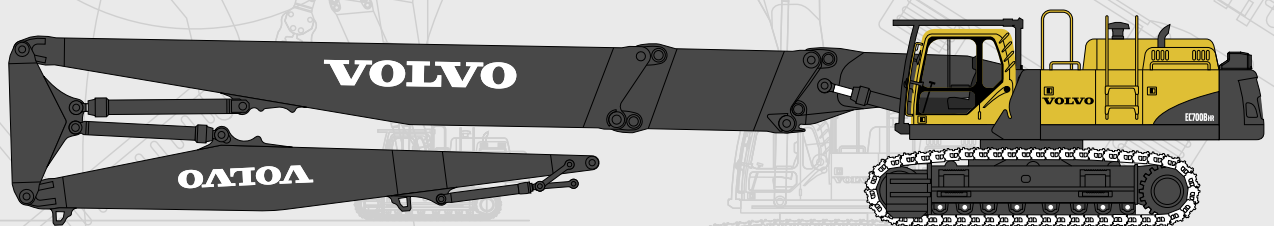


VOLVO EXCAVATORS

DEMOLITION

EC210CLD - EC700CLD STANDARD DEMOLITION EC360CHR / EC460CHR / EC700BHR HIGH REACH DEMOLITION



EC210CLD - EC700CLD Standard Demolition

- **Engine power, net:**
110 kW to 316 kW
147 hp - 424 hp
- **Operating weight:**
21,7 t - 70,6 t
47,840 lb - 155,650 lb
- **Maximum digging reach:**
10,4 m - 14,8 m
34' 1" - 48' 6"

EC360CHR High Reach Demolition

- **Engine power, net:**
205 kW
275 hp
- **Operating weight:**
44,4 t - 47,6 t
97,700 lb - 105,000 lb
- **Additional counterweight:**
3,8 t
8,370 lb
- **Maximum pin height:**
21,0 m
68' 11"

EC460CHR High Reach Demolition

- **Engine power, net:**
245 kW
329 hp
- **Operating weight:**
52,6 t - 56,6 t
115,910 lb - 124,720 lb
- **Additional counterweight:**
3,8 t
8,370 lb
- **Maximum pin height:**
27,3 m
89' 7"

EC700BHR Ultra High Reach Demolition

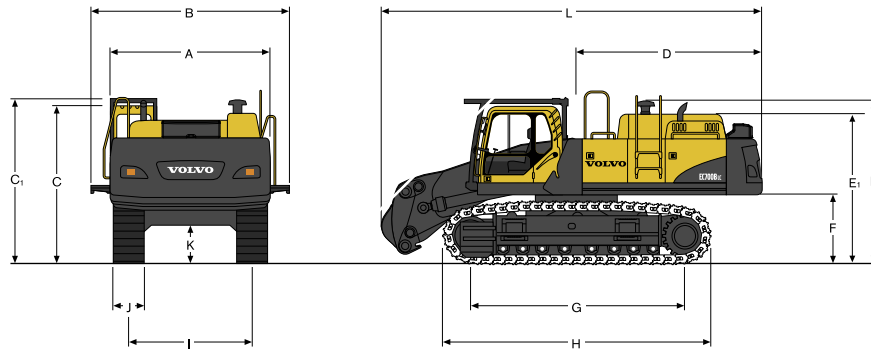
- **Engine power, net:**
316 kW
424 hp
- **Operating weight:**
81,5 t - 88,5 t
179,590 lb - 195,020 lb
- **Additional counterweight:**
4,6 t
10,140 lb
- **Maximum pin height:**
29,0 m - 32,0 m
95' 2" - 105' 0"

MORE CARE. BUILT IN.



SPECIFICATIONS HIGH REACH / ULTRA HIGH REACH DEMOLITION

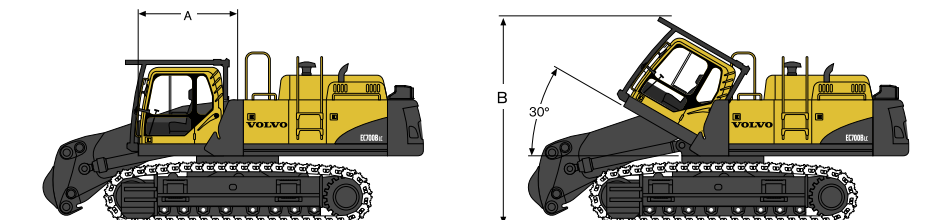
Dimensions



Dimensions of basic demolition machines

Description		EC360CHR Undercarriage hydraulically retractable	EC460CHR Undercarriage mechanically retractable	EC460CHR Undercarriage hydraulically retractable (Standard)	EC700BHR Undercarriage mechanically retractable	EC700BHR Undercarriage hydraulically retractable (Standard)
A. Superstructure width	mm ft-in	2,990 9' 10"	2,990 9' 8"	2,990 9' 8"	3,420 11' 3"	3,420 11' 3"
B. Overall width with walkway	mm ft-in	3,320 (left side) 10' 11" (left side)	3,590 (both sides) 11' 8" (both sides)	3,590 (both sides) 11' 8" (both sides)	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' 5"	3,190 10' 5"	3,190 10' 5"	-	-
Overall width with SIPS removed*	mm ft-in	3,055 10' 0"	3,055 10' 0"	3,055 10' 0"	-	-
C. Overall height	mm ft-in	3,200 10' 6"	3,260 10' 7"	3,260 10' 7"	3,480 11' 5"	3,480 11' 5"
C1. Overall height (including FOG)	mm ft-in	3,330 10' 11"	3,460 11' 4"	3,460 11' 4"	3,610 11' 10"	3,610 11' 10"
D. Tail swing radius	mm ft-in	3,560 11' 7"	3,880 12' 7"	3,880 12' 7"	4,090 13' 5"	4,090 13' 5"
E. Overall height of pre-cleaner	mm ft-in	-	-	-	3,590 11' 9"	3,590 11' 9"
E1. Overall height of engine hood	mm ft-in	2,700 8' 8"	2,750 9' 0"	2,750 9' 0"	-	-
F. Minimum counterweight clearance*	mm ft-in	1,210 4' 0"	1,275 4' 2"	1,275 4' 2"	1,510 4' 11"	1,510 4' 11"
G. Tumbler length	mm ft-in	4,240 13' 11"	4,370 14' 3"	4,370 14' 3"	4,750 15' 7"	4,750 15' 7"
H. Track length	mm ft-in	5,180 17' 0"	5,370 17' 6"	5,370 17' 6"	5,990 19' 8"	5,990 19' 8"
I. Track gauge (extended)	mm ft-in	3,380 11' 1"	2,890 9' 6"	3,380 11' 1"	3,350 11' 0"	3,740 12' 3"
Track gauge (retracted)	mm ft-in	2,390 7' 10"	2,390 7' 8"	2,400 7' 9"	2,750 9' 0"	2,750 9' 0"
J. Shoe width	mm in	700 27"	700 27"	700 27"	750 26"	750 26"
K. Minimum ground clearance*	mm ft-in	400 1' 4"	550 1' 8"	550 1' 8"	860 2' 10"	630 2' 1"
L. Overall length	mm ft-in	7,120 23' 4"	7,540 27' 7"	7,540 27' 7"	8,380 27' 6"	8,380 27' 6"
Total weight without additional counterweight	t lb	35.0 77,160	45.0 99,210	49.6 109,350	61.0 134,480	68.0 149,910

* With shoe grouser



Dimensions of demolition machine with tilting cab

Description		EC360CHR	EC460CHR	EC700BHR
A. Tilting cab length	mm ft-in	1,960 6' 4"	2,040 6' 7"	2,120 6' 11"
B. Cab height when fully tilted	mm ft-in	4,135 13' 6"	4,260 13' 9"	4,450 14' 7"
Cab tilting angle	degree	30°	30°	30°

Dimensions



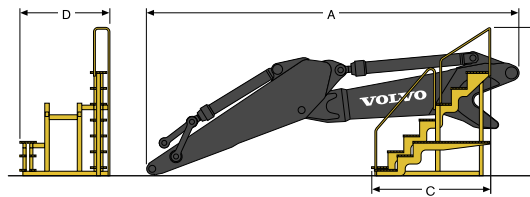
Dimensions of the additional counterweight*

Description		EC360CHR	EC460CHR	EC700BHR
A. Width additional counterweight	mm ft-in	1,050 3' 4"	1,060 3' 5"	1,450 4' 6"
B. Thickness additional counterweight	mm ft-in	620 2' 0"	620 2' 0"	670 2' 2"
C. Height additional counterweight	mm ft-in	1,470 4' 8"	1,470 4' 8"	1,650 5' 4"
Total weight additional counterweight	t lb	3.8 8,370	3.8 8,370	4.5 9,920

* Additional counterweight can be removed for transport

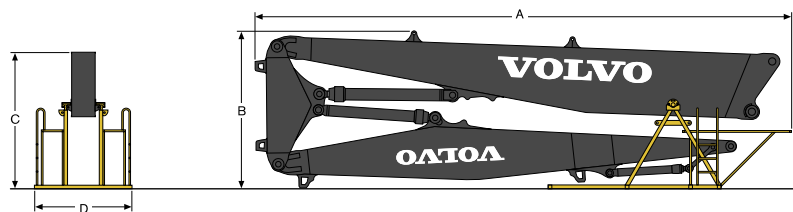
CAUTION :

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.



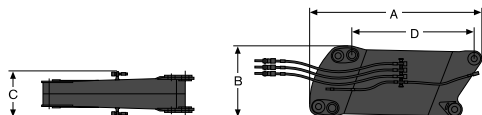
Dimensions of backhoe equipment

Description		EC360CHR	EC460CHR	EC700BHR
A. Length - mounting to arm end	mm ft-in	6,460 21' 2"	8,490 27' 8"	8,220 27' 0"
B. Overall height	mm ft-in	2,060 6' 9"	2,480 8' 1"	3,280 10' 9"
C. Length of support cradle	mm ft-in	1,180 3' 1"	1,850 6' 1"	2,630 8' 8"
D. Width of support cradle	mm ft-in	1,110 3' 8"	2,260 7' 4"	1,985 6' 6"
Weight of digging boom with (standard dipper arm and) transport cradle	t/mm lb/ft	4.3/2,610 9,480/8' 6"	6.35/2,600 14,000/8' 5"	8.3/3,550 18,300/11' 6"



Dimensions of 3-piece demolition front, in support cradle

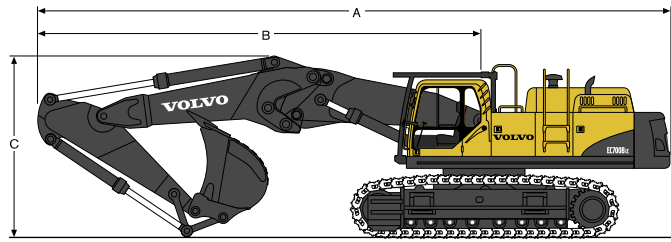
Description		EC360CHR	EC460CHR	EC700BHR
A. Overall length	mm ft-in	8,510 27' 9"	12,390 40' 6"	11,830 38' 10"
B. Overall height	mm ft-in	3,110 10' 2"	3,050 10' 0"	3,450 11' 4"
C. Length of support cradle	mm ft-in	2,170 7' 1"	2,000 6' 5"	3,010 9' 11"
D. Width of support cradle	mm ft-in	2,170 7' 1"	2,365 7' 7"	2,150 7' 1"
Weight of working equipment without attachment (including support cradle)	t lb	8.3 18,300	9.2 20,940	12.0 26,460



Dimensions of demolition boom extension

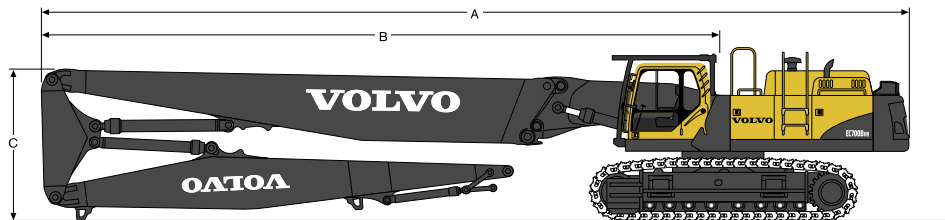
Description		EC700BHR
A. Overall length	mm ft-in	3,780 12' 5"
B. Overall height	mm ft-in	1,570 5' 2"
C. Overall width	mm ft-in	970 6' 2"
D. Extension length	mm ft-in	3,000 9' 10"
Weight of demolition boom extension	t lb	3.5 7,720

Dimensions



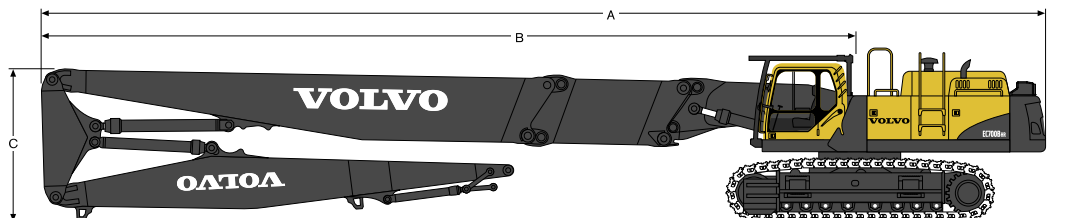
Dimensions of demolition machine including backhoe equipment (position for transport)

Description		EC360CHR		EC460CHR		EC700BHR	
Boom		Straight boom 6.8 m / 22' 4"		Straight boom 7.5 m / 24' 6"		Straight boom 8.3 m / 27' 3"	
Arm	m	3.2	3.9	3.35	3.9	3.55	4.2
	ft-in	10' 6"	12' 10"	10' 6"	12' 10"	11' 8"	13' 9"
A. Overall length	mm	11,600	11,470	12,730	12,710	13,760	13,660
	ft-in	38' 0"	37' 6"	41' 8"	41' 7"	45' 1"	44' 10"
B. Swing center to front of equipment	mm	8,010	7,870	8,850	8,830	9,670	9,570
	ft-in	26' 3"	25' 10"	29' 0"	28' 9"	31' 9"	31' 5"
C. Maximum height of boom in transport position	mm	3,320	3,970	3,500	3,660	4,220	4,430
	ft-in	10' 11"	13' 0"	11' 5"	12' 0"	13' 10"	14' 6"
Operating weight, excluding bucket	t	37.2	37.3	56.1	56.3	67.6	68.0
	lb	82,011	82,232	123,679	124,120	149,032	149,914



Dimensions of demolition machine including 3-piece demolition attachment

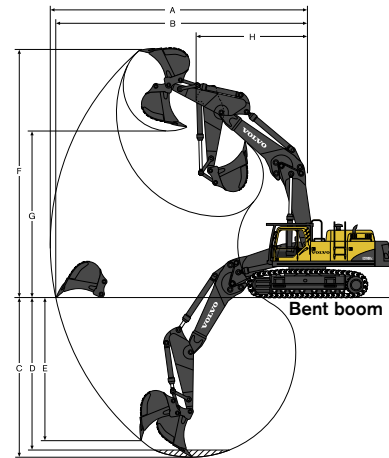
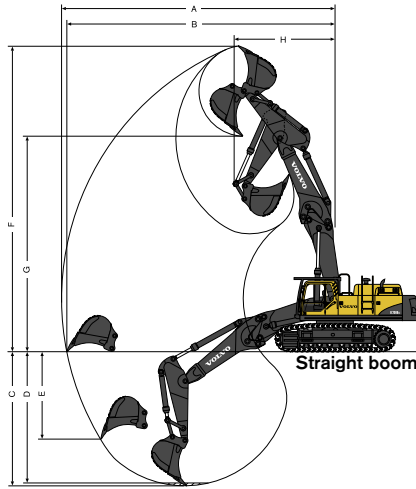
Description		EC360CHR	EC460CHR	EC700BHR
A. Overall length	mm	14,350	19,280	19,130
	ft-in	47' 1"	63' 2"	62' 9"
B. Swing center to front of equipment	mm	10,960	15,400	15,040
	ft-in	35' 11"	50' 5"	49' 4"
C. Maximum height of boom in transport position	mm	3,110	3,070	3,350
	ft-in	10' 2"	10' 1"	11' 0"



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

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 machines with straight boom*

Description		EC360CHR		EC460CHR		EC700BHR	
Boom		Straight boom 6.8 m/22' 4"		Straight boom 7.5 m/24' 6"		Straight boom 8.3 m/27' 3"	
Arm		3.2 m/10' 6"	3.9 m/12' 10"	3.35 m/11' 0"	3.9 m/12' 10"	3.55 m/11' 8"	4.2 m/13' 9"
A. Maximum digging reach	mm	11,710	12,380	12,720	13,220	13,910	14,550
	ft-in	36' 6"	40' 6"	41' 7"	43' 4"	45' 8"	47' 9"
B. Maximum digging reach on ground	mm	11,510	12,190	12,500	13,020	13,660	14,300
	ft-in	37' 8"	40' 0"	41' 0"	42' 7"	44' 10"	46' 11"
C. Maximum digging depth	mm	5,680	6,380	6,460	7,010	7,160	7,810
	ft-in	18' 8"	20' 9"	21' 2"	23' 0"	23' 6"	25' 7"
D. Maximum digging depth (8' level)	mm	5,540	6,260	6,310	6,880	7,160	7,700
	ft-in	18' 2"	20' 7"	20' 7"	22' 6"	23' 6"	25' 3"
E. Maximum vertical wall digging depth	mm	3,980	4,820	4,960	5,420	4,930	5,470
	ft-in	13' 1"	15' 10"	16' 3"	17' 8"	16' 2"	17' 11"
F. Maximum cutting height	mm	13,330	13,920	13,710	14,010	15,300	15,780
	ft-in	43' 9"	45' 8"	45' 0"	46' 0"	50' 2"	51' 9"
G. Maximum dumping height	mm	9,920	10,520	10,040	10,420	11,030	11,520
	ft-in	32' 7"	34' 6"	32' 9"	34' 2"	36' 2"	37' 10"
H. Minimum front swing radius	mm	3,240	3,570	3,970	3,940	4,510	4,760
	ft-in	10' 6"	11' 7"	13' 0"	12' 9"	14' 10"	15' 7"

Digging forces of demolition machines with straight boom*

Description		EC360CHR		EC460CHR		EC700BHR	
Boom		Straight boom 6.8 m/22' 4"		Straight boom 7.5 m/24' 6"		Straight boom 8.3 m/27' 3"	
Arm		3.2 m/10' 6"	3.9 m/12' 10"	3.35 m/11' 0"	3.9 m/12' 10"	3.55 m/11' 18"	4.2 m/13' 9"
Bucket tip radius	mm	1,620	1,620	1,810	1,810	2,150	2,150
	ft-in	5' 4"	5' 4"	5' 9"	5' 9"	7' 1"	7' 1"
Breakout force-bucket (Normal/Power boost) ISO	kN	222/243	222/243	253/277	253/277	326/356	326/356
	lb	49,910/54,631	49,910/54,631	56,879/62,275	56,879/62,275	73,291/80,036	73,291/80,036
Tearout force-arm (Normal/Power boost) ISO	kN	166/181	144/157	195/214	174/190	265/290	236/258
	lb	37,320/40,692	32,374/35,297	43,840/48,111	39,119/42,716	59,577/65,198	53,057/58,003
Rotation angle, bucket	°	177	177	183	183	173	173

Working ranges of demolition machines with bent boom*

Description		EC360CHR		EC460CHR		EC700BHR	
Boom		Bent boom 6.5 m/21' 4"		Bent boom 7.0 m/23' 0"		Bent boom 7.7 m/25' 3"	
Arm		3.2 m/10' 6"	3.9 m/12' 10"	3.35 m/11' 0"	3.9 m/12' 10"	3.55 m/11' 8"	4.2 m/13' 9"
A. Maximum digging reach	mm	11,130	11,790	11,990	12,480	13,070	13,660
	ft-in	36' 5"	38' 7"	39' 3"	40' 9"	42' 11"	44' 10"
B. Maximum digging reach on ground	mm	10,920	11,590	11,760	12,270	12,810	13,400
	ft-in	35' 8"	38' 0"	38' 6"	40' 2"	42' 0"	44' 0"
C. Maximum digging depth	mm	6,890	7,590	7,720	8,270	8,430	8,980
	ft-in	22' 7"	24' 11"	25' 3"	27' 1"	27' 8"	29' 6"
D. Maximum digging depth (8' level)	mm	6,740	7,470	7,570	8,140	8,300	8,850
	ft-in	22' 1"	24' 6"	24' 8"	26' 7"	27' 3"	29' 0"
E. Maximum vertical wall digging depth	mm	5,360	5,960	5,900	6,330	7,720	8,220
	ft-in	17' 7"	19' 7"	19' 3"	20' 8"	25' 4"	27' 0"
F. Maximum cutting height	mm	11,320	11,690	10,840	11,000	12,280	12,530
	ft-in	37' 2"	38' 4"	35' 6"	36' 1"	40' 3"	41' 1"
G. Maximum dumping height	mm	8,110	8,490	7,500	7,670	8,360	8,610
	ft-in	26' 7"	27' 10"	24' 6"	25' 2"	27' 5"	28' 3"
H. Minimum front swing radius	mm	3,660	3,710	5,070	5,040	5,240	5,340
	ft-in	12' 0"	12' 2"	16' 6"	16' 5"	17' 2"	17' 6"

Digging forces of demolition machines with bent boom*

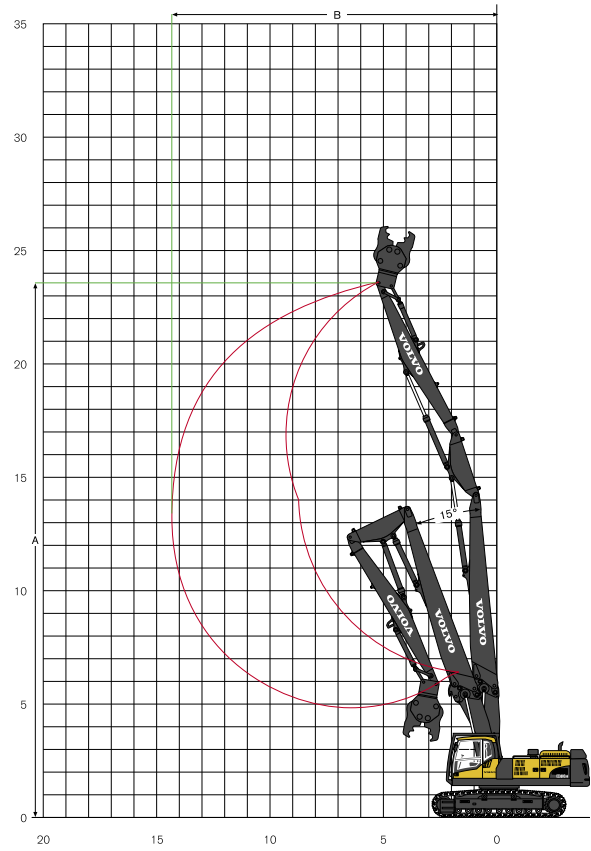
Description		EC360CHR		EC460CHR		EC700BHR	
Boom		Bent boom 6.5 m/21' 4"		Bent boom 7.0 m/23' 0"		Bent boom 7.7 m/25' 3"	
Arm		3.2 m/10' 6"	3.9 m/12' 10"	3.35 m/11' 0"	3.9 m/12' 10"	3.55 m/11' 8"	4.2 m/13' 9"
Bucket tip radius	mm	1,620	1,620	1,810	1,810	2,150	2,150
	ft-in	5' 4"	5' 4"	5' 9"	5' 9"	7' 1"	7' 1"
Breakout force-bucket (Normal/Power boost) ISO	kN	222/243	222/243	253/277	253/277	326/356	326/356
	lb	49,910/54,631	49,910/54,631	56,879/62,275	56,879/62,275	73,291/80,036	73,291/80,036
Tearout force-arm (Normal/Power boost) ISO	kN	201/219	201/219	195/214	174/190	265/290	236/258
	lb	37,320/40,692	32,374/35,297	43,840/48,111	39,119/42,716	59,577/65,198	53,057/58,003
Rotation angle, bucket	°	177	177	183	183	173	173

* Data with direct fit bucket

Working ranges & digging forces

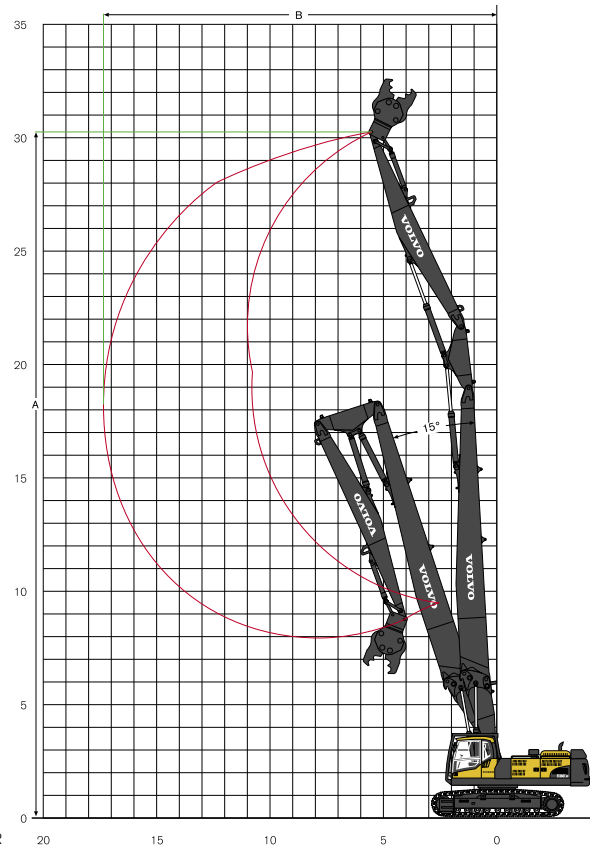
EC360CHR demolition machine with 3-piece demolition boom

Description		EC360CHR	
A. Maximum pin height	mm	21,000	
	ft-in	68" 11'	
B. Maximum pin reach	mm	12,900	
	ft-in	42' 4"	
Maximum tool weight	t	3.0	
	lb	6,610	



EC460CHR demolition machine with 3-piece demolition boom

Description		EC460CHR	
A. Maximum pin height	mm	27,250	
	ft-in	89' 7"	
B. Maximum pin reach	mm	16,620	
	ft-in	54' 6"	
Maximum tool weight	t	3.0	
	lb	6,610	

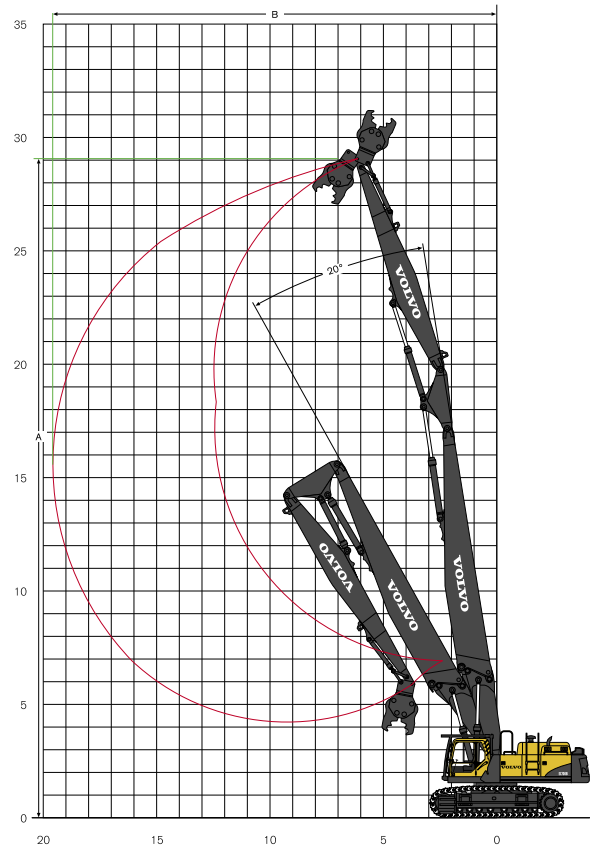


Note: Attachment pinning dimensions are same as EC240C dimensions for EC360CHR and EC460CHR

Working ranges & digging forces

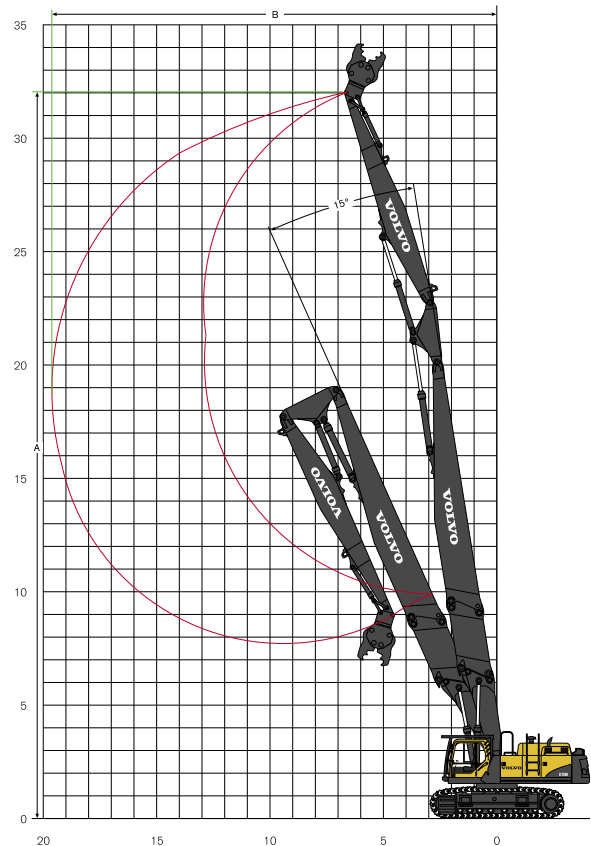
EC700BHR demolition machine with 3-piece demolition boom

Description		EC700BHR
A. Maximum pin height	mm	29,050
	ft-in	95' 4"
B. Maximum pin reach	mm	19,550
	ft-in	64' 2"
Maximum tool weight	t	3.5
	lb	7,710



EC700BHR demolition machine with 3-piece demolition boom and 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























Note: Attachment pinning dimensions are same as EC290C dimensions for EC700BHR

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.























 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	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							'16,535	'16,535	16,976
	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					'30,424	'30,424	'24,471	'24,471	'21,385	'21,385	'18,960	17,857					'16,314	'16,314	20,062	
	Bent boom 6.5 m/21' 4"					'17,7	'17,7	'12,9	'12,9	'10,7	10,6	9,5	7,9					'7,7	7,4	9,4	
	Arm 3.2 m/10' 6"					'20,5	'20,5	'14,6	14,3	'11,6	10,2	9,3	7,8					'8,3	7,2	9,4	
	Counterweight 6,200 kg/13,660 lb					'45,195	'45,195	'32,187	31,526	'25,574	22,487	20,503	17,196					'18,298	15,873	20,723	
						'21,6	'21,6	'15,6	13,8	'12,0	9,9	9,1	7,6					'8,9	7,4	9,2	
						'47,620	'47,620	'34,392	30,424	26,455	21,826	20,062	16,755					'19,621	16,314	20,283	
						'13,7	'13,7	'21,3	'15,8	13,6	11,8	9,8						'9,6	8,0	8,7	
					'30,203	'30,203	'46,958	'46,958	'34,833	29,983	26,015	21,605					'21,164	17,637	19,180		
					'16,2	'16,2	'21,8	'19,9	'15,0	13,7	'11,6	9,9					'10,7	9,2	7,9		
					'35,715	'35,715	'48,061	'48,061	'43,872	'43,872	'33,069	30,203	'25,574	21,826			'23,589	20,283	17,417		
					'22,9	'22,9	'17,0	'17,0	'12,7	'12,7							'11,0	'11,0	6,6		
					'50,486	'50,486	'37,479	'37,479	'27,999	'27,999							'24,251	'24,251	14,551		
Undercarriage hydraulically retractable	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		
	Bent boom 6.5 m/21' 4"					'35,053	'35,053	'26,455	'26,455	'22,046	'22,046	'19,842	17,857					'13,448	'13,448	22,046	
	Arm 3.9 m/12' 10"					'19,3	'19,3	'13,9	13,9	'11,1	10,4	9,4	7,9					'6,5	'6,5	10,1	
	Counterweight 6,200 kg/13,660 lb					'42,549	'42,549	'30,644	'30,644	'24,471	22,928	20,723	17,417					'14,330	'14,330	22,267	
						'8,3	'8,3	'21,2	'15,2	14,0	'12,0	10,0	9,2	7,7				'7,2	6,8	9,8	
						'18,298	'18,298	'46,738	'46,738	'33,510	30,865	'26,455	22,046	20,283	16,976			'15,873	14,991	21,605	
					'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		
					'19,401	'19,401	'28,440	'28,440	'47,620	'47,620	'34,833	30,203	26,235	21,605	20,062	16,755	'18,298	15,873	20,723		
					'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		
					'30,203	'30,203	'41,447	'41,447	'45,856	'45,856	'34,172	29,983	26,015	21,605			'21,385	17,857	18,960		
					'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		
					'43,211	'43,211	'57,761	'57,761	'41,226	'41,226	'31,085	30,424	'23,149	22,046			'22,928	22,046	16,535		
					'19,7	'19,7	'14,3	'14,3									'10,6	'10,6	5,8		
					'43,431	'43,431	'31,526	'31,526									'23,369	'23,369	12,787		

- 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.



















 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					*13,2 *29,101	*13,2 *29,101												*10,2 *22,487	*10,2 *22,487	5,4 11,905	
	9.0 m 30' lb							*12,0 *26,455	*12,0 *26,455										*8,3 *18,298	*8,3 *18,298	7,3 16,094	
	7.5 m 25' lb					*10,8 *23,810	*10,8 *23,810	*11,9 *26,235	*11,9 *26,235	*11,4 *25,133	11,3 24,912								*7,5 *16,535	*7,5 *16,535	8,5 18,739	
	6.0 m 20' lb			*10,6 *23,369	*10,6 *23,369	*12,5 *27,558	*12,5 *27,558	*13,3 *29,321	*13,3 *29,321	*11,7 *25,794	11,2 24,692	9,7 21,385	8,2 18,078						*7,2 *15,873	*7,2 *15,873	9,3 20,503	
	Straight boom 6.8 m/22' 4"	4.5 m 15' lb					*19,7 *43,431	*19,7 *43,431	*14,8 *32,628	*14,8 *32,628	*12,1 *26,676	10,8 23,810	9,6 21,164	8,1 17,857						*7,0 *15,432	*7,0 *15,432	9,8 21,605
		3.0 m 10' lb							*15,8 *34,833	14,6 32,187	12,5 27,558	10,4 22,928	9,4 20,723	7,9 17,417						*7,1 *15,653	6,6 14,551	10,0 22,046
	Counterweight 6,200 kg/ 13,660 lb	1.5 m 5' lb							*16,0 *35,274	14,0 30,865	12,1 26,676	10,0 22,046	9,2 20,283	7,7 16,976						*7,4 *16,314	6,5 14,330	10,0 22,046
		0.0 m 0' lb					*11,8 *26,015	*11,8 *26,015	*15,3 *33,731	13,6 29,983	11,8 26,015	9,8 21,605	9,0 19,842	7,5 16,535						*7,8 *17,196	6,7 14,771	9,8 21,605
		-1.5 m -5' lb					*16,5 *36,376	*16,5 *36,376	*13,6 *29,983	13,5 29,762	*10,8 *23,810	9,7 21,385	*7,9 *17,417	7,5 16,535						*6,9 *15,212	*6,9 *15,212	9,4 20,723
		-3.0 m -10' lb					*12,5 *27,558	*12,5 *27,558	*10,7 *23,589	*10,7 *23,589	*8,3 *18,298	*8,3 *18,298								*5,5 *12,125	*5,5 *12,125	8,6 18,960
		12.0 m 40' lb																		*10,8 *23,810	*10,8 *23,810	3,9 8,598
Undercarriage hydraulically retractable	10.5 m 35' lb							*9,8 *21,605	*9,8 *21,605										*7,6 *16,755	*7,6 *16,755	6,6 14,551	
	9.0 m 30' lb							*9,7 *21,385	*9,7 *21,385	*9,1 *20,062	*9,1 *20,062								*6,5 *14,330	*6,5 *14,330	8,2 18,078	
	7.5 m 25' lb							*9,3 *20,503	*9,3 *20,503	*9,7 *21,385	*9,7 *21,385	*7,7 *16,976	*7,7 *16,976						*6,0 *13,228	*6,0 *13,228	9,3 20,503	
	6.0 m 20' lb					*8,7 *19,180	*8,7 *19,180	*10,0 *22,046	*10,0 *22,046	*10,4 *22,928	*10,4 *22,928	*9,6 *21,164	8,4 18,519						*5,7 *12,566	*5,7 *12,566	10,0 22,046	
	Straight boom 6.8 m/22' 4"	4.5 m 15' lb					*15,9 *35,053	*15,9 *35,053	*13,4 *29,542	*13,4 *29,542	*11,7 *25,794	11,1 24,471	9,8 21,605	8,2 18,078						*5,6 *12,346	*5,6 *12,346	10,4 22,928
		3.0 m 10' lb							*15,4 *33,951	15,0 33,069	*12,3 *27,117	10,6 23,369	9,5 20,944	8,0 17,637	7,4 16,314	6,3 13,889				*5,7 *12,566	*5,7 *12,566	10,7 23,589
	Counterweight 6,200 kg/ 13,660 lb	1.5 m 5' lb							*16,0 *35,274	14,2 31,306	12,2 26,896	10,2 22,487	9,3 20,503	7,8 17,196	7,3 16,094	6,2 13,669				*5,9 *13,007	*5,9 *13,007	10,7 23,589
		0.0 m 0' lb					*13,6 *29,983	*13,6 *29,983	*15,8 *34,833	13,7 30,203	11,9 26,235	9,9 21,826	9,1 20,062	7,6 16,755	*6,6 *14,551	6,1 13,448				*6,2 *13,669	6,1 13,448	10,5 23,149
		-1.5 m -5' lb			*8,0 *17,637	*8,0 *17,637	*17,5 *38,581	*17,5 *38,581	*14,5 *31,967	13,5 29,762	*11,5 *25,353	9,7 21,385	*9,0 *19,842	7,5 16,535						*6,7 *14,771	6,4 14,110	10,1 22,267
		-3.0 m -10' lb					*15,0 *33,069	*15,0 *33,069	*12,2 *26,896	*12,2 *26,896	*9,6 *21,164	*9,6 *21,164	*6,9 *15,212	*6,9 *15,212						*5,6 *12,346	*5,6 *12,346	9,4 20,723
-4.5 m -15' lb								*8,6 *18,960	*8,6 *18,960	*6,3 *13,889	*6,3 *13,889								*6,2 *13,669	*6,2 *13,669	7,6 16,755	

- 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 EC460CHR

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.



















 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'		Max. reach		
																		Max. m/ft
Mechanically retractable undercarriage	9.0 m 30' t									*9,3	*9,3					*9,2	*9,2	7,5
	7.5 m 25' t									*10,7	*10,7					*8,7	8,4	8,7
	6.0 m 20' t									*11,3	10,6	*10,7	7,7			*8,5	7,1	9,4
	4.5 m 15' t									*12,4	10,1	*11,2	7,5			*8,7	6,3	9,9
	3.0 m 10' t									*19,2	*19,2	*14,6	14,2			*19,2	*19,2	16,535
	1.5 m 5' t									*42,329	*42,329	*32,187	31,306			*20,283	*20,283	16,535
	0.0 m 0' t									*23,589	*23,589					*19,180	18,519	19,180
	-1.5 m -5' t									*24,912	23,369	*23,589	16,976			*18,739	15,653	20,723
	-3.0 m -10' t									*12,4	10,1	*11,2	7,5			*19,180	13,889	21,826
	-4.5 m -15' t									*23,9	19,5	*16,9	13,1			*9,0	5,9	10,1
Bent boom 7.0 m/22' 9"	9.0 m 30' t									*13,7	9,5	*11,6	7,1			*9,0	5,9	10,1
	7.5 m 25' t									*13,7	9,5	*11,6	7,1			*9,0	5,9	10,1
	6.0 m 20' t									*52,690	42,990	*37,258	28,881			*19,842	13,007	22,267
	4.5 m 15' t									*23,9	19,5	*16,9	13,1			*9,0	5,9	10,1
	3.0 m 10' t									*23,9	19,5	*16,9	13,1			*9,0	5,9	10,1
	1.5 m 5' t									*52,690	42,990	*37,258	28,881			*19,842	13,007	22,267
	0.0 m 0' t									*15,6	*15,6	*18,8	12,1			*9,4	5,7	10,1
	-1.5 m -5' t									*34,392	*34,392	*41,447	26,676			*20,723	12,566	22,267
	-3.0 m -10' t									*15,6	*15,6	*18,8	12,1			*9,4	5,7	10,1
	-4.5 m -15' t									*18,7	17,4	*19,8	11,6			*9,6	5,8	9,9
Arm 3.35 m/11' 0"	9.0 m 30' t									*41,226	38,360	*43,652	25,574			*21,164	12,787	21,826
	7.5 m 25' t									*18,7	17,4	*19,8	11,6			*9,6	5,8	9,9
	6.0 m 20' t									*13,6	*13,6	*26,0	17,3			*10,3	6,1	9,4
	4.5 m 15' t									*29,983	*29,983	*57,320	38,140			*22,708	13,448	20,723
	3.0 m 10' t									*22,4	*22,4	*24,8	17,5			*11,7	6,9	8,6
	1.5 m 5' t									*49,384	*49,384	*54,675	38,581			*25,794	15,212	18,960
	0.0 m 0' t									*28,5	*28,5	*21,6	18			*12,6	8,6	7,5
	-1.5 m -5' t									*62,832	*62,832	*47,620	39,683			*27,778	18,960	16,535
	-3.0 m -10' t									*28,5	*28,5	*21,6	18			*12,6	8,6	7,5
	-4.5 m -15' t									*62,832	*62,832	*47,620	39,683			*27,778	18,960	16,535
Mechanically retractable undercarriage	9.0 m 30' t															*7,3	*7,3	8,2
	7.5 m 25' t															*16,094	*16,094	18,078
	6.0 m 20' t															*7,0	*7,0	9,2
	4.5 m 15' t															*15,432	*15,432	20,283
	3.0 m 10' t															*6,9	6,5	9,9
	1.5 m 5' t															*15,212	14,330	21,826
	0.0 m 0' t															*7,0	5,8	10,4
	-1.5 m -5' t															*15,432	12,787	22,928
	-3.0 m -10' t															*15,432	12,787	22,928
	-4.5 m -15' t															*15,432	12,787	22,928
Bent boom 7.0 m/22' 9"	9.0 m 30' t															*7,2	5,4	10,6
	7.5 m 25' t															*7,2	5,4	10,6
	6.0 m 20' t															*15,873	11,905	23,369
	4.5 m 15' t															*15,873	11,905	23,369
	3.0 m 10' t															*15,873	11,905	23,369
	1.5 m 5' t															*15,873	11,905	23,369
	0.0 m 0' t															*15,873	11,905	23,369
	-1.5 m -5' t															*15,873	11,905	23,369
	-3.0 m -10' t															*15,873	11,905	23,369
	-4.5 m -15' t															*15,873	11,905	23,369
Arm 3.90 m/12' 8"	9.0 m 30' t															*8,4	5,3	10,4
	7.5 m 25' t															*8,4	5,3	10,4
	6.0 m 20' t															*18,519	11,684	22,928
	4.5 m 15' t															*18,519	11,684	22,928
	3.0 m 10' t															*18,519	11,684	22,928
	1.5 m 5' t															*18,519	11,684	22,928
	0.0 m 0' t															*18,519	11,684	22,928
	-1.5 m -5' t															*18,519	11,684	22,928
	-3.0 m -10' t															*18,519	11,684	22,928
	-4.5 m -15' t															*18,519	11,684	22,928
Counterweight 9,400 kg/ 20,710 lb	9.0 m 30' t															*12,0	7,4	8,1
	7.5 m 25' t															*12,0	7,4	8,1
	6.0 m 20' t															*12,0	7,4	8,1
	4.5 m 15' t															*12,0	7,4	8,1
	3.0 m 10' t															*12,0	7,4	8,1
	1.5 m 5' t															*12,0	7,4	8,1
	0.0 m 0' t															*12,0	7,4	8,1
	-1.5 m -5' t															*12,0	7,4	8,1
	-3.0 m -10' t															*12,0	7,4	8,1
	-4.5 m -15' t															*12,0	7,4	8,1

- 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 EC460CHR

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.





















 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'		Max. reach			
																		Max. m/ft	
Mechanically retractable undercarriage	12.0 m 40' t lb																		
	10.5 m 35' t lb								*13,9 *30,644	*13,9 *30,644							*10,4 *22,928	*10,4 *22,928	7,0 15,432
	9.0 m 30' t lb								*13,6 *29,983	*13,6 *29,983	*13,0 *28,660	11,2 24,692					*9,1 *20,062	8,9 19,621	8,5 18,739
	7.5 m 25' t lb								*13,9 *30,644	*13,9 *30,644	*13,1 *28,881	11,1 24,471	*12,0 *26,455	8,0 17,637			*8,6 *18,960	7,2 15,873	9,5 20,944
	6.0 m 20' t lb					*19,4 *42,770	*19,4 *42,770	*16,3 *35,935	15,2 33,510	*13,7 *30,203	10,7 23,589	12,0 26,455	7,9 17,417				*8,3 *18,298	6,3 13,889	10,2 22,487
	Straight boom 7.5 m/24' 6"	4.5 m 15' t lb							*18,0 *39,683	14,2 31,306	*14,6 *32,187	10,1 22,267	11,7 25,794	7,6 16,755	9,0 19,842	5,9 13,007	*8,2 *18,078	5,7 12,566	10,6 23,369
		3.0 m 10' t lb							*19,5 *42,990	13,1 28,881	15,0 33,069	9,5 20,944	11,3 24,912	7,3 16,094	8,9 19,621	5,7 12,566	*8,4 *18,519	5,4 11,905	10,8 23,810
	Arm 3.35 m/11' 0"	1.5 m 5' t lb							*20,1 *44,313	12,3 27,117	14,4 31,747	9,1 20,062	11,0 24,251	7,0 15,432	8,8 19,401	5,6 12,346	*8,4 *18,519	5,3 11,684	10,8 23,810
		0.0 m 0' t lb							*19,6 *43,211	11,2 24,618	14,1 31,085	8,8 19,401	10,8 23,810	6,8 14,991	8,7 19,180	5,5 12,125	*8,6 *18,960	5,5 12,125	10,6 23,369
		-1.5 m -5' t lb					*15,9 *35,053	*15,9 *35,053	*18,2 *40,124	11,9 26,235	14,0 30,865	8,7 19,180	10,7 23,589	6,8 14,991			*9,1 *20,062	5,8 12,787	10,2 22,487
		-3.0 m -10' t lb					*18,4 *40,565	*18,4 *40,565	*15,7 *34,613	12,0 26,455	12,8 *28,219	8,8 19,401	*9,8 *21,605	6,9 15,212			*8,4 *18,519	6,5 14,330	9,5 20,944
		-4.5 m -15' t lb							*12,0 *26,455	*12,0 *26,455	*9,4 *20,723	9,1 20,062					*8,7 *19,180	8,5 18,739	7,9 17,417
		-6.0 m -20' t lb																	
	Mechanically retractable undercarriage	12.0 m 40' t lb																*10,0 *22,046	*10,0 *22,046
10.5 m 35' t lb											*9,7 *21,385	*9,7 *21,385					*8,1 *17,857	*8,1 *17,857	7,8 17,196
9.0 m 30' t lb											*11,4 *25,133	*11,4 *25,133	*8,3 *18,298	8,1 17,857			*7,3 *16,094	*7,3 *16,094	9,1 20,062
7.5 m 25' t lb											*11,9 *26,235	*11,2 *24,918	*11,2 *24,692	8,2 18,078			*6,8 *14,991	*6,8 *14,330	10,1 22,267
6.0 m 20' t lb									*13,5 *29,762	*13,5 *29,762	*13,1 *28,881	10,8 23,810	*11,6 *25,574	8,0 17,637	*8,7 *19,180	6,0 13,228	*6,6 *14,551	5,7 12,566	10,7 23,589
Straight boom 7.5 m/24' 6"		4.5 m 15' t lb					*22,9 *50,486	22,5 49,604	*17,1 *37,699	14,4 31,747	*14,0 *30,865	10,2 22,487	11,7 24,256	7,6 16,755	9,1 20,062	5,9 13,007	*6,6 *14,551	5,2 11,464	11,2 24,692
		3.0 m 10' t lb							*18,8 *41,447	13,3 29,321	*14,9 *32,849	9,6 21,164	11,3 24,912	7,3 16,094	8,9 19,621	5,7 12,566	*6,7 *14,771	5,0 11,023	11,2 24,692
Arm 3.90 m/12' 8"		1.5 m 5' t lb							*19,8 *43,652	12,4 27,337	14,4 31,747	9,0 19,842	11,0 24,251	7,0 15,432	8,7 19,180	5,5 12,125	*7,0 *15,432	4,9 10,803	11,4 25,133
		0.0 m 0' t lb					*10,9 *24,030	*10,9 *24,030	*19,7 *43,431	11,8 26,015	14,0 30,865	8,7 19,180	10,7 23,589	6,7 14,771	8,6 18,960	5,4 11,905	*7,4 *16,314	5,0 11,023	11,2 24,692
Counterweight 9,400 kg/ 20,710 lb		-1.5 m -5' t lb					*16,1 *35,494	*16,1 *35,494	*18,7 *41,226	11,7 25,794	13,8 30,424	8,5 18,739	10,6 23,369	6,6 14,551	8,5 18,739	5,4 11,905	*8,1 *17,857	5,2 11,464	10,7 23,589
		-3.0 m -10' t lb					*20,3 *44,754	18,4 *40,565	*16,6 *36,597	11,7 25,794	*13,4 *29,542	8,5 18,739	10,6 23,369	6,6 14,551			*8,2 *18,078	5,8 12,787	10,1 22,267
		-4.5 m -15' t lb							*13,4 *29,542	12,0 26,455	*10,7 *23,589	8,7 19,180	*7,4 *16,314	6,9 15,212			*7,2 *15,873	6,9 15,212	9,0 19,842
		-6.0 m -20' t lb																	

- 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 EC460CHR

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.





















 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'		Max. reach		Max. m/ft		
																				
Hydraulically retractable undercarriage	12.0 m 40' lb																			
	10.5 m 35' lb								*13,9 *30,644	*13,9 *30,644								*10,4 *22,928	*10,4 *22,928	7,0 15,432
	9.0 m 30' lb								*13,6 *29,983	*13,6 *29,983	*13,0 *28,660	*13,0 *28,660						*9,1 *20,062	*9,1 *20,062	8,5 18,739
	7.5 m 25' lb								*13,9 *30,644	*13,9 *30,644	*13,1 *28,881	*13,1 *28,881	*12,0 *26,455	10,4 *22,928				*8,6 *18,960	*8,6 *18,960	9,5 20,944
	6.0 m 20' lb					*19,4 *42,770	*19,4 *42,770	*16,3 *35,935	*16,3 *35,935	*13,7 *30,203	*13,7 *30,203	*12,1 *26,676	10,2 *22,487					*8,3 *18,298	*8,2 *18,078	10,2 22,487
	Straight boom 7.5 m/24' 6"	4.5 m 15' lb							*18,0 *39,683	*18,0 *39,683	*14,6 *32,187	13,2 *29,101	*12,5 *27,558	9,9 *21,826	9,9 *21,826	7,7 *16,976		*8,2 *18,078	*7,6 *16,755	10,6 23,369
		3.0 m 10' lb							*19,5 *42,990	17,4 *38,360	*15,4 *33,951	12,6 *27,778	12,4 *27,337	9,6 *21,164	9,8 *21,605	7,6 *16,755		*8,4 *18,519	*7,2 *15,873	10,8 23,810
	Arm 3.35 m/11' 0"	1.5 m 5' lb							*20,1 *44,313	16,6 *36,597	15,8 *34,833	12,1 *26,676	9,3 *20,503	9,6 *21,164	7,5 *16,535		*8,7 *19,180	*7,1 *15,653	10,8 23,810	
		0.0 m 0' lb							*19,6 *43,211	16,2 *35,715	15,5 *34,172	11,8 *26,015	9,1 *20,625	9,6 *21,164	7,4 *16,314		*9,3 *20,503	*7,3 *16,094	10,6 23,369	
		-1.5 m -5' lb					*15,9 *35,053	*15,9 *35,053	*18,2 *40,124	16,1 *35,494	*14,7 *32,408	11,7 *25,794	9,1 *20,615				*9,3 *20,503	*7,8 *17,196	10,2 22,487	
		-3.0 m -10' lb					*18,4 *40,565	*18,4 *40,565	*15,7 *34,613	*15,7 *34,613	*12,8 *28,219	11,7 *25,794	*9,8 *21,605	9,2 *20,283				*8,4 *18,519	*8,4 *18,519	9,5 20,944
		-4.5 m -15' lb								*12,0 *26,455	*12,0 *26,455	*9,5 *20,944	*9,5 *20,944					*8,7 *19,180	*8,7 *19,180	7,8 17,196
		-6.0 m -20' lb																		
	Hydraulically retractable undercarriage	12.0 m 40' lb																	*10,0 *22,046	*10,0 *22,046
10.5 m 35' lb											*9,7 *21,385	*9,7 *21,385						*8,1 *17,857	*8,1 *17,857	7,8 17,196
9.0 m 30' lb											*11,4 *25,133	*11,4 *25,133	*8,3 *18,298	*8,3 *18,298				*7,3 *16,094	*7,3 *16,094	9,1 20,062
7.5 m 25' lb											*11,9 *26,235	*11,9 *26,235	*11,2 *24,692	10,5 *23,149				*6,8 *14,991	*6,8 *14,991	10,1 22,267
6.0 m 20' lb											*13,5 *29,762	*13,5 *29,762	*13,1 *28,881	*13,1 *25,574	10,3 *22,708	*8,7 *19,180	7,9 *17,417	*6,6 *14,551	*6,6 *14,551	10,7 23,589
Straight boom 7.5 m/24' 6"		4.5 m 15' lb					*22,9 *50,486	*22,9 *50,486	*17,1 *37,699	*17,1 *37,699	*14,0 *30,865	13,3 *29,321	*12,0 *26,455	10,0 *22,046	9,9 *21,826	7,7 *16,976		*6,6 *14,551	*6,6 *14,551	11,2 24,692
		3.0 m 10' lb							*18,8 *41,447	17,6 *38,801	*14,9 *32,849	12,6 *27,778	12,4 *27,337	9,6 *21,164	9,7 *21,385	7,6 *16,755		*6,7 *14,771	*6,6 *14,551	11,4 25,133
Arm 3.9 m/12' 8"		1.5 m 5' lb							*19,8 *43,652	16,6 *36,597	*15,5 *34,172	12,1 *26,676	9,3 *20,503	9,5 *20,944	7,4 *16,314		*7,0 *15,432	*6,6 *14,551	11,4 25,133	
		0.0 m 0' lb							*10,9 *24,030	*10,9 *24,030	*19,7 *43,431	16,1 *35,494	15,4 *33,951	11,7 *25,794	9,0 *19,842	9,4 *20,723	7,3 *16,094		*7,4 *16,314	*6,7 *14,771
Counterweight 9,400 kg/ 20,710 lb		-1.5 m -5' lb					*16,1 *35,494	*16,1 *35,494	*18,7 *41,226	15,9 *35,053	*14,9 *32,849	11,5 *25,353	11,6 *25,574	8,9 *19,621	9,4 *20,723	7,3 *16,094		*8,1 *17,857	*7,1 *15,653	10,7 23,589
		-3.0 m -10' lb					*20,3 *44,754	*20,3 *44,754	*16,6 *36,597	16,0 *35,274	*13,4 *29,542	11,5 *25,353	*10,6 *23,369	9,0 *19,842				*8,2 *18,078	*7,8 *17,196	10,1 22,267
		-4.5 m -15' lb							*13,4 *29,542	*13,4 *29,542	*10,7 *23,589	*10,7 *23,589	*7,4 *16,314	*7,4 *16,314				*7,2 *15,873	*7,2 *15,873	9,0 19,842
		-6.0 m -20' lb																		

- 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.





















 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 26,015	'11,8 26,015	8,8 19,401
	7.5 m t 25' lb									'16,6 36,597	'16,6 36,597	'15,3 33,731	13,4 29,542							'11,5 25,353	'11,5 25,353	9,7 21,385
	6.0 m t 20' lb							'21,0 46,297	'21,0 46,297	'17,8 39,242	17,7 39,022	'15,8 34,833	13,0 28,660							'11,4 25,133	10,0 22,046	10,4 22,928
	4.5 m t 15' lb							'23,7 52,250	23,5 51,809	'19,2 42,329	16,6 36,597	'16,5 36,376	12,4 27,337	13,7 30,203	9,4 20,723					'11,7 25,794	9,0 19,842	10,7 23,589
	3.0 m t 10' lb							'26,0 57,320	21,5 47,399	'20,5 45,195	15,5 34,172	17,2 37,920	11,7 25,794	13,4 29,542	9,1 20,062					'12,2 26,896	8,5 18,739	10,9 24,030
	1.5 m t 5' lb							'27,3 60,186	20,0 44,092	'21,4 47,179	14,6 32,187	16,6 36,597	11,2 24,692	13,1 28,881	8,8 19,401					'12,4 27,337	8,3 18,298	10,9 24,030
	0.0 m t 0' lb					'19,6 43,211	'19,6 43,211	'27,3 60,186	19,3 42,549	21,3 46,958	14,0 30,865	16,2 35,715	10,8 23,810	12,8 28,219	8,6 18,960					'12,7 27,999	8,5 18,739	10,6 23,369
	Counterweight 10,750 kg/23,690 lb	-1.5 m t -5' lb			'16,5 36,376	'16,5 36,376	'29,5 65,036	'29,5 65,036	'26,2 57,761	19,0 41,888	21,0 46,297	13,7 30,203	15,9 35,053	10,6 23,369						'13,5 29,762	9,0 19,842	10,1 22,267
		-3.0 m t -10' lb			'27,7 61,068	'27,7 61,068	'29,3 64,595	'29,3 64,595	'23,8 52,470	19,1 42,108	19,2 42,329	13,7 30,203	'15,2 33,510	10,6 23,369						'14,1 31,085	10,1 22,267	9,4 20,723
		-4.5 m t -15' lb			'27,6 60,848	'27,6 60,848	'24,0 52,911	'24,0 52,911	'19,8 43,652	19,5 42,990	'15,7 34,613	14,0 30,865								'13,2 29,101	12,3 27,117	8,3 18,298
-6.0 m t -20' lb						'15,8 34,833	'15,8 34,833	'12,9 28,440	'12,9 28,440											'10,8 23,810	'10,8 23,810	6,7 14,771
																				'9,9 21,826	'9,9 21,826	8,3 18,298
Undercarriage mechanical retractable	10.5 m t 35' lb																			'9,9 21,826	'9,9 21,826	8,3 18,298
	9.0 m t 30' lb											'12,2 26,896	'12,2 26,896							'9,2 20,283	'9,2 20,283	9,5 20,944
	7.5 m t 25' lb											'14,1 31,085	13,5 29,762						'8,9 19,621	'8,9 19,621	10,4 22,928	
	6.0 m t 20' lb									'16,5 36,376	'16,5 36,376	'14,7 32,408	13,0 28,660	'12,6 27,778	9,7 21,385				'8,9 19,621	8,8 19,401	11,0 24,251	
	4.5 m t 15' lb					'29,7 65,477	'29,7 65,477	'22,0 48,502	'22,0 48,502	'18,0 39,683	16,8 37,038	'15,5 34,172	12,4 27,337	13,7 30,203	9,4 20,723				'9,1 20,062	8,0 17,637	11,3 24,912	
	3.0 m t 10' lb							'24,8 54,675	22,0 48,502	'19,6 43,211	15,6 34,392	'16,4 36,156	11,7 25,794	13,3 29,321	9,0 19,842				'9,5 20,944	7,6 16,755	11,5 25,353	
	1.5 m t 5' lb							'26,6 58,643	20,3 44,754	'20,7 45,636	14,6 32,187	16,5 36,376	11,1 24,471	12,9 28,440	8,6 18,960				'10,1 22,267	7,4 16,314	11,5 25,353	
	0.0 m t 0' lb					'21,1 46,518	'21,1 46,518	'27,2 59,966	19,3 42,549	21,2 46,738	13,9 30,644	16,0 35,274	10,6 23,369	12,6 27,778	8,3 18,298				'11,1 24,471	7,5 16,535	11,2 24,692	
	Counterweight 10,750 kg/23,690 lb	-1.5 m t -5' lb			'15,8 34,833	'15,8 34,833	'27,8 61,289	'27,8 61,289	'26,6 58,643	18,8 41,447	20,8 45,856	13,5 29,762	15,7 34,613	10,3 22,708	12,4 27,337	8,2 18,078				'12,0 26,455	7,9 17,417	10,8 23,810
		-3.0 m t -10' lb	'19,2 42,329	'19,2 42,329	'24,2 53,352	'24,2 53,352	'31,6 69,666	30,4 67,021	'24,8 54,675	18,7 41,226	'19,8 43,652	13,3 29,321	15,6 34,392	10,2 22,487					'13,2 29,101	8,8 19,401	10,1 22,267	
-4.5 m t -15' lb				'33,6 74,075	'33,6 74,075	'26,9 59,304	'26,9 59,304	'26,9 59,304	'21,5 47,399	19,0 41,888	'17,2 37,920	13,5 29,762	'12,9 28,440	10,5 23,149					'12,7 27,999	10,4 22,928	9,1 20,062	
-6.0 m t -20' lb						'19,9 43,872	'19,9 43,872	'16,1 35,494	'16,1 35,494	'11,8 26,015	'11,8 26,015								'11,3 24,912	'11,3 24,912	7,6 16,755	

- 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.





















 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	Max. ft	
Undercarriage mechanical retractable	12.0 m 40' t lb							'19,1	'19,1										'15,1	'15,1	7,0	
	10.5 m 35' t lb									'18,0	'18,0								'13,2	'13,2	8,6	
	9.0 m 30' t lb							'17,5	'17,5	'18,5	18,3	'17,0	13,0						'12,2	10,9	9,8	
	7.5 m 25' t lb							'38,581	'38,581	'40,786	40,345	'37,479	28,660						'26,896	24,030	21,605	
	6.0 m 20' t lb							'43,652	'43,652	'43,431	38,801	'37,699	28,219	'30,424	20,944				'25,574	20,283	23,589	
	4.5 m 15' t lb							'25,3	23,9	'20,5	16,6	'17,4	12,3	13,6	9,3				'11,4	8,1	11,2	
	3.0 m 10' t lb							'55,777	52,690	'45,195	36,597	'38,360	27,117	'29,983	20,503				'25,133	17,857	24,692	
	1.5 m 5' t lb							'27,0	21,6	'21,3	15,5	'17,1	11,7	13,3	9,0				'11,2	7,5	11,6	
	0.0 m 0' t lb							'59,525	47,620	'46,958	34,172	'37,699	25,794	'29,321	19,842				'24,692	16,535	25,574	
	Straight boom 8.3 m/27' 3"	13.5 m 45' t lb									'21,7	14,5	16,5	11,1	12,9	8,7				'10,8	7,2	11,7
12.0 m 40' t lb										21,0	13,7	15,9	10,6	12,6	8,4				'10,7	7,1	11,7	
10.5 m 35' t lb										46,297	30,203	'35,053	23,369	'27,778	18,519				'23,589	15,635	25,794	
9.0 m 30' t lb								'24,2	18,3	'20,1	13,2	15,6	10,2	12,4	8,2				'10,9	7,3	11,5	
7.5 m 25' t lb								'53,352	40,345	'44,313	29,101	'34,392	22,487	'27,337	18,078				'24,030	16,094	25,353	
6.0 m 20' t lb								'20,9	18,3	'17,9	13,1	'14,7	10,1	'11,4	8,2				'9,7	7,8	11,1	
4.5 m 15' t lb								'46,077	40,345	'39,463	28,881	'32,408	22,267	'25,133	18,078				'21,385	17,196	24,251	
3.0 m 10' t lb								'16,2	'16,2	'16,6	'16,6	'14,6	13,3	'11,7	10,3				'7,9	'7,9	10,3	
1.5 m 5' t lb								'35,715	'35,715	'36,597	'36,597	'32,187	29,321	'25,794	22,708				'17,417	'17,417	22,708	
0.0 m 0' t lb								'24,251	'24,251	'21,605	'21,605	'14,771	'14,771						'13,228	'13,228	20,283	
Undercarriage mechanical retractable (standard)	13.5 m 45' t lb									'14,0	'14,0								'14,5	'14,5	5,7	
	12.0 m 40' t lb									'30,865	'30,865								'25,353	'25,353	17,637	
	10.5 m 35' t lb									'14,7	'14,7	'13,1	'13,1						'10,2	'10,2	9,5	
	9.0 m 30' t lb									'32,408	'32,408	'28,881	'28,881						'22,487	'22,487	20,944	
	7.5 m 25' t lb									'14,6	'14,6	'13,9	13,2	'10,2	9,5				'9,5	9,4	10,6	
	6.0 m 20' t lb							'14,6	'14,6	'15,6	'15,6	'14,1	12,9	'12,4	9,5				'9,1	8,0	11,4	
	4.5 m 15' t lb							'21,1	'21,1	'17,1	16,8	'14,5	12,3	'12,5	9,3				'8,9	7,2	11,9	
	3.0 m 10' t lb							'46,518	'46,518	'37,699	37,038	'31,967	27,117	'27,558	20,503				'19,621	15,873	26,235	
	1.5 m 5' t lb							'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	
	0.0 m 0' t lb							'50,045	49,163	'39,463	34,613	'32,628	25,794	'27,778	19,621	'22,928	15,212		'19,621	14,551	26,896	
Straight boom 4.2 m/13' 9"	13.5 m 45' t lb									'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
	12.0 m 40' t lb									'52,029	44,754	'40,565	32,187	'33,069	24,251	'27,778	18,739	'22,487	14,771	'20,062	13,889	27,337
	10.5 m 35' t lb									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
	9.0 m 30' t lb									51,368	41,667	'40,345	30,203	'32,849	22,928	'27,117	18,078	'21,826	14,551	'20,283	13,889	27,117
	7.5 m 25' t lb									'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
	6.0 m 20' t lb							'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	
	4.5 m 15' t lb							'35,274	'35,274	'42,329	39,904	'35,053	28,440	'28,660	21,605	'22,708	17,196		'16,535	14,991	25,794	
	3.0 m 10' t lb							'17,0	'17,0	'15,8	'15,8	'13,4	12,9	'10,8	9,8	'7,9	'7,9		'6,2	'6,2	11,0	
	1.5 m 5' t lb							'37,479	'37,479	'34,833	'34,833	'29,542	28,440	'23,810	21,605	'17,417	'17,417		'13,669	'13,669	24,251	
	0.0 m 0' t lb							'11,2	'11,2	'11,2	'11,2	'9,7	'9,7	'7,3	'7,3				'4,3	'4,3	10,1	
Counterweight 10,750 kg/23,690 lb							'24,692	'24,692	'24,692	'24,692	'21,385	'21,385	'16,094	'16,094				'9,480	'9,480	22,267		

- 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.





















 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	9.0 m t																					
	30' lb																					
	7.5 m t																					
	25' lb																					
	6.0 m t																					
	20' lb																					
	4.5 m t																					
	15' lb																					
	3.0 m t																					
	10' lb																					
	Bent boom 7.7 m/25' 3"	1.5 m t																				
	5' lb																					
	Arm 3.55 m/11' 8"	0.0 m t																				
	0' lb																					
Counterweight 10,750 kg/23,690 lb	-1.5 m t																					
	-5' lb																					
	-3.0 m t																					
	-10' lb																					
	-4.5 m t																					
	-15' lb																					
	-6.0 m t																					
	-20' lb																					
	Undercarriage hydraulically retractable	10.5 m t																				
		35' lb																				
9.0 m t																						
30' lb																						
7.5 m t																						
25' lb																						
6.0 m t																						
20' lb																						
4.5 m t																						
15' lb																						
Bent boom 7.7 m/25' 3"		3.0 m t																				
10' lb																						
Arm 4.2 m/13' 9"		1.5 m t																				
5' lb																						
Counterweight 10,750 kg/23,690 lb	0.0 m t																					
0' lb																						
-1.5 m t																						
-5' lb																						
-3.0 m t																						
-10' lb																						
-4.5 m t																						
-15' lb																						
-6.0 m t																						
-20' lb																						

- 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.

 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 lb							'19,1 '42,108	'19,1 '42,108									'15,1 '33,290	'15,1 '33,290	7,0 15,432	
	10.5 m 35' t lb									'18,0 '39,683	'18,0 '39,683							'13,2 '29,101	'13,2 '29,101	8,6 18,960	
	9.0 m 30' t lb							'17,5 '38,581	'17,5 '38,581	'18,5 '40,786	'18,5 '40,786	'17,0 '37,479	'17,0 '37,479					'12,2 '26,896	'12,2 '26,896	9,8 21,605	
	7.5 m 25' t lb							'19,8 '43,652	'19,8 '43,652	'19,7 '43,431	'19,7 '43,431	'17,1 '37,699	'17,1 '37,699	'13,8 '30,424	'13,8 '30,424			'11,6 '25,574	'11,6 '25,574	11,0 23,589	
	6.0 m 20' t lb							'25,3 '55,777	'25,3 '55,777	'20,5 '45,195	'20,5 '45,195	'17,4 '38,360	'17,4 '38,360	'15,1 '33,290	'14,5 '31,967			'11,4 '25,133	'11,4 '25,133	11,2 24,692	
	Straight boom 8.3 m/27' 3"	4.5 m 15' t lb						'27,0 '59,525	'27,0 '59,525	'21,3 '46,958	'21,3 '46,958	'17,7 '39,022	'17,7 '39,022	'14,9 '32,849	'14,2 '31,306			'11,5 '25,353	'11,5 '25,353	11,6 25,574	
	Arm 3.55 m/11' 8"	3.0 m 10' t lb									'21,7 '47,840	'21,7 '47,840	'17,8 '39,242	'17,5 '38,581	'14,5 '31,967	'13,8 '30,424			'11,7 '25,794	'11,6 '25,574	11,7 25,794
		1.5 m 5' t lb									'21,4 '47,179	'21,4 '47,179	'17,5 '38,581	'17,0 '37,479	'14,2 '31,306	'13,5 '29,762			'11,8 '26,015	'11,5 '25,353	11,7 25,794
	Counterweight 10,750 kg/ 23,690 lb	0.0 m 0' t lb						'24,2 '53,352	'24,2 '53,352	'20,1 '44,313	'20,1 '44,313	'16,5 '36,376	'16,5 '36,376	'13,4 '29,542	'13,3 '29,321			'10,9 '24,030	'10,9 '24,030	11,5 25,353	
		-1.5 m -5' t lb						'20,9 '46,077	'20,9 '46,077	'17,9 '39,463	'17,9 '39,463	'14,7 '32,408	'14,7 '32,408	'11,4 '25,133	'11,4 '25,133			'9,7 '21,385	'9,7 '21,385	11,1 24,251	
-3.0 m -10' t lb					'16,2 '35,715	'16,2 '35,715	'16,6 '36,597	'16,6 '36,597	'14,6 '32,187	'14,6 '32,187	'11,7 '25,794	'11,7 '25,794	'9,7 '21,385	'9,7 '21,385			'7,9 '17,417	'7,9 '17,417	10,3 22,708		
-4.5 m -15' t lb							'11,0 '24,251	'11,0 '24,251	'9,8 '21,605	'9,8 '21,605	'6,7 '14,771	'6,7 '14,771					'6,0 '13,228	'6,0 '13,228	9,2 20,283		
																			'14,5 '31,967	'14,5 '31,967	5,7 12,566
Undercarriage hydraulically retractable	13.5 m 45' t lb									'14,0 '30,865	'14,0 '30,865							'11,5 '25,353	'11,5 '25,353	8,0 17,637	
	12.0 m 40' t lb									'14,7 '32,408	'14,7 '32,408	'13,1 '28,881	'13,1 '28,881					'10,2 '22,487	'10,2 '22,487	9,5 20,944	
	10.5 m 35' t lb									'14,6 '32,187	'14,6 '32,187	'14,7 '32,408	'14,7 '32,408	'10,2 '22,487	'10,2 '22,487			'9,5 '20,944	'9,5 '20,944	10,6 23,369	
	9.0 m 30' t lb									'14,6 '32,187	'14,6 '32,187	'15,8 '34,833	'15,8 '34,833	'14,0 '30,865	'14,0 '30,865			'9,1 '20,062	'9,1 '20,062	11,4 25,133	
	7.5 m 25' t lb						'14,6 '32,187	'14,6 '32,187	'15,6 '34,392	'15,6 '34,392	'15,8 '34,833	'15,8 '34,833	'14,0 '30,865	'14,0 '30,865			'9,1 '20,062	'9,1 '20,062	11,4 25,133		
	6.0 m 20' t lb						'21,2 '46,738	'21,2 '46,738	'19,3 '42,549	'19,3 '42,549	'16,7 '36,817	'16,7 '36,817	'14,5 '31,967	'14,5 '31,967			'8,9 '19,621	'8,9 '19,621	11,9 26,235		
	Straight boom 8.3 m/27' 3"	4.5 m 15' t lb					'26,0 '57,320	'26,0 '57,320	'20,6 '45,415	'20,6 '45,415	'17,1 '37,699	'17,1 '37,699	'14,1 '32,408	'14,1 '31,085	'11,7 '25,794	'11,2 '24,692	'8,9 '19,621	'8,9 '19,621	12,2 26,896		
	Arm 4.2 m/13' 9"	3.0 m 10' t lb						'27,2 '59,966	'27,2 '59,966	'21,3 '46,958	'21,3 '46,958	'17,4 '38,360	'17,4 '38,360	'14,4 '31,747	'13,7 '30,203	'11,6 '25,574	'11,0 '24,251	'9,1 '20,062	'9,1 '20,062	12,4 27,337	
		1.5 m 5' t lb						'27,0 '59,525	'27,0 '59,525	'21,3 '46,958	'21,3 '46,958	'17,3 '38,140	'16,9 '37,258	'14,0 '30,865	'13,3 '29,321	'11,4 '25,133	'10,8 '23,810	'9,5 '20,944	'9,5 '20,944	12,3 27,117	
	Counterweight 10,750 kg/ 23,690 lb	0.0 m 0' t lb						'25,3 '55,777	'25,3 '55,777	'20,4 '44,974	'20,4 '44,974	'16,7 '36,817	'16,4 '36,156	'13,6 '29,983	'13,0 '28,660	'10,4 '22,928	'10,4 '22,928	'10,1 '22,267	'10,1 '22,267	12,1 26,676	
-1.5 m -5' t lb					'16,0 '35,274	'16,0 '35,274	'22,5 '49,604	'22,5 '49,604	'18,6 '41,006	'18,6 '41,006	'15,2 '33,510	'15,2 '33,510	'12,2 '26,896	'12,2 '26,896			'9,1 '20,062	'9,1 '20,062	11,7 25,794		
-3.0 m -10' t lb							'20,4 '44,974	'20,4 '44,974	'18,7 '41,226	'18,7 '41,226	'15,8 '34,833	'15,8 '34,833	'12,9 '28,440	'12,9 '28,440	'9,5 '20,944	'9,5 '20,944	'7,6 '16,755	'7,6 '16,755	11,0 24,251		
-4.5 m -15' t lb							'13,8 '30,424	'13,8 '30,424	'13,6 '29,983	'13,6 '29,983	'11,7 '25,794	'11,7 '25,794	'9,0 '19,842	'9,0 '19,842			'5,5 '12,125	'5,5 '12,125	10,1 22,267		
																			'12,125 '12,125	'12,125 '12,125	22,267

- 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
Alternator, 80 A

Electric/Electronic control system

Machine total movement indicator warning system
Care Track and 3 year subscription
Contronics

- Advanced mode control system
- Self-diagnostic system

Machine status indication
Engine speed sensing power control
Automatic idling system
Safety stop/start function
Adjustable LCD color monitor
Rearview camera
One-touch power boost
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
Travel alarm

Hydraulic system

Hose rupture valve: boom and arm cylinders for high reach front
Hydraulic piping:

- Hammer & shear two pump flow, pedal and proportional switch control
- Slope & rotator
- Oil leak (drain) line
- Quick fit piping

Automatic sensing hydraulic system

- Summation system
- Boom priority
- Arm priority
- Slew priority

Boom and arm regeneration valves
Slew anti-rebound valves
Boom and arm holding valves
Multi-stage filtering system
Cylinder cushioning
Cylinder contamination seals
Automatic two-speed travel motors
Hydraulic oil, ISO VG 46
Bucket & boom cylinder guard for digging front
Straight travel pedal
Pilot control pattern change valve

Superstructure

Access way with handrail
Full height counterweight:
6 200 kg (13,660 lb)
Additional removable counterweight for high reach
Tool storage area
Punched metal anti-slip plates
Undercover plate (heavy-duty 8 mm)
HD double thickness side doors with micro mesh
Side Impact Protection System and cab door walkway

Tilting cab, and interior

Seat with heater and air suspension
Control joystick with 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:

- 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, 3" retractable
- 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

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

Track shoes

700 mm (28") triple grousers

Digging equipment

Boom: One boom

- Straight configuration 6,8 m (22' 4")
- Bent configuration 6,5 m (21' 4")

Arm: 3,2 m/3,9 m (10" 6'/12' 10")

High reach

Boom HR: 21 m (68' 11")

Service

Tool kit, daily maintenance

Environmental

Water piping for dust control at working tool

OPTIONAL EQUIPMENT EC360CHR

Engine

Block heater: 120 V
Fuel filler pump, (50 lpm - auto stop)
Pre-cleaner, oil bath
Diesel coolant heater, 10 kW
Water separator with heater
Reversible fan drive

Electric

Extra lights:

- Cab front top-mounted 2
- Cab rear-mounted 1
- Counterweight-mounted 1

Anti-theft system
Rotating warning beacon

Hydraulic system

Hydraulic piping:

- Additional return filter

Hose rupture valve: arm for digging front
Volvo hydraulic quick fit, S3 size
Hydraulic oil, ISO VG 32
Hydraulic oil, ISO VG 68
Hydraulic oil, biodegradable 32
Hydraulic oil, biodegradable 46

Cab and interior

Seat with mechanical suspension without heater
Seat with mechanical suspension with heater
Control joystick, 4 switch
Safety screen for front window
Lower wiper
Anti-vandalism kit

Superstructure

Side walkway

Track shoes

600 mm (24") triple grousers
800 mm (32") triple grousers

Service

Spare parts
Tool kit, full scale

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

STANDARD EQUIPMENT EC460CHR

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

Alternator, 80 A

Electric/Electronic control system

Machine total movement indicator warning system

Care Track and 3 year subscription

Contronics

- Advanced mode control system
- Self-diagnostic system

Machine status indication

Engine speed sensing power control

Automatic idling system

Rearview camera

Front view camera

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

Travel alarm

Hydraulic system

Hose rupture valve: boom and arm cylinders for high reach front

Hydraulic piping:

- Hammer & shear two pump flow, pedal and proportional switch control
- Slope & rotator
- Oil leak (drain) line
- Quick fit piping

Automatic sensing hydraulic system

- Summation system
- Boom priority
- Arm priority
- Slew priority

Boom and arm regeneration valves

Slew anti-rebound valves

Boom and arm holding valves

Multi-stage filtering system

Cylinder cushioning

Cylinder contamination seals

Automatic two-speed travel motors

Hydraulic oil, ISO VG 46

Bucket & boom cylinder guard

for digging front

Straight travel pedal

Pilot control pattern change valve

Superstructure

Access way with handrail

Full height counterweight:

9 400 kg (20,710 lb)

Additional removable counterweight for high reach

Tool storage area

Punched metal anti-slip plates

Undercover plate (heavy-duty 8 mm)

HD double thickness side doors

with micro mesh

Side Impact Protection System and

cab door walkway

Tilting cab, and interior

Seat with heater and air suspension

Control joystick with 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:

- 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, 3" retractable

- Safety glass

- Sun shield, front, roof, rear

- Rain shield

- Windshield wiper with intermittent feature

Anti-vandalism kit assembly preparation

Master ignition key

Falling object guard (FOG)

- Frame-mounted

Undercarriage

Long crawler undercarriage

Swing ring guard

Hydraulic track adjusters

Greased and sealed track chain

Full track guards

Undercover plate (heavy-duty 10 mm)

Hydraulically retractable undercarriage

Track shoes

700 mm (28") triple grousers

Digging equipment

Boom: One boom

- Straight configuration 7,5 m (24' 7")

- Bent configuration 7,0 m (23' 0")

Arm: 3,35 m/3,9 m (11' 0"/12' 10")

High reach

Boom HR: 27,3 m (89' 7")

Service

Tool kit, daily maintenance

Environmental

Water piping for dust control at working tool

OPTIONAL EQUIPMENT EC460CHR

Engine

Block heater: 120 V

Fuel filler pump, (50 lpm - auto stop)

Pre-cleaner, oil bath

Diesel coolant heater, 10 kW

Water separator with heater

Reversible fan drive

Electric

Extra lights:

- Cab front top-mounted 2
- Cab rear-mounted 1
- Counterweight-mounted 1

Anti-theft system

Rotating warning beacon

Hydraulic system

Hydraulic piping:

- Additional return filter

Hose rupture valve: arm for digging front

Volvo hydraulic quick fit, S3 size

Hydraulic oil, ISO VG 32

Hydraulic oil, ISO VG 68

Hydraulic oil, biodegradable 32

Hydraulic oil, biodegradable 46

Cab and interior

Seat with mechanical suspension

without heater

Fabric seat with mechanical suspension

with heater

Control joystick, 4 switch

Safety screen for front window

Anti-vandalism kit

Superstructure

Side walkway

Undercarriage

Mechanically retractable undercarriage

Track shoes

600 mm (24") double grousers,

800 mm (32") triple grousers

Service

Tool kit, full scale

Spare parts

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

Dual stage air filter with indicator and pre-cleaner

Air intake heater

Electric engine shut-off

Fuel filter and water separator

Alternator, 80 A

Electric/Electronic control system

Machine total movement indicator warning system

Care Track and 3 year subscription

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 / 7 kW

Travel alarm

Hydraulic system

Hose rupture valve: boom and arm cylinders for high reach front

Hydraulic piping:

- Hammer & shear two pump flow, pedal and proportional switch control

- Slope & rotator

- Oil leak (drain) line

- Quick fit piping

Automatic sensing hydraulic system

- Summation system

- Boom priority

- Arm priority

- Slew priority

Boom and arm regeneration valves

Slew anti-rebound valves

Boom and arm holding valves

Multi-stage filtering system

Cylinder cushioning

Cylinder contamination seals

Bucket and boom cylinder guard for digging front

Automatic two-speed travel motors

Hydraulic oil, ISO VG 46

Straight travel pedal

Pilot control pattern change valve

Superstructure

Access way with handrail

Full height counterweight:

10 750 kg (23,690 lb)

Additional removable counterweight for high reach

Tool storage area

Punched metal anti-slip plates

Undercover plate (heavy-duty 8 mm)

Side walk-way

HD double thickness side doors

with micro mesh

Tilting cab, and interior

Seat with heater and air suspension for high reach front

Control Joystick with proportional control

Heater & air-conditioner, automatic

Hydraulic dampening cab mounts

Adjustable operator seat and joystick control console

AM/FM radio with cassette

Flexible antenna

Hydraulic safety lock lever

Cab, all-weather sound suppressed, 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, 3" retractable

- 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)

- Cabin-mounted

Undercarriage

Hydraulically retractable undercarriage

Swing ring guard

Hydraulic track adjusters

Greased and sealed track chain

Full track guards

Undercover plate (heavy-duty 10 mm)

Long crawler undercarriage

Track shoes

750 mm (30") with double grousers

Digging equipment

Boom: One boom

- Straight configuration 8,3 m (27' 3")

- Bent configuration 7,7 m (25' 3")

Arm: 3,55 m/4,2 m (11' 8'/13' 9")

High reach

Mass demolition boom 16,6 m (54' 5")

Boom HR: 29 m (95' 4")

Boom extension: 3 m (9' 10")

Service

Tool kit, daily maintenance

Environmental

Water piping for dust control at working tool

OPTIONAL EQUIPMENT EC700BHR

Engine

Block heater: 120 V

Fuel filler pump, (100 lpm - auto stop)

Pre-cleaner, oil bath

Diesel coolant heater, 10 kW

Water separator with heater

Low noise kit

Electric

Extra lights:

- Counterweight-mounted 1

Anti-theft system

Rotating warning beacon

Hydraulic system

Hydraulic piping:

- Additional return filter

Hose rupture valve: arm for digging front

Volvo hydraulic quick fit U-70

Hydraulic oil, ISO VG 32

Hydraulic oil, ISO VG 68

Hydraulic oil, biodegradable 32

Hydraulic oil, biodegradable 46

Cab and interior

Seat with mechanical suspension without heater

Seat with mechanical suspension with heater

Foot support bar

Safety screen for front window

Lower wiper

Anti-vandalism kit

Undercarriage

Mechanically retractable undercarriage

Track shoes

650 mm (26") double grousers,

900 mm (36") double grousers

Service

Spare parts

Tool kit, full scale

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

SPECIFICATIONS STANDARD DEMOLITION

Main Data of standard demolition machines

General Data		EC210CLD	EC240CLD	EC290CLD	EC360CLD	EC460CLD	EC700CLD
Operating weight, without attachment	t	21.7-23.0	25.3-26.2	29.1-30.4	38.3-39.7	45.6-48.3	68.3-70.6
	lb	47,840-48,470	55,660-57,640	64,020-66,880	84,260-87,340	100,320-106,260	150,260-155,650
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	30	30	30
	rpm	1,800	1,800	1,800	1,800	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	1.8-3.8	2.5-6.6
	yd ³	1.08-1.86	1.28-2.89	1.37-2.55	1.98-3.63	2.32-4.97	3.6-8.63
Lifting capacity along undercarriage	t	7.1	9.1	10.8	11.3	13.8	18.7
	lb	15,670	19,760	23,370	25,840	29,820	43,610
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	315.0
	lb	29,310	35,280	38,810	47,190	54,900	70,700
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	8.2	9.2	10.1
	ft-in	24' 1"	23' 0"	26' 2"	26' 11"	30' 0"	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
Pump type		2 x variable displacement axial piston pumps					
System pressure (attachment)	MPa	32,3 MPa (330kg/cm ²)		31,4 MPa (320kg/cm ²)			
	Psi	4690		4550			
with Power Boost (attachment)	MPa	34,3 MPa (350kg/cm ²)					
	Psi	4980					
Maximum flow rate	l/min	2 x 200	2 x 230	2 x 250	2 x 280	2 x 345	2 x 436
	gal.	2 x 53	2 x 61	2 x 66	2 x 74	2 x 91	2 x 115
Swing speed	rpm	11,6	11,4	10,2	9,7	8,5	6,7
Travel speed (1st/2nd)	km/h	3,2 / 5,5	3,2 / 5,5	3,3 / 5,2	3,3 / 4,5	2,9 / 4,8	3,0 / 4,5
	mph	2.0 / 3.4	2 / 3.4	2.1 / 3.2	2.1 / 2.8	2.0 / 3.0	1.9 / 2.9
Gradeability	degree/%	35° (70%) (backhoe only)					
Maximum tractive effort	kN	183.0	209.0	230.5	256.9	325.0	453.0
	lb	41,230	46,960	51,820	57,770	72,990	101,830



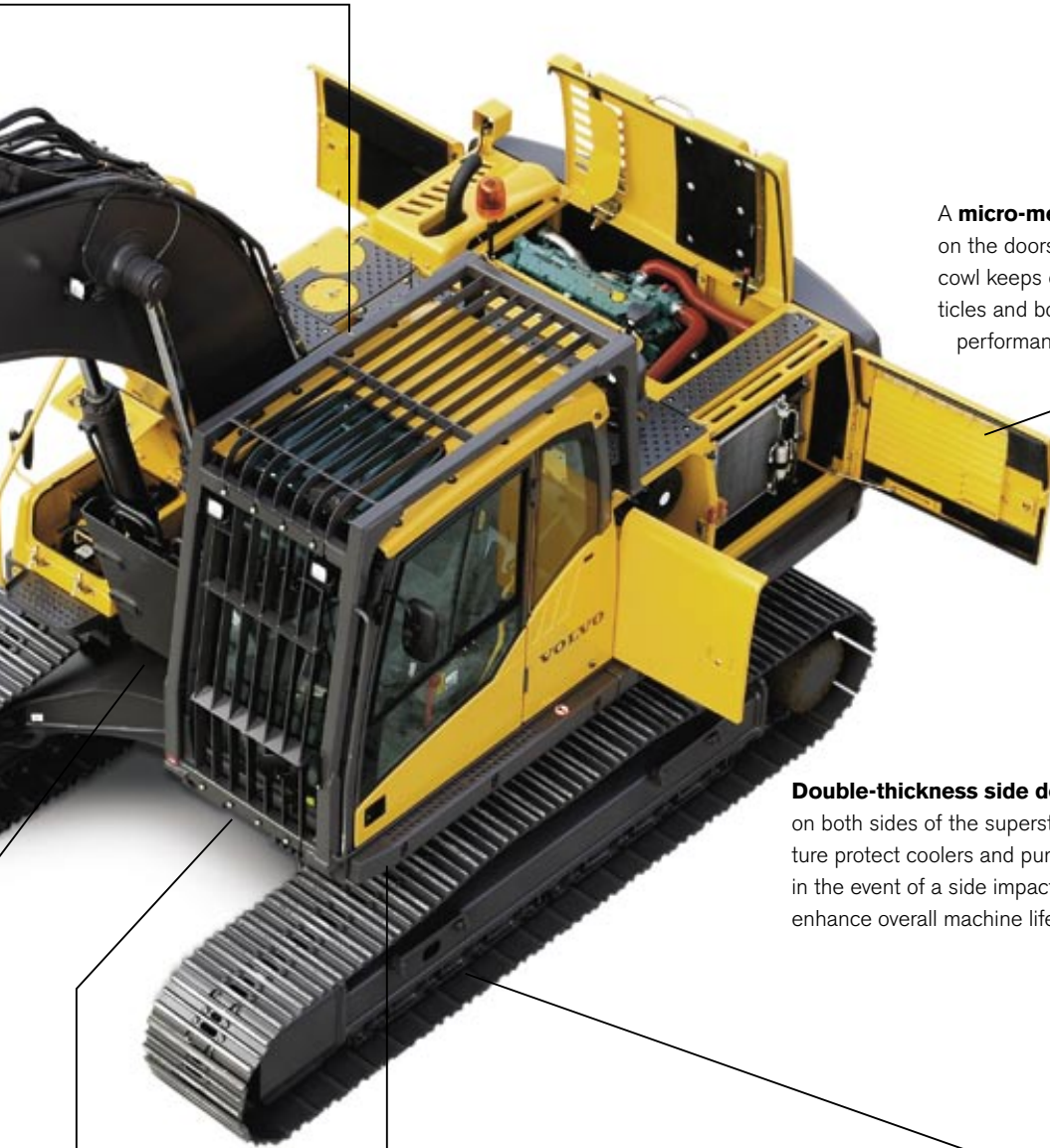
The **frame-mounted falling object guard (FOG)** protects the operator and cab from wayward debris, enhancing safety and machine uptime.



Swing-ring protection guard jackets the swing ring bearing seal and grease piping from damage by rebar, timber, concrete rubble or other debris.



Volvo hydraulics are ready for use of a wide range of demolition **attachments** including **grapples, hammers, shears** and **pulverizers**.



A **micro-mesh screen** on the doors and engine cowl keeps out fine particles and boosts engine performance.



Double-thickness side doors on both sides of the superstructure protect coolers and pumps in the event of a side impact, and enhance overall machine life.



The bolt-on **side impact protection system** protects the superstructure from damage.

Punched plate is welded to the top of the rail along the cab entrance to provide sure grip for the operator.



Full-length track-chain guards keeps out demolition debris and prevents rebar or other sharp objects from lodging in the tracks.



Enhanced 8 mm (0.31 in) under-guarding of the superstructure and **10 mm (0.39 in) guarding under the slew ring**, with bolt-head protection.





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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