.0'	17.2'	16.9	14.0'	13.4					12.3'	12.3'	11.1	
Arm 2.9 m/9' 6"	0.0 m 0' t							19.3'	19.3'	15.9'	15.9'	12.5'	12.5'					11.2'	11.2'	10.9	
	-1.5 m -5' t					18.7'	18.7'	16.6'	16.6'	13.7'	13.7'							9.6'	9.6'	10.4	
	-3.0 m -10' t					14.1'	14.1'	12.8'	12.8'	9.9'	9.9'							7.4'	7.4'	9.7	
	13.5 m 45' t																	14.5'	14.5'	5.7	
	12.0 m 40' t									14.0'	14.0'							11.5'	11.5'	8.0	
	10.5 m 35' t									14.7'	14.7'	13.1'	13.1'					10.2'	10.2'	9.5	
	9.0 m 30' t									14.6'	14.6'	14.7'	14.7'	10.2'	10.2'			9.5'	9.5'	10.6	
	7.5 m 25' t					14.6'	14.6'	15.6'	15.6'	15.8'	15.8'	14.0'	14.0'					9.1'	9.1'	11.4	
	6.0 m 20' t					21.2'	21.2'	19.3'	19.3'	16.7'	16.7'	14.5'	14.5					8.9'	8.9'	11.9	
	4.5 m 15' t					26.0'	26.0'	20.6'	20.6'	17.1'	17.1'	14.7'	14.1	11.7'	11.2			8.9'	8.9'	12.2	
Arm 4.2 m/13' 9"	3.0 m 10' t					27.2'	27.2'	21.3'	21.3'	17.4'	17.4'	14.4	13.7					9.1'	9.1'	12.4	
	1.5 m 5' t					27.0'	27.0'	21.3'	21.3'	17.3'	16.9	14.0	13.3	11.4	10.8			9.5'	9.5'	12.3	
	0.0 m 0' t					25.3'	25.3'	20.4'	20.4'	16.7'	16.4	13.6'	13.0	10.4'	10.4'			10.1'	10.1'	12.1	
	-1.5 m -5' t			16.0'	16.0'	22.5'	22.5'	18.6'	18.6'	15.2'	15.2'	12.2'	12.2'					9.1'	9.1'	11.7	
	-3.0 m -10' t			20.4'	20.4'	18.7'	18.7'	15.8'	15.8'	12.9'	12.9'	9.5'	9.5'					7.6'	7.6'	11.0	
	-4.5 m -15' t			13.8'	13.8'	13.6'	13.6'	11.7'	11.7'	9.0'	9.0'							5.5'	5.5'	10.1	
	13.5 m 45' t																	14.5'	14.5'	5.7	
	12.0 m 40' t									14.0'	14.0'							11.5'	11.5'	8.0	
	10.5 m 35' t									14.7'	14.7'	13.1'	13.1'					10.2'	10.2'	9.5	
	9.0 m 30' t									14.6'	14.6'	14.7'	14.7'	10.2'	10.2'			9.5'	9.5'	10.6	
7.5 m 25' t					14.6'	14.6'	15.6'	15.6'	15.8'	15.8'	14.0'	14.0'					9.1'	9.1'	11.4		
6.0 m 20' t					21.2'	21.2'	19.3'	19.3'	16.7'	16.7'	14.5'	14.5					8.9'	8.9'	11.9		
4.5 m 15' t					26.0'	26.0'	20.6'	20.6'	17.1'	17.1'	14.7'	14.1	11.7'	11.2			8.9'	8.9'	12.2		
3.0 m 10' t					27.2'	27.2'	21.3'	21.3'	17.4'	17.4'	14.4	13.7					9.1'	9.1'	12.4		
1.5 m 5' t					27.0'	27.0'	21.3'	21.3'	17.3'	16.9	14.0	13.3	11.4	10.8			9.5'	9.5'	12.3		
0.0 m 0' t					25.3'	25.3'	20.4'	20.4'	16.7'	16.4	13.6'	13.0	10.4'	10.4'			10.1'	10.1'	12.1		
-1.5 m -5' t			16.0'	16.0'	22.5'	22.5'	18.6'	18.6'	15.2'	15.2'	12.2'	12.2'					9.1'	9.1'	11.7		
-3.0 m -10' t			20.4'	20.4'	18.7'	18.7'	15.8'	15.8'	12.9'	12.9'	9.5'	9.5'					7.6'	7.6'	11.0		
-4.5 m -15' t			13.8'	13.8'	13.6'	13.6'	11.7'	11.7'	9.0'	9.0'							5.5'	5.5'	10.1		

- 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.

STANDARD EQUIPMENT EC360CHR

Engine

Turbocharged, 4 stroke diesel engine with water cooling, direct injection and charged air cooler that meets EPA Tier 3 requirements
3-stage air filter with indicator and pre-cleaner
Air intake heater
Electric engine shut-off
Fuel filter and water separator
Fuel filler pump: 50 l/min, **13 gpm** 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 2
– Boom-mounted 4
Batteries, 2 x 12 V / 200 Ah
Start motor, 24 V / 4.8 kW

Hydraulic system

Hose rupture valve: boom cylinder and arm
Hydraulic piping:
Hammer & shear circuit:
– One and two pump flow
– Pedal switch control
Slope & rotator
Oil leak (drain) line

Quick fit piping
Overload warning device
Automatic sensing 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
Bucket & boom cylinder guard
Two pump control for hammer & shear

Superstructure

Removable additional counterweight for high reach, 3,000 kg, **6,610 lb**
Full height counterweight:
7,250 kg, **15,950 lb**
Tool storage area
Punched metal anti-slip plates
Undercover plate (heavy-duty 8 mm, **0.3 in**)
HD double thickness side doors with micro mesh
Side Impact Protection System

Tilting cab and interior

Fabric seat with heater and air suspension
Control Joysticks with proportional control
Heater & air-conditioner, automatic
Hydraulic dampening cab mounts
Adjustable operator seat and joystick control console

Flexible antenna
Hydraulic safety lock lever
Cab, all-weather sound suppression, includes:
– Ashtray
– Cup holder (x3)
– Lighter
– Door locks
– Tinted glass
– Floor mat
– Horn
– Large storage area
– Pull-up type front window
– Removable lower windshield
– Seat belt
– Safety glass
– Sun shields, front, roof, rear
– Windshield wiper with intermittent feature
Anti-vandalism kit assembly preparation
Master key
Falling object guard (FOG)
– Frame-mounted

Undercarriage

Hydraulically retractable undercarriage
Swing ring guard
Hydraulic track adjusters
Greased and sealed track link
Full track guards
Undercover plate (heavy-duty 10 mm, **0.4 in**)

Track shoes

Track shoes 600 mm, **24"** with triple grousers

Service

Tool kit, daily maintenance

Front attachment

Modular boom foot

OPTIONAL EQUIPMENT EC360CHR

Engine

Block heater: 120 V
Oil bath pre-cleaner
Diesel coolant heater
Water separator with heater

Electric

Extra lights:
– Cab front top-mounted 2
– Cab rear-mounted 1
– Counterweight-mounted 1
CareTrack
Travel alarm
Anti-theft system
Rotating warning beacon

Hydraulic system

Hydraulic piping:
Hammer & shear:
– Additional return filter

Volvo hydraulic quick fit, S3 size, for digging front
Volvo hydraulic quick fit, S2 size, for High Reach front
Volvo hydraulic quick fit, S1 size, for High Reach front
Straight travel pedal
Hydraulic oil, ISO VG 32
Hydraulic oil, ISO VG 46
Hydraulic oil, ISO VG 68
Hydraulic oil, biodegradable 32
Hydraulic oil, biodegradable 46
Snow protection kit

Cab and interior

Seat belt, 3 inch
Cab-mounted falling object protective structure (FOPS)
Safety screen for front window
Lower wiper with intermittent control
Rear view camera

Track shoes

700 mm, **28"** triple grousers

Digging front

Arm choice: 2.6 m/3.2 m/3.9 m
8' 6"/10' 6"/12' 10"

High Reach front

Boom high reach, 3 piece - 21 m, **69' 0"**
Camera system for high reach front

Service

Hand lamp
Spare parts
Tool kit, full scale

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

STANDARD EQUIPMENT EC700BHR

Engine

Turbocharged, 4 stroke diesel engine with water cooling, direct injection and charged air cooler that meets EPA Tier 3 requirements
3-stage air filter with indicator and pre-cleaner
Air intake heater
Electric engine shut-off
Fuel filter and water separator
Fuel filler pump: 100 l/min, **26.4 gpm** 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 monitor
Master 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

Hydraulic system

Hose rupture valve: boom and arm
proportional control via joystick roller button
Hydraulic piping:
Hammer & shear circuit:
– One and two pump flow
– Quick fit piping

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
Bucket and boom cylinder guard
Auxiliary hydraulic valve
Automatic two-speed travel motors
Hydraulic oil, ISO VG 46

Superstructure

Access walkway with handrail
Removable additional counterweight for high reach, 5,000 kg, **11,020 lb**
Full height removable counterweight: 11,300 kg, **24,910 lb**
Tool storage area
Punched metal anti-slip plates
Undercover plate (heavy-duty 8 mm, **0.3 in**)

Tilting cab and interior

Fabric seat with heater and air suspension
Control Joysticks with proportional control
Heater & air-conditioner, automatic
Hydraulic dampening cab mounts
Adjustable operator seat and joystick control console
Flexible antenna
Hydraulic safety lock lever

Cab, all-weather sound suppression, includes:

- Ashtray
- Cup holder
- Lighter
- Door locks
- Tinted glass
- Floor mat
- Horn
- Large storage area
- Pull-up type front window
- Removable lower windshield
- Seat belt
- Safety glass
- Sun shield, front, roof, rear
- Windshield wiper with intermittent feature
- Stereo cassette radio

Anti-vandalism kit assembly preparation

Master ignition key

Falling object guard (FOG)

- Frame-mounted

Undercarriage

Swing ring guard
Hydraulic track adjusters
Greased and sealed track chain
Full track guards
Undercover plate (heavy-duty 10 mm, **0.4 in**)
Hydraulically retractable undercarriage

Track shoes

Track shoes 650 mm, **26"** with double grousers

Front attachment

Modular boom foot

OPTIONAL EQUIPMENT EC700BHR

Engine

Block heater: 120 V
Dual stage pre-cleaner
Oil bath pre-cleaner
Diesel coolant heater
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

Hydraulic piping:
– Additional return filter
– Pedal switch control

Straight travel pedal
Volvo hydraulic quick fit, universal, for digging front
Volvo hydraulic quick fit, S2 size, for High Reach front
Hydraulic oil, ISO VG 32
Hydraulic oil, ISO VG 46
Hydraulic oil, ISO VG 68
Hydraulic oil, biodegradable 32
Hydraulic oil, biodegradable 46
Arctic hose kit
Snow protection kit

Cab and interior

Seat belt, 3 inch
Air-conditioner climate control
Cab-mounted falling object protective structure (FOPS)
Foot support bar
Safety screen for front window
Lower wiper with intermittent control
Rear view camera

Undercarriage

Mechanically retractable track gauge

Track shoes

750 mm, **30"/900 mm, 36"** double grousers

Digging front

Arm choice: 2.9 m/3.55 m/4.2 m/5.2 m
9' 6"/11' 8"/13' 9"/17' 1"

High Reach Front

Boom high reach, **3 piece - 29 m, 95' 2"**

Boom extension: **3 m, 9' 10"**

Camera system for high reach front

Service

Hand lamp
Spare parts
Tool kit, full scale
Special tool for mechanically retractable frame

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



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 175 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. And we're proud of what makes Volvo different – **More care. Built in.**



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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