



Volvo Construction Equipment
Building Tomorrow

EC750E_{HR}

Volvo Excavators



Reaching new heights

PATENTED HYDRAULIC MODULAR JOINTS

- Change from high reach to digging configuration using two-pin hydraulic lock
- Second hydraulic modular joint on extension boom
- Common interface between extension boom and digging boom for quick configuration



EASY TO TRANSPORT

- Retractable undercarriage
- Easy-to-remove track frames
- Ability to self-disassemble/reassemble

AN EXCEPTIONAL HIGH-REACH EXCAVATOR

- Maximum pin height of 36m (118ft)
- 10m (33ft) reach below ground

OUTSTANDING STABILITY

- All-new undercarriage specifically developed for demolition segment – heavier and wider than the larger EC950E undercarriage
- 0.5m (1.6ft) longer and 1m (3.2ft) wider than conventional EC750E
- Impressive track gauge of 4.3m (17.4ft)
- Additional 4 tonnes (4.4 tons) of counterweight
- Total machine weight of 104 tonnes (115 tons)



VISIBLY IN CONTROL

- Large area of laminated glazing for good sight lines of work area
- Comfortable and spacious cab with convenient layout of controls
- Cabin tilts to 30°, reducing operator strain and fatigue
- Dust suppression system and camera on demolition arm as standard – delivering high quality images to in-cab display
- Real-time Total Moment Indicator as standard



MULTI-USE DEMOLITION MACHINE

- Work underground and under water
- Offered with two high-reach demolition boom sets and one digging boom set with extension
- Carry a tool of up to 3.6 tonnes (4 tons) when working at maximum height
- Second high-reach configuration has 26m (85ft) maximum pin height for use with larger 5 tonne (5.5ton) tool
- Digging boom set with 4.4m (14.4ft) extension allows for 18m (59ft) pin height while using a tool up to 9.1 tonnes (10 tons)

ADDED PROTECTION

- Volvo Care Cab with Falling Object Guard (FOG) and side impact protection (SIPS)
- Heavy-duty belly cover and under cover
- Swing ring protection guard
- Added protection on boom and crusher cylinders
- Full support of Volvo aftermarket and dealer network

Volvo EC750E_{HR} in detail

Engine

The latest generation, Volvo engine Tier 4f (Stage IV) emissions certified diesel engine fully meets the demands of the latest, emissions regulations. Featuring Volvo Advanced Combustion Technology (V-ACT), it is designed to deliver superior performance and fuel efficiency. The engine uses precise, highpressure fuel injectors, turbo charger and air-to-air intercooler, and electronic engine controls to optimize machine performance. Air Filter: 3-stage with precleaner. Automatic Idling System: Reduces engine speed to idle when the levers and pedals are not activated resulting in less fuel consumption and low cab noise levels.

Engine Tier 4f (Stage IV)	Volvo	D16J
Max power at	r/s / r/min	30 / 1,800
Net, ISO 9249/SAE J1349	kW (hp)	392 (526)
Gross, ISO 14396/SAE J1995	kW (hp)	393 (527)
Max torque at	Nm (lbf ft) / r/min	2,570 (1,896) / 1,350
No. of cylinders		6
Displacement	l (in ³)	16.1 (982)
Bore	mm (in)	144 (5.67)
Stroke	mm (in)	165 (6.5)

Electrical system

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

Voltage	V	24
Batteries	V	2 x 12
Battery capacity	Ah	210
Alternator	V / Ah	28 / 80

Swing system

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

Max. slew speed	r/min	7
Max. slew torque	kNm (lbf ft)	275.3 (203,051)

Drive

Each track is powered by an automatic two-speed shift travel motor. The track brakes are multi-disc, spring-applied and hydraulic released. The travel motor, brake and planetary gears are well protected within the track frame.

Max. drawbar pull	kN (lb)	472 (106,110)
Max. travel speed (1st Gear/2nd Gear)	km/h (mi/h)	2.9/4.6 (1.8/2.9)
Gradeability	°	33

Undercarriage

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

Track pads		2 x 52
Link pitch	mm (in)	260.4 (10.25)
Shoe width, triple grouser	mm (in)	-
Shoe width, double grouser	mm (in)	650 / 750 / 900 (26 / 30 / 36)
Bottom rollers		2 x 9
Top rollers		2 x 3

* Retractable undercarriage

Service refill capacities

Fuel tank	l (gal)	800 (211.3)
AdBlue/DEF tank	l (gal)	80 (21.1)
Hydraulic system, total	l (gal)	655 (173.0)
Hydraulic tank	l (gal)	350 (92.5)
Engine oil	l (gal)	52 (13.7)
Engine coolant	l (gal)	66 (17.4)
Slew reduction unit	l (gal)	2 x 6.8 (2 x 1.8)
Travel reduction unit	l (gal)	2 x 13.5 (2 x 3.6)

Hydraulic system

The new electro-hydraulic system and new MCV (main control valve) use intelligent technology to control on-demand flow for high-productivity, high-digging capacity and excellent fuel consumption.

The following important functions are included in the system:

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

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

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

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

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

Power boost: All digging and lifting forces are increased.

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

Main pump, Type 2 x variable displacement axial piston pumps

Maximum flow	l/min (gal/min)	2 x 450 (2 x 119)
Pilot pump, Type Gear pump		
Maximum flow	l/min (gal/min)	34.5 (9.1)

Hydraulic motors

Travel: Variable displacement axial piston motor with mechanical brake

Slew: Fixed displacement axial piston motor with mechanical brake

Relief valve setting

Implement	Mpa (psi)	33.8/35.8 (4,902/5,192)
Travel circuit	Mpa (psi)	33.8 (4,902)
Slew circuit	Mpa (psi)	26.5 (3,843)
Pilot circuit	Mpa (psi)	3.9 (.566)

Base boom cylinder

Quantity		2
Bore	ø mm	230 (9.1)
Stroke	mm	1 697 (66.8)

Tilting Cab

The standard hydraulically tilting cabin tilts up to 30 degrees to enhance visibility and reduce operator fatigue and neck strain on high-reach jobs.

The operator's cab has easy access via a wide door opening.

The cab is supported on hydraulic dampening mounts to reduce shock and vibration levels. These along with sound absorbing lining provide low noise levels. The cab has excellent all-round visibility, especially upward, with a wide front glass and top wiper.

Integrated air-conditioning and heating system: The pressurized and filtered cab air is supplied by an automatically-controlled fan. The air is distributed throughout the cab from 14 vents.

Ergonomic operator's seat: The adjustable seat and joystick console move independently to accommodate the operator. The seat has 12 different adjustments plus a seat belt for the operator's comfort and safety.

Refrigerant of the type R134a is used when this machine is equipped with air conditioning. Contains fluorinated greenhouse gas R134a, Global Warming Potential 1,430 t CO₂-eq

Sound Level

Sound level in cab according to ISO 6396

LpA	dB(A)	72
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External sound level according to ISO 6395 and EU Noise Directive (2000/14/EC) and 474-1:2006 +A1:2009

LwA	dB(A)	108
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MACHINE WEIGHTS

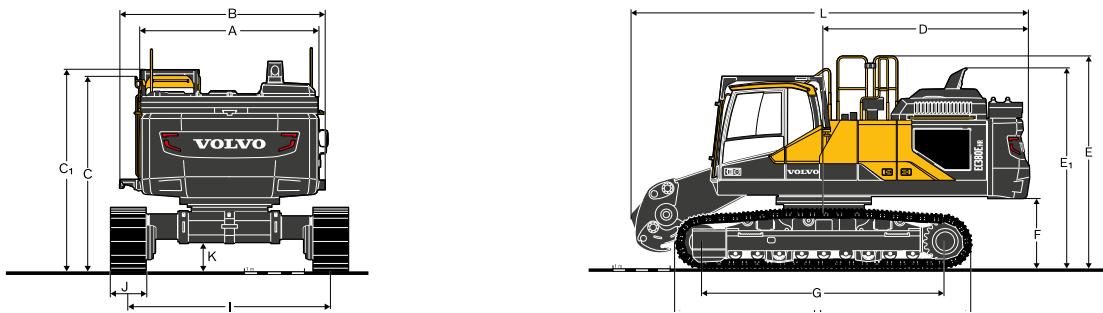
EC750EHR (Hydraulically removable counterweight)	750 mm (30") shoe			
	Hydr. retracted undercarriage			
At Demolition Equipment				
Base machine (with undercarriage)	kg	lb	79,342	174,919
Undercarriage (2)	kg	lb	39,248	86,527
3-piece demolition equipment (incl cradle)	kg	lb	19,500	42,990
Additional CWT	kg	lb	4,186	9,229
Total weight	kg	lb	103,028	227,138
At Digging Equipment				
Base machine (with undercarriage)	kg	lb	79,342	174,919
Undercarriage (2)	kg	lb	39,248	86,527
Digging equipment with 3.35m (11') arm (incl cradle)	kg	lb	10,880	23,986
Boom extension (incl cradle)	kg	lb	6,780	14,947
Total weight without boom extension	kg	lb	89,460	197,225
Additional CWT	kg	lb	4,186	9,229
Total weight with boom extension	kg	lb	101,188	223,081

GROUND PRESSURE

Description	Shoe width		Operating weight		Ground pressure		Overall width	
	mm	in	kg	lb	kPa	psi	mm	ft in
Demolition mode; hydraulically retractable undercarriage, with 13.88 m (45.5 ft) base boom + demo. boom, 2.6 m (8.5 ft) inter. arm, 7.41 m (24.3 ft) demolition arm, 5,000 kg (11,023 lb) crusher, 15,000 kg (33,069 lb) counterweight								
Double grouser	650	26	100,183	220,865	132.3	19.2	3,795 / 3,700*	12'5" / 12'2"**
	750	30	100,945	222,545	115.5	16.8	3,800	12'6"
	900	36	102,088	225,065	97.3	14.1	3,950	13'0"
Demolition mode; hydraulically retractable undercarriage, with 12.67 m (41.6 ft) base boom + EXT. boom + demo. boom, 4.2 m (13.8 ft) digging arm, 9,100 kg (20,062 lb) tool, 15,000 kg (33,069 lb) counterweight								
Double grouser	650	26	107,678	237,389	142.2	20.6	3,795 / 3,700*	12'5" / 12'2"**
	750	30	108,440	239,069	124.1	18.0	3,800	12'6"
	900	36	109,583	241,589	104.5	15.2	3,950	13'0"
Demolition mode; hydraulically retractable undercarriage, with 8.3 m (27.2 ft) base boom + digging boom, 4.2 m (13.8 ft) digging arm, 7,260 kg (16,006 lb) tool, 11,200 kg (24,692 lb) counterweight								
Double grouser	650	26	95,875	211,368	126.6	18.4	3,795 / 3,700*	12'5" / 12'2"**
	750	30	96,637	213,048	110.6	16.0	3,800	12'6"
	900	36	97,780	215,568	93.2	13.5	3,950	13'0"

* without welding block

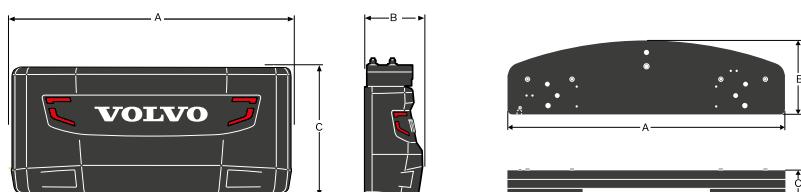
Specifications



DIMENSIONS

Description	Unit		EC750EHR	
			Undercarriage hydraulically retractable	
A Width superstructure	mm	ft in	3,420	11'3"
B Overall width with walk way (Only left side)	mm	ft in	-	-
Overall width with SIPS(both side) & Cab entrance step(Left side)	mm	ft in	3,904	12'10"
Overall width without SIPS(both side) & Cab entrance step(Left side)	mm	ft in	-	-
C Overall height	mm	ft in	3,484	11'5"
C1 Overall height (incl. FOG)	mm	ft in	3,562	11'8"
D Tail swing radius	mm	ft in	4,238	13'11"
E Overall height of Handrail	mm	ft in	3,941	12'11"
E Overall height of Diffuser	mm	ft in	3,790	12'5"
F Minimum Counterweight clearance *	mm	ft in	1,480	4'10"
G Tumbler length	mm	ft in	5,280	17'4"
H Track length	mm	ft in	6,518	21'5"
I Track gauge (extended)	mm	ft in	4,300	14'1"
Track gauge (retracted)	mm	ft in	3,050	10'0"
J Shoe width	mm	ft in	750	2'6"
K Min. ground clearance *	mm	ft in	563	1'10"
L Overall length	mm	ft in	8,728	28'8"

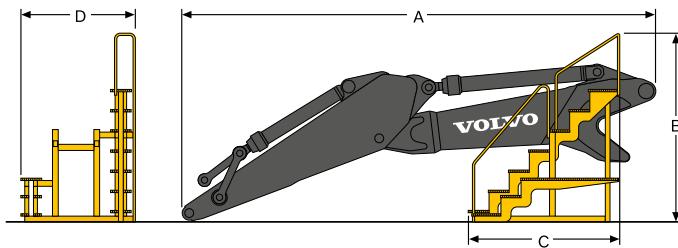
* With shoe grouser



DIMENSIONS OF THE COUNTERWEIGHT

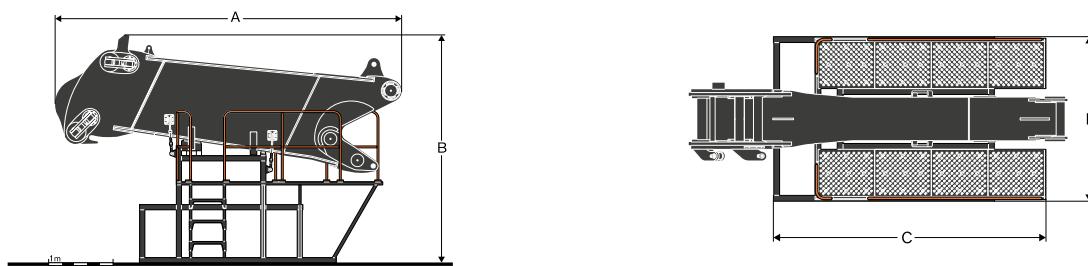
Description	Unit		EC750EHR			
			standard		additional cwt w/ hyd removable	
A Width counterweight	mm	ft in	3,406	11'2"	3,240	10'8"
B Thickness counterweight	mm	ft in	808	2'8"	658	2'2"
C Height counterweight	mm	ft in	1,747	5'9"	360	1'2"
Total weight counterweight	kg	lb	11,200	24,692	4,186	9,229

CAUTION: The machine can 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.



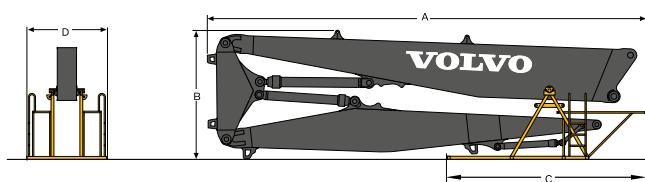
DIMENSIONS OF DIGGING EQUIPMENT

Description	Unit		EC750EHR	
			4.2 m (13'9")	
A Length - mounting to arm end	mm	ft in	8,190	26'10"
B Overall height	mm	ft in	2,945	9'8"
C Length of support cradle	mm	ft in	2,565	8'5"
D Width of support cradle	mm	ft in	2,080	6'10"
Weight of digging boom with transport cradle	kg	lb	11,075	24,416



DIMENSIONS OF DIGGING BOOM EXTENSION

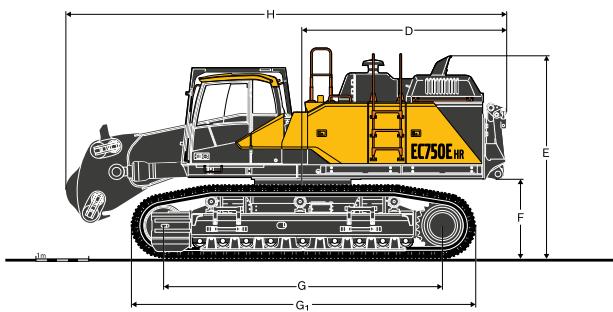
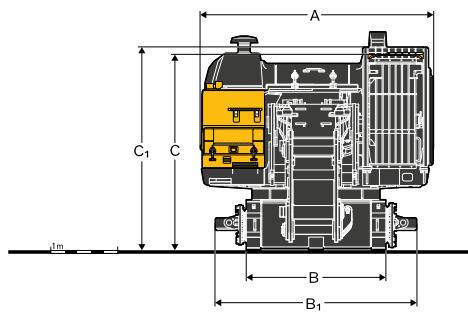
Description	Unit		EC750EHR	
			4.2 m (13'9")	
A Overall length	mm	ft in	5,383	17'8"
B Overall height	mm	ft in	3,584	11'9"
C Length of support cradle	mm	ft in	3,776	12'5"
D Width of support cradle	mm	ft in	2,280	7'6"
Weight, including support cradle	kg	lb	6,618	14,590



DIMENSIONS OF 3-PIECE DEMOLITION BOOM IN SUPPORT CRADLE

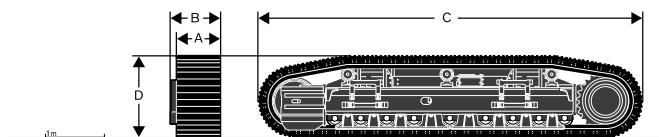
Description	Unit		EC750EHR			
			26m (85'4")		36m (118'1")	
A Overall length	mm	ft in	11,082	36'4"	17,306	56'9"
B Overall height	mm	ft in	3,569	11'9"	3,597	11'10"
C Length of support cradle	mm	ft in	8,510	27'11"	13,838	45'5"
D Width of support cradle	mm	ft in	2,416	7'11"	2,416	7'11"
Weight of working equipment without attachment, including support cradle	kg	lb	14,240	31,394	19,500	42,990

Specifications



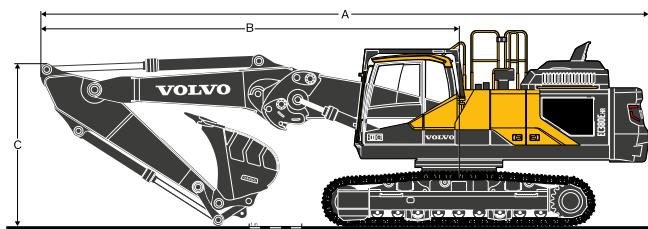
DIMENSION OF BASE MACHINE, TRANSPORTATION MODE

Description	Unit	EC750EHR		
		Hydraulically retractable Undercarriage		
A. Overall width with Handrail on FOG	mm	ft in	3,498	11'6"
B. Width lower frame center	mm	ft in	2,095	6'10"
B1. Overall width lower frame center	mm	ft in	3,044	9'12"
C. Overall height	mm	ft in	2,971	9'9"
C1. Overall height (incl. FOG)	mm	ft in	3,050	10'0"
D. Swing radius center to CWT linkage	mm	ft in	3,867	12'8"
E. Overall height of Diffuser	mm	ft in	3,277	10'9"
F. Minimum upper frame clearance	mm	ft in	921	3'0"
G. Length lower frame center	mm	ft in	2,859	9'5"
G. Overall length lower frame center	mm	ft in	3,781	12'5"
H. Overall length	mm	ft in	8,353	27'5"
Base machine weight	kg	lb	28,895	63,702



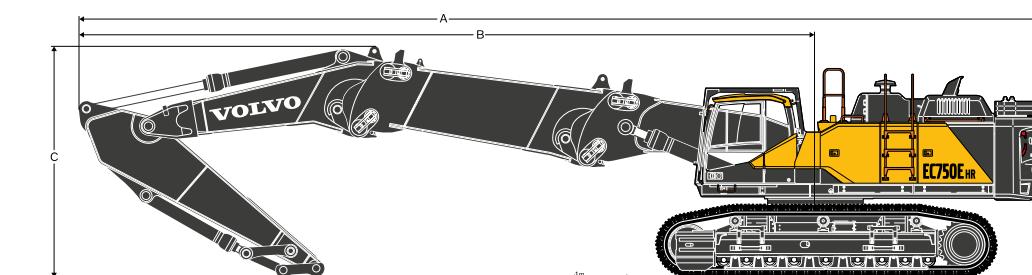
DIMENSION OF BASE MACHINE, TRACK FRAME

Description	Unit	EC750EHR		
		Hydraulically retractable Undercarriage		
A. Width track	mm	ft in	750	2'6"
B. Overall width track and frame	mm	ft in	855	2'10"
C. Length	mm	ft in	6,518	21'5"
D. Height	mm	ft in	1,406	4'7"
Total weight	kg	lb	19,624	43,263



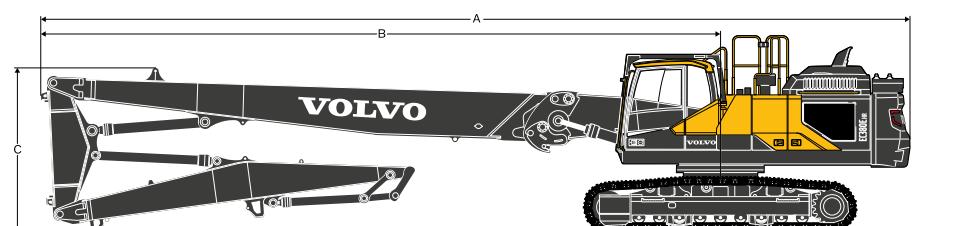
DIMENSIONS WITH DIGGING EQUIPMENT (POSITION FOR TRANSPORT)

		Unit		EC750EHR	
Boom				Straight boom 8.3 m (27'3")	
Arm				4.2 m (13'9")	
A	Overall length	mm	ft in	13,899	45'7"
B	Swing centre to front of equipment	mm	ft in	9,660	31'8"
C	Maximum height of boom in transport position	mm	ft in	4,243	13'11"
Operating weight, excluding bucket		kg	lb	89,377	197,042



DIMENSIONS WITH DIGGING BOOM EXTENSION

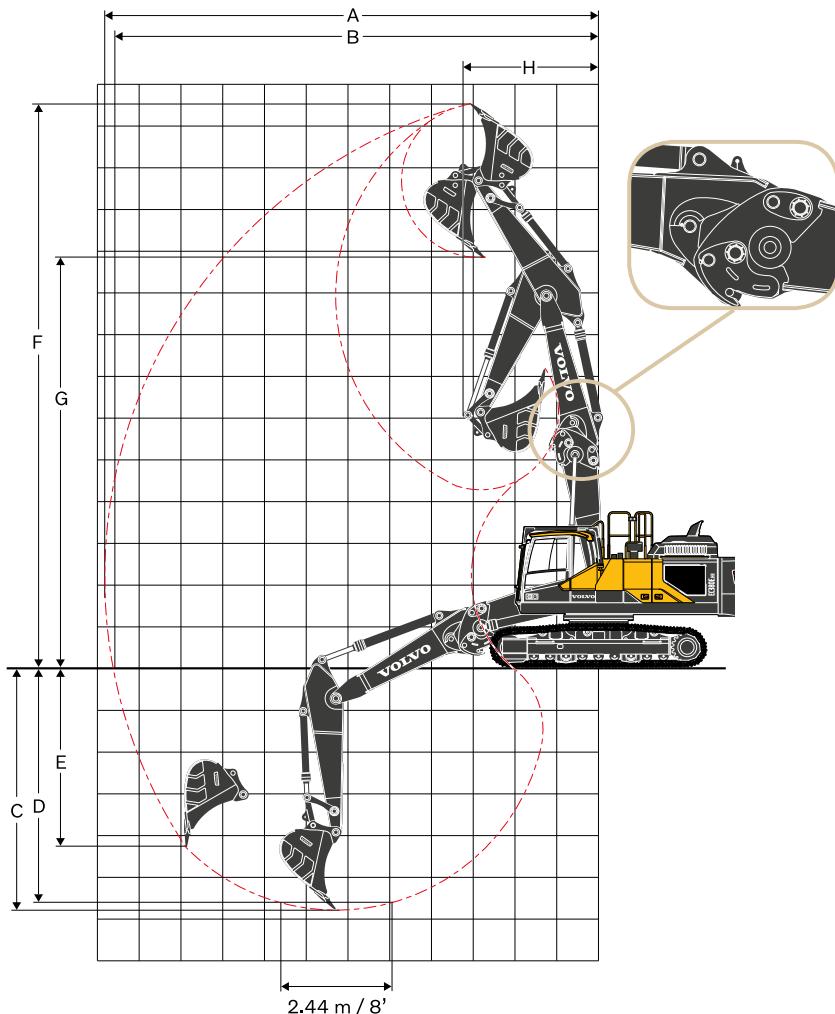
		Unit		EC750EHR	
Boom				Straight Boom 12.7m (41'8")	
Arm				4.2 m (13'9")	
A	Overall length	mm	ft in	18,311	60'1"
B	Swing centre to front of equipment	mm	ft in	14,072	46'2"
C	Maximum height of boom in transport position	mm	ft in	4,418	14'6"
Operating weight, excluding tool , cradle		kg	lb	99,340	219,007



DIMENSIONS WITH 3-PIECE DEMOLITION ATTACHMENT

		Unit		EC750EHR		
		26m (85'4")		36m (118'1")		
A	Overall length	mm	ft in	18,939	62'2"	25,156
B	Swing centre to front of equipment	mm	ft in	14,701	48'3"	20,918
C	Maximum height of boom in transport position	mm	ft in	3,621	11'11"	3,489
Operating weight, excluding crusher		kg	lb	95,945	211,522	100,429
						221,408

Specifications

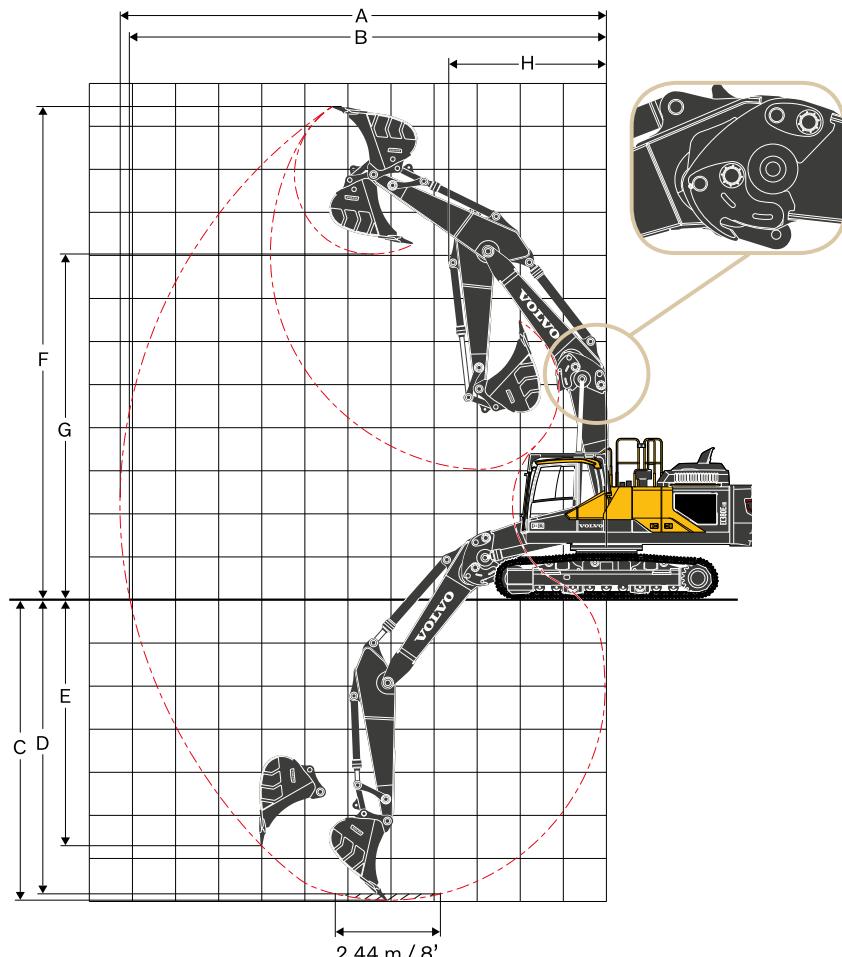


WORKING RANGES WITH STRAIGHT BOOM

Boom	EC750EHR			
	Straight boom 8.3 m (27'3")		4.2 m (13'9")	
Bucket tip radius	mm	ft in	2,190	7'2"
A Maximum digging reach	mm	ft in	14,567	47'10"
B Maximum digging reach on ground	mm	ft in	14,339	47'1"
C Maximum digging depth	mm	ft in	6,861	22'6"
D Maximum digging depth (2.4 m level)	mm	ft in	6,744	22'2"
E Maximum vertical wall digging depth	mm	ft in	4,684	15'4"
F Maximum cutting height	mm	ft in	15,810	51'10"
G Maximum dumping height	mm	ft in	11,465	37'7"
H Minimum front swing radius	mm	ft in	4,906	16'1"

DIGGING FORCES WITH STRAIGHT BOOM

Boom	EC750EHR			
	Straight boom 8.3 m (27'3")		4.2 m (13'9")	
Bucket tip radius	mm	ft in	2,190	7'2"
Breakout force-bucket (Normal/Power boost) ISO	kN	lbf	304/317	68,342/71,264
Tearout force-arm (Normal / Power boost) ISO	kN	lbf	255/266	57,326/59,799
Rotation angle, bucket	°		173.4	



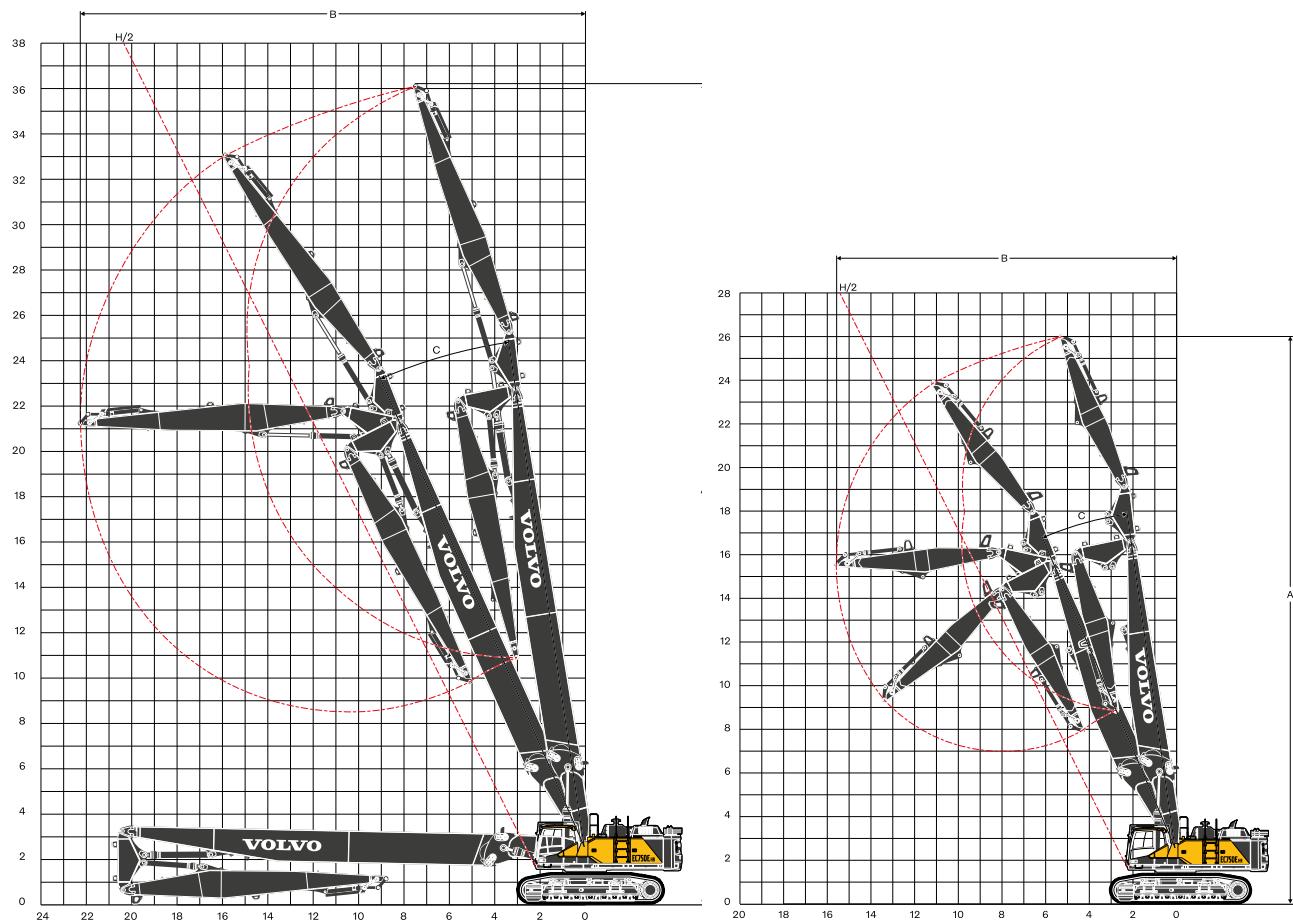
WORKING RANGES WITH BENT BOOM

EC750EHR			
Boom	Bent boom 7.7 m (25'3")		
Arm	4.2 m (13'9")		
Bucket tip radius	mm	ft in	2,190 7'2"
A Maximum digging reach	mm	ft in	13,697 44'11"
B Maximum digging reach on ground	mm	ft in	13,452 44'2"
C Maximum digging depth	mm	ft in	8,324 27'4"
D Maximum digging depth (2.4 m level)	mm	ft in	8,207 26'11"
E Maximum vertical wall digging depth	mm	ft in	7,257 23'10"
F Maximum cutting height	mm	ft in	12,520 41'1"
G Maximum dumping height	mm	ft in	8,558 28'1"
H Minimum front swing radius	mm	ft in	5,354 17'7"

DIGGING FORCES WITH BENT BOOM

EC750EHR			
Boom	Bent boom 7.7 m (25'3")		
Arm	4.2 m (13'9")		
Bucket tip radius	mm	ft in	2,190 7'2"
Breakout force-bucket (Normal/Power boost) ISO	kN	lbf	304/317 68,342/71,264
Tearout force-arm (Normal / Power boost) ISO	kN	lbf	255/266 57,326/59,799
Rotation angle. bucket	°		173.4

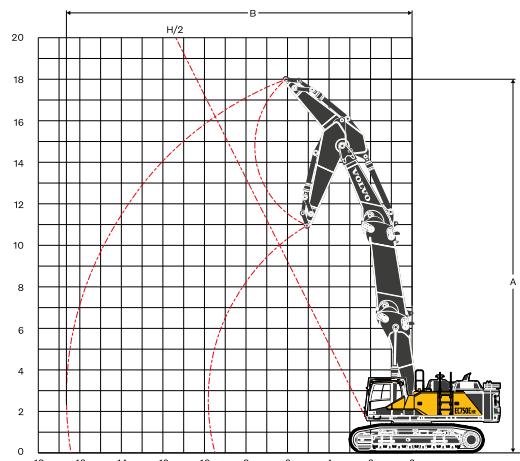
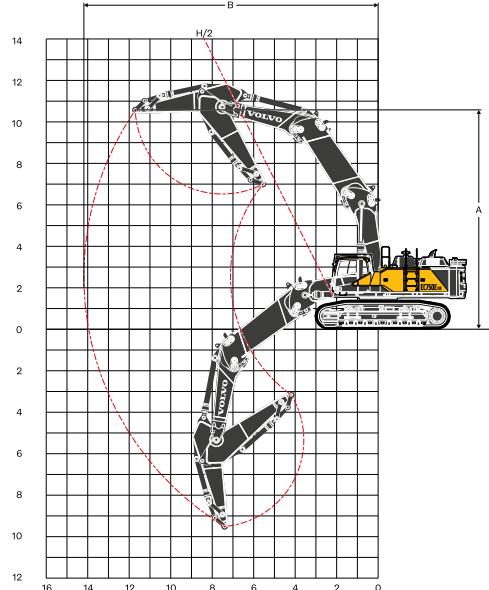
Specifications



WORKING RANGES AND MAX. TOOL WEIGHT (machines with 3-piece demolition boom)

Description	Unit	EC750EHR			
		26m (85'4")		36m (118'1")	
		Undercarriage hydraulically retractable		Undercarriage hydraulically retractable	
A Maximum pin height	mm ft in	26,000	85'4"	36,000	118'1"
Pin height H/2		22,600	74'2"	31,922 / 31,271*	104'9" / 102'7"
B Maximum pin reach	mm ft in	15,589	51'2"	22,273 / 20,626*	73'1" / 67'8"
Pin reach H/2		12,672	41'7"	17,348 / 17,023*	56'11" / 55'10"
Maximum tool weight	t lb	5	11,023	3.6	7,937
C Operating angle	°	23.5		23.5 / 18.5	

*Across



WORKING RANGES AND MAX. TOOL WEIGHT (machines with digging boom extension)

EC750EHR

Boom		Straight & Straight Boom 11.9 m (39'1")			Bent & Bent boom 11.0 m (36'1")	
Arm		4.2 m (13'9") arm			4.2 m (13'9") arm	
Description	Unit	Undercarriage, hydraulically retractable				
A Maximum pin height	mm ft in	15,083	49'6"	10,570	34'8"	
B Maximum pin reach	mm ft in	15,314	50'3"	14,198	46'7"	
Maximum tool weight	t lb	6.5	14,330	9.5	20,944	
C Maximum pin depth	mm ft in		NO	9,509	31'2"	

Specifications

LIFTING CAPACITY EC750EHR

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

	Lifting hook related to ground level	3.0 m, 10 ft		4.5 m, 15 ft		6.0 m, 20 ft		7.5 m, 25 ft		9.0 m, 30 ft		10.5 m, 35 ft		12.0 m, 40 ft		Max. reach		
		Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Max.								
Boom 7.7 m (25'3")	10.5 m kg															*11,030	*11,030	8.3 m
	35 ft lb															*24,317	*24,317	27.2 ft
	9 m kg															*10,330	*10,330	9.5 m
	30 ft lb															*22,774	*22,774	31.2 ft
	7.5 m kg															*10,030	*10,030	10.4 m
	25 ft lb															*22,112	*22,112	34.1 ft
	6 m kg															*10,000	*10,000	11.0 m
	20 ft lb															*22,046	*22,046	36.1 ft
	4.5 m kg															*10,180	*10,180	11.3 m
	15 ft lb															*22,443	*22,443	37.1 ft
	3 m kg															*10,600	*10,600	11.5 m
	10 ft lb															*23,369	*23,369	37.7 ft
	Shoe															*11,280	*11,280	11.5 m
	900 mm (36")															*24,868	*24,868	37.7 ft
	Hyd. Removal CWT															*12,320	*12,320	11.2 m
	12,816 kg (28,254 lb)															*27,161	*27,161	36.7 ft
	0 m kg															*13,900	*13,900	10.8 m
	0 ft lb															*30,644	*30,644	35.4 ft
	-1.5 m kg	*17,320	*17,320	*30,250	*30,250	*35,370	33,760	*28,190	23,750	*23,070	18,080	18,330	14,410			*16,470	15,300	10.1 m
	-5 ft lb	*38,184	*38,184	*66,690	*66,690	*77,977	74,428	*62,148	52,360	*50,861	39,860	40,411	31,769			*36,310	33,731	33.1 ft
	-3 m kg	*26,390	*26,390	*40,850	*40,850	*32,840	*32,840	*26,420	23,410	*21,360	17,870					*17,070	*17,070	9.1 m
	-10 ft lb	*58,180	*58,180	*90,059	*90,059	*72,400	*72,400	*58,246	51,610	*47,091	39,397					*37,633	*37,633	29.9 ft
	-4.5 m kg	*37,440	*37,440	*35,150	*35,150	*28,460	*28,460	*22,860	*22,860	*17,340	*17,340					*6 m kg		7.6 m
	-15 ft lb	*82,541	*82,541	*77,492	*77,492	*62,743	*62,743	*50,398	*50,398	*38,228	*38,228					*20 ft lb		24.9 ft
	-6 m kg															*13.5 m kg		5.7 m
	-20 ft lb															*35,340	*35,340	18.7 ft
	13.5 m kg															*12,820	*12,820	8.0 m
	45 ft lb															*10,590	*10,590	10.6 m
	12 m kg															*23,347	*23,347	34.8 ft
	40 ft lb															*7.5 m kg		11.3 m
	10.5 m kg															*22,443	*22,443	37.1 ft
	35 ft lb															*6 m kg		12.2 m
	9 m kg															*20 ft lb		40.0 ft
	30 ft lb															*1.5 m kg		12.4 m
	7.5 m kg															*5 ft lb		40.7 ft
	25 ft lb															*4.5 m kg		12.3 m
	6 m kg															*15 ft lb		11.9 m
	20 ft lb															*10 ft lb		39.0 ft
	4.5 m kg															*1.5 m kg		12.4 m
	15 ft lb															*0 m kg		40.7 ft
	3 m kg															*0 ft lb		39.7 ft
	10 ft lb															*-1.5 m kg		11.7 m
	1.5 m kg															*-5 ft lb		38.4 ft
	5 ft lb															*-3 m kg		11.0 m
	0 m kg															*-10 ft lb		36.1 ft
	0 ft lb															*-4.5 m kg		10.1 m
	-1.5 m kg	*17,550	*17,550	*29,750	*29,750	*24,810	22,240	*20,450	16,960	*16,460	13,590					*-15 ft lb		33.1 ft
	-5 ft lb	*38,691	*38,691	*65,587	*65,587	*54,697	49,031	*45,084	37,390	*36,288	29,961					*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 EC750EHR

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

	Lifting hook related to ground level	3.0 m, 10 ft		4.5 m, 15 ft		6.0 m, 20 ft		7.5 m, 25 ft		9.0 m, 30 ft		10.5 m, 35 ft		12.0 m, 40 ft		Max. reach			
		Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Max.									
Boom 7.7 m (25'3") Arm 4.2 m (13'9") Shoe 750 mm (30") Hyd. Removal CWT 12,816 kg (28,254 lb)	10.5 m kg															*11,030	*11,030	8.3 m	
	35 ft lb																*24,317	*24,317	27.2 ft
	9 m kg																*10,330	*10,330	9.5 m
	30 ft lb																*22,774	*22,774	31.2 ft
	7.5 m kg																*10,030	*10,030	10.4 m
	25 ft lb																*22,112	*22,112	34.1 ft
	6 m kg																*10,000	*10,000	11.0 m
	20 ft lb																*22,046	*22,046	36.1 ft
	4.5 m kg																*10,180	*10,180	11.3 m
	15 ft lb																*22,443	*22,443	37.1 ft
	3 m kg																*10,600	*10,600	11.5 m
	10 ft lb																*23,369	*23,369	37.7 ft
	1.5 m kg																*11,280	*11,280	11.5 m
	5 ft lb																*24,868	*24,868	37.7 ft
	0 m kg																*12,320	*12,320	11.2 m
	0 ft lb																*27,161	*27,161	36.7 ft
	-1.5 m kg	*17,320	*17,320	*30,250	*30,250	*35,370	33,230	*28,190	23,370	22,760	17,790	18,030	14,170				*13,900	13,680	10.8 m
	-5 ft lb	*38,184	*38,184	*66,690	*66,690	*77,977	73,260	*62,148	51,522	50,177	39,220	39,749	31,239				*30,644	30,159	35.4 ft
	-3 m kg	*26,390	*26,390	*40,850	*40,850	*32,840	*32,840	*26,420	23,040	*21,360	17,580						*16,470	15,050	10.1 m
	-10 ft lb	*58,180	*58,180	*90,059	*90,059	*72,400	*72,400	*58,246	50,794	*47,091	38,757						*36,310	33,180	33.1 ft
	-4.5 m kg	*37,440	*37,440	*35,150	*35,150	*28,460	*28,460	*22,860	*22,860	*17,340	*17,340						*17,070	*17,070	9.1 m
	-15 ft lb	*82,541	*82,541	*77,492	*77,492	*62,743	*62,743	*50,398	*50,398	*38,228	*38,228						*37,633	*37,633	29.9 ft
	-6 m kg							*21,180	*21,180	*15,700	*15,700								7.6 m
	-20 ft lb							*46,694	*46,694	*34,613	*34,613								24.9 ft
Boom 8.3 m (27'3") Arm 4.2 m (13'9") Shoe 750 mm (30") Hyd. Removal CWT 12,816 kg (28,254 lb)	13.5 m kg																*16,030	*16,030	5.7 m
	45 ft lb																*35,340	*35,340	18.7 ft
	12 m kg																*12,820	*12,820	8.0 m
	40 ft lb																*28,263	*28,263	26.2 ft
	10.5 m kg																*11,370	*11,370	9.5 m
	35 ft lb																*25,067	*25,067	31.2 ft
	9 m kg																*10,590	*10,590	10.6 m
	30 ft lb																*23,347	*23,347	34.8 ft
	7.5 m kg																*10,180	*10,180	11.3 m
	25 ft lb																*22,443	*22,443	37.1 ft
	6 m kg																*9,990	*9,990	11.9 m
	20 ft lb																*22,024	*22,024	39.0 ft
	4.5 m kg																*22,024	*22,024	12.2 m
	15 ft lb																*22,046	*22,046	40.0 ft
	3 m kg																*10,220	*10,220	12.4 m
	10 ft lb																*22,531	*22,531	40.7 ft
	1.5 m kg																*14,600	*10,610	12.3 m
	5 ft lb																*23,391	*23,391	40.4 ft
	0 m kg																*11,320	*11,240	11,190
	0 ft lb																*11,217		39.7 ft
	-1.5 m kg	*17,550	*17,550	*29,750	*29,750	*24,810	22,240	*20,450	16,960	*16,460	13,590						*12,190	11,810	11.7 m
	-5 ft lb	*38,691	*38,691	*65,587	*65,587	*54,697	49,031	*45,084	37,390	*36,288	29,961						*26,874	26,037	38.4 ft
	-3 m kg	*26,470	*26,470	*24,610	*24,610	*21,040	*21,040	*17,240	16,980	*12,910	*12,910						*10,420	*10,420	11.0 m
	-10 ft lb	*58,356	*58,356	*54,256	*54,256	*46,385	*46,385	*38,008	37,434	*28,462	*28,462						*22,972	*22,972	36.1 ft
	-4.5 m kg																		10.1 m
	-15 ft lb																		33.1 ft

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.

Specifications

LIFTING CAPACITY EC750EHR

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

	Lifting hook related to ground level	3.0 m, 10 ft		4.5 m, 15 ft		6.0 m, 20 ft		7.5 m, 25 ft		9.0 m, 30 ft		10.5 m, 35 ft		12.0 m, 40 ft		Max. reach		
		Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Across UC	Max.								
Boom 7.7 m (25'3")	10.5 m kg															*11,030	*11,030	8.3 m
	35 ft lb															*24,317	*24,317	27.2 ft
	9 m kg															*10,330	*10,330	9.5 m
	30 ft lb															*22,774	*22,774	31.2 ft
	7.5 m kg															*10,030	*10,030	10.4 m
	25 ft lb															*22,112	*22,112	34.1 ft
	6 m kg															*10,000	*10,000	11.0 m
	20 ft lb															*22,046	*22,046	36.1 ft
	4.5 m kg															*10,180	*10,180	11.3 m
	15 ft lb															*22,443	*22,443	37.1 ft
	3 m kg															*10,600	*10,600	11.5 m
	10 ft lb															*23,369	*23,369	37.7 ft
	Shoe															*11,280	*11,280	11.5 m
	650 mm (26")															*24,868	*24,868	37.7 ft
	Hyd. Removal CWT															*12,320	*12,320	11.2 m
	12,816 kg (28,254 lb)															*27,161	*27,161	36.7 ft
	0 m kg															*13,900	*13,530	10.8 m
	0 ft lb															*30,644	*29,829	35.4 ft
	-1.5 m kg	*17,320	*17,320	*30,250	*30,250	*35,370	32,880	*28,190	23,120	22,510	17,590	17,840	14,010			*16,470	*14,880	10.1 m
	-5 ft lb	*38,184	*38,184	*66,690	*66,690	*77,977	72,488	*62,148	50,971	49,626	38,779	39,330	30,887			*36,310	*32,805	33.1 ft
	-3 m kg	*26,390	*26,390	*40,850	*40,850	*32,840	32,580	*26,420	22,790	*21,360	17,380					*17,070	*17,070	9.1 m
	-10 ft lb	*58,180	*58,180	*90,059	*90,059	*72,400	71,827	*58,246	50,243	*47,091	38,316					*37,633	*37,633	29.9 ft
	-4.5 m kg	*37,440	*37,440	*35,150	*35,150	*28,460	*28,460	*22,860	*22,860	*17,340	*17,340					*6 m kg		7.6 m
	-15 ft lb	*82,541	*82,541	*77,492	*77,492	*62,743	*62,743	*50,398	*50,398	*38,228	*38,228					*20 ft lb		24.9 ft
	-20 ft lb																	
Boom 8.3 m (27'3")	13.5 m kg															*16,030	*16,030	5.7 m
	45 ft lb															*35,340	*35,340	18.7 ft
	12 m kg															*12,820	*12,820	8.0 m
	40 ft lb															*28,263	*28,263	26.2 ft
	10.5 m kg															*11,370	*11,370	9.5 m
	35 ft lb															*25,067	*25,067	31.2 ft
	9 m kg															*10,590	*10,590	10.6 m
	30 ft lb															*23,347	*23,347	34.8 ft
	7.5 m kg															*10,180	*10,180	11.3 m
	25 ft lb															*22,443	*22,443	37.1 ft
	6 m kg															*9,990	*9,990	11.9 m
	20 ft lb															*22,024	*22,024	39.0 ft
	4.5 m kg															*4.5 m kg		12.2 m
	15 ft lb															*4.5 m kg		40.0 ft
	3 m kg															*10 ft lb		12.4 m
	10 ft lb															*1.5 m kg		40.7 ft
	1.5 m kg															*5 ft lb		12.3 m
	5 ft lb															*0 m kg		40.4 ft
	0 m kg															*0 ft lb		12.1 m
	-1.5 m kg															*-1.5 m kg		11.7 m
	-5 ft lb															*-5 ft lb		38.4 ft
	-3 m kg															*-3 m kg		11.0 m
	-10 ft lb															*-10 ft lb		36.1 ft
	-4.5 m kg															*-4.5 m kg		10.1 m
	-15 ft lb																	33.1 ft

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 EC750EHR

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.

With Boom extension	Lifting hook related to ground level	Max. reach																		
		4.5 m, 15 ft	6.0 m, 20 ft	7.5 m, 25 ft	9.0 m, 30 ft	10.5 m, 35 ft	12.0 m, 40 ft	13.5 m, 45 ft	15.0 m, 50 ft	16.5 m, 55 ft	Along UC	Across UC								
Bent & Bent boom	10.5 m kg																			*9,980 *9,980 11.8 m
	35 ft lb																			*22,002 *22,002 38.7 ft
	9 m kg																			*10,090 *10,090 12.7 m
	30 ft lb																			*22,245 *22,245 41.7 ft
	7.5 m kg																			*10,360 *10,360 13.3 m
	25 ft lb																			*22,840 *22,840 43.6 ft
	6 m kg																			*10,800 *10,800 13.8 m
	20 ft lb																			*23,810 *23,810 45.3 ft
	11.0 m (36'1") 4.5 m kg																			*11,150 *10,860 14.1 m
	15 ft lb																			*24,582 23,942 46.3 ft
Arm	3 m kg																			*11,130 *10,260 14.2 m
	4.2 m 10 ft lb																			*24,934 22,619 46.6 ft
	1.5 m kg																			*11,530 9,910 14.2 m
	5 ft lb																			*25,419 21,848 46.6 ft
	Shoe 0 m kg																			*11,800 9,800 14.0 m
900 mm (36'")	0 ft lb																			*26,015 21,605 45.9 ft
	-1.5 m kg																			*12,130 9,940 13.6 m
	-5 ft lb																			*26,742 21,914 44.6 ft
	-3 m kg	*16,630 *16,630 23,840 *23,840 22,570 *22,570 18,940 17,520 *16,080 14,090 *13,840 11,690																		*12,490 10,390 13.1 m
	Removal -10 ft lb	*36,663 *36,663 52,558 *52,558 49,758 *49,758 41,756 38,625 *35,450 31,063 *30,512 25,772																		*27,536 22,906 43.0 ft
CWT	-4.5 m kg	*24,320 *24,320 25,330 *25,330 21,550 *21,550 18,250 17,520 *15,550 14,030 *13,300 11,660																		*12,870 11,280 12.3 m
	16,526 kg (36,434 lb)	-15 ft lb *53,616 *53,616 55,843 *55,843 47,510 *47,510 40,234 38,625 *34,282 30,931 *29,321 25,706																		*28,837 24,868 40.4 ft
	-6 m kg	*26,900 *26,900 23,450 *23,450 20,050 *20,050 17,080 *17,080 14,520 14,220																		*13,240 12,870 11.3 m
	-20 ft lb	*59,304 *59,304 51,698 *51,698 44,203 *44,203 37,655 *37,655 32,011 31,350																		*29,189 28,373 37.1 ft
	-7.5 m kg	*23,730 *23,730 20,730 *20,730 17,840 *17,840 15,170																		*13,480 *13,480 10.0 m
Hyd.	-25 ft lb	*52,316 *52,316 45,702 *45,702 39,330 *39,330 33,444 *33,444																		*29,718 *29,718 32.8 ft
	-9 m kg	*16,740 *16,740 14,390 *14,390 14,390																		*13,250 *13,250 8.2 m
	-30 ft lb	*36,905 *36,905 31,724 *31,724																		*29,211 *29,211 26.9 ft
	13.5 m kg																			*10,790 *10,790 11.5 m
	45 ft lb																			*23,788 *23,788 37.7 ft
Bent & Straight boom	12 m kg																			*10,320 *10,320 12.7 m
	40 ft lb																			*22,752 *22,752 41.7 ft
	10.5 m kg																			*10,070 *10,070 13.7 m
	35 ft lb																			*22,201 *22,201 44.9 ft
	9 m kg	*15,670 *15,670 13,670 *13,670 11,160																		*9,980 *9,980 14.5 m
12.1 m (39'8")	30 ft lb	*34,546 *34,546 30,137 *30,137 26,963 *26,963 24,604 *24,604																		*22,002 *22,002 47.6 ft
	7.5 m kg	*20,190 *20,190 16,570 *16,570 14,210 *14,210 12,550 *12,550 11,330 *11,330 10,420 9,530																		*10,020 9,430 15.1 m
	25 ft lb	*44,511 *44,511 36,531 *36,531 31,328 *31,328 27,668 *27,668 24,978 *24,978 22,972 21,010																		*22,090 20,790 49.5 ft
	6 m kg	*17,510 *17,510 14,800 *14,800 12,920 *12,920 11,530 *11,530 10,480 9,290																		*10,170 8,670 15.5 m
	Arm 4.5 m kg	*38,603 *38,603 32,632 *32,632 32,628 *32,628 28,484 *28,484 25,419 25,022 *23,104 20,481																		*22,421 19,114 50.9 ft
(4'3'9")	4.2 m 15 ft lb	*40,389 *40,389 33,797 *33,797 29,233 *29,233 28,748 *28,748 25,882 23,281 19,775																		*22,178 17,946 51.5 ft
	3 m kg	*18,770 *18,770 15,700 *15,700 13,520 *13,520 12,310 *12,310 11,890 10,300 *10,610 8,640																		*9,960 *7,790 15.9 m
	10 ft lb	*41,381 *39,551 34,613 *34,613 32,650 *32,650 29,806 27,139 *26,213 22,708 *23,391 19,048																		*21,958 *17,174 52.2 ft
	1.5 m kg	*18,790 *18,790 17,040 *17,040 15,860 *15,860 13,650 *13,650 11,950 *11,950 9,850 *10,580 8,340																		*9,870 *7,610 15.8 m
	5 ft lb	*41,425 *37,567 34,965 *34,965 30,887 *30,887 25,794 *25,794 26,345 21,716 *23,325 18,387																		*21,760 16,777 51.8 ft
Hyd.	0 ft lb	*18,440 *18,440 15,760 *15,760 13,940 *13,940 11,250 *11,250 11,880 *10,910 8,920 *10,420 8,120																		*10,970 *7,600 15.7 m
	-1.5 m kg	*40,635 *36,553 34,745 *34,745 29,740 *29,740 28,983 *28,983 24,802 *24,802 20,966 *22,972 17,902																		*21,583 16,755 51.5 ft
	Removal -1.5 m kg	*17,780 *17,780 16,400 *15,380 13,200 *13,200 13,330 *10,970 11,160 *10,050 8,000																		*9,680 *7,760 15.3 m
	-5 ft lb	*39,198 *36,156 33,907 *33,907 29,101 *29,101 24,815 *24,815 25,596 20,503 *22,156 17,637																		*21,341 17,088 50.2 ft
	16,526 kg (36,434 lb)	*18,650 *18,650 16,860 *16,860 16,430 *16,430 13,750 *13,750 13,200 *11,940 10,920 *10,180 9,320																		*9,250 *8,770 14.2 m
Straight & Bent boom	-15 ft lb	*37,765 *37,765 37,986 *37,986 34,436 *34,436 30,314 *30,314 29,101 *26,323 24,074 *22,443 20,547																		*20,393 19,335 46.6 ft
	-6 m kg	*15,610 *15,610 15,340 *15,340 13,990 *13,990 12,350 *12,350 10,610 *10,610 10,610																		*8,790 *8,790 13.3 m
	-20 ft lb	*34,414 *34,414 33,819 *33,819 31,819 *31,819 30,843 *30,843 27,227 *27,227 23,391 *23,391																		*19,379 *19,379 43.6 ft
	-7.5 m kg	*12,850 *12,850 11,790 *11,790 10,320 *10,320 8,400 *8,400 8,400 *8,400																		*8,000 *8,000 12.2 m
	-25 ft lb	*28,329 *28,329 25,999 *25,999 22,752 *22,752 18,519 *18,519 18,519																		*17,637 *17,637 40.0 ft
Straight & Bent boom	15 m kg																			*11,140 *11,140 8.9 m
	50 ft lb																			*24,559 *24,559 29.2 ft
	13.5 m kg																			*10,440 *10,440 10.7 m
	45 ft lb																			*23,016 *23,016 35.1 ft
	12 m kg																			*10,100 *10,100 12.0 m
Straight & Bent boom	10.5 m kg																			*22,267 *22,267 39.4 ft
	35 ft lb																			*9,980 *9,980 13.1 m
	9 m kg	*27,850 *27,850 22,230 *22,230 18,600 *18,600 16,040 *16,040 16,040 *14,110 14,110 *12,600 12,220																		*10,020 *10,020 13.9 m
	30 ft lb	*61,399 *61,399 49,009 *49,009 41,006 *41,006 35,362 *35,362 31,107 *31,107 27,778 *27,073																		*22,090 *22,090 45.6 ft
	7.5 m kg	*23,240 *23,240 19,140 *19,140 16,330 *16,330 14,250 *14,250 12,620 *12,620 11,910																		*10,200 *10,200 14.5 m
Arm	25 ft lb	*5																		

Specifications

LIFTING CAPACITY EC750EHR

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.

With Boom extension	Lifting hook related to ground level	Max. reach																		
		4.5 m, 15 ft	6.0 m, 20 ft	7.5 m, 25 ft	9.0 m, 30 ft	10.5 m, 35 ft	12.0 m, 40 ft	13.5 m, 45 ft	15.0 m, 50 ft	16.5 m, 55 ft	Along UC	Across UC	Along UC							
	18 m kg																		*16,660 *16,660 6.1m	
	60 ft lb																		*36,729 *36,729 20.0ft	
	16.5 m kg				*16,850 *16,850 *13,590 *13,590														*13,390 *13,390 9.0m	
	55 ft lb				*37,148 *37,148 *29,961 *29,961														*29,520 *29,520 29.5ft	
	15 m kg					*16,190 *16,190 *14,320 *14,320													*11,900 *11,900 11.0m	
	50 ft lb					*35,693 *35,693 *31,570 *31,570													*26,235 *26,235 36.1ft	
	13.5 m kg				*15,550 *15,550 *16,160 *16,060 *16,060 *13,820 *13,820													*11,040 *11,040 12.5m		
	45 ft lb				*34,282 *34,282 *35,607 *35,627 *35,406 *35,406 *30,468 *30,468													*24,339 *24,339 41.0ft		
Straight & Straight boom	12 m kg				*16,110 *16,110 *16,750 *16,750 *16,660 *16,660 *14,590 *14,590 *12,020 11,820													*10,520 *10,520 13.7m		
	40 ft lb				*35,516 *35,516 *36,927 *36,927 *36,729 *36,729 *32,165 *32,165 *26,500 26,059													*23,193 *23,193 44.9ft		
	10.5 m kg				*21,980 *21,980 *20,160 *20,160 *19,360 *19,360 *16,750 *16,750 *14,600 *14,600 11,800													*10,200 9,800 14.6m		
12.7 m (41'8")	35 ft lb				*48,458 *48,458 *44,445 *44,445 *42,681 *42,681 *36,927 *36,927 *32,187 *32,187 *28,329 26,015														*22,487 21,605 47.9ft	
Arm	9 m kg				*24,070 *24,070 *19,850 *19,850 *16,870 *16,870 *14,610 *14,610 14,290 *12,810 11,490 *11,220 9,190														*10,040 8,680 15.3m	
4.2 m (13'9")	30 ft lb				*53,065 *53,065 *43,762 *43,762 *37,192 *37,192 *32,209 31,504 *28,241 25,331 *24,736 20,260														*22,134 19,136 50.2ft	
Hyd. Removal	7.5 m kg				*20,030 *20,030 *20,030 *16,920 16,800 *14,590 13,540 *12,730 11,030 *11,120 8,990														*9,980 7,880 15.9m	
CWT	25 ft lb				*44,159 *44,159 *37,302 37,038 *32,165 29,851 *28,065 24,317 *24,515 19,820														*22,002 17,372 52.2ft	
Shoe	6 m kg				*16,820 *15,550 *14,460 12,730 10,500 *10,940 8,690													*9,490 7,310 16.3m		
900 mm (36'6")	20 ft lb				*37,082 34,282 *31,879 28,065 *27,712 23,149 *24,119 19,158													*20,922 16,116 53.5ft		
Hyd. Removal	4.5 m kg				*16,460 14,410 *14,180 11,960 *12,300 9,980 *10,660 8,350 *8,910 6,960 *8,870 6,930 16.5m															
CWT	15 ft lb				*36,288 31,769 *31,262 26,367 *27,717 22,002 *23,501 18,409 *19,643 15,344 *19,555 15,278 54.1ft															
16,526 kg (36,434 lb)	9 m kg				*15,760 13,500 *13,680 11,290 *11,870 9,510 *10,230 8,040 *8,460 6,800 *8,240 6,700 16.6m															
	1.5 m kg				*14,710 12,890 *12,930 10,790 *11,240 9,130 *9,630 7,780 *7,760 6,680 *7,570 6,610 16.6m															
	5 ft lb				*32,430 28,418 *28,506 23,768 *24,780 20,128 *21,230 17,152 *17,108 14,727 *16,689 14,573 14.5ft															
	0 m kg				*13,330 12,560 *11,900 10,460 *10,360 8,870 *8,790 7,610													*6,810 6,660 16.4m		
	0 ft lb				*29,388 27,690 *26,233 23,060 *22,840 19,555 *19,379 16,777													*15,013 14,683 53.8ft		
	-1.5 m kg				*11,710 *11,710 *11,670 *11,670 *10,580 10,310 *9,210 8,740 *7,650 7,540													*5,930 *5,930 16.1m		
	-5 ft lb				*25,816 *25,816 *25,728 *25,728 *23,325 22,730 *20,305 19,268 *16,865 16,623														*13,073 *13,073 52.8ft	
	-3 m kg				*9,460 *9,460 *9,710 *9,710 *8,930 *8,930 *7,710 *7,710 *6,070 *6,070													*4,870 *4,870 15.7m		
	-10 ft lb				*20,856 *20,856 *21,407 *21,407 *19,687 *19,687 *16,998 *16,998 *13,382 *13,382													*10,736 *10,736 51.5ft		
	-4.5 m kg				*7,420 *7,420 *6,900 *6,900 *5,770 *5,770 *3,670 *3,670													*3,530 *3,530 15.1m		
	-15 ft lb				*16,358 *16,358 *15,212 *15,212 *12,721 *12,721 *8,091 *8,091													*7,782 *7,782 49.5ft		
Bent & Bent boom	10.5 m kg																		*9,980 *9,980 11.8m	
	35 ft lb																		*22,002 *22,002 38.7ft	
	9 m kg																		*10,090 *10,090 12.7m	
	30 ft lb																		*22,245 *22,245 41.7ft	
	7.5 m kg																		*10,360 *10,360 13.3m	
	25 ft lb																		*22,840 *22,840 43.6ft	
Bent & Bent boom	6 m kg				*19,300 *19,300 *15,830 *15,830 *13,660 *13,660 *12,200 *12,200 *11,190													*10,800 *10,800 13.8m		
	20 ft lb				*42,549 *42,549 *34,899 *34,899 *30,115 *30,115 *26,896 *26,896 *24,670													*23,810 *23,810 45.3ft		
	4.5 m kg				*21,300 *21,300 *17,030 *17,030 *14,440 *14,440 *12,710 *12,710 *11,500													*11,150 10,700 14.1m		
11.0 m (36'1")	15 ft lb				*46,958 *46,958 *37,545 *37,545 *31,835 *31,835 *28,021 *28,021 *25,353 *25,353													*24,582 23,589 46.3ft		
Arm	3 m kg				*22,800 *22,800 *18,080 *18,080 *15,170 *15,170 *13,200 *13,200 *11,810 11,050													*11,310 10,100 14.2m		
4.2 m (13'9")	10 ft lb				*50,265 *50,265 *39,860 *39,860 *33,444 *33,444 *29,101 *29,101 *26,037 24,361													*24,934 22,267 46.6ft		
Shoe	1.5 m kg				*22,790 *22,790 *18,820 *18,820 *15,750 *15,750 *13,620 *13,620 *12,690 *12,690 *12,080 10,560														*11,530 9,740 14.2m	
750 mm (30'')	5 ft lb				*50,243 *50,243 *41,491 *41,491 *34,723 33,885 *30,027 27,977 *26,632 23,281													*25,419 21,473 46.6ft		
Hyd. Removal	0 m kg				*23,540 *23,000 *19,210 18,000 *16,120 14,630 *13,900 12,130 *12,240 10,160													*11,800 9,630 14.0m		
	0 ft lb				*51,897 50,706 *42,351 39,683 *35,538 32,254 *30,644 26,742 *26,985 22,399													*26,015 21,230 45.9ft		
	-1.5 m kg				*15,930 *15,930 *23,210 22,690 *19,250 *17,470 *16,250 *14,130 *14,000 11,720 *12,240 9,870													*12,130 9,760 13.6m		
	-5 ft lb				*35,120 *35,120 *51,693 50,023 *42,439 38,515 *35,825 31,151 *30,865 25,838 *26,985 21,760														*26,742 21,517 44.6ft	
	-3 m kg				*16,630 *16,630 *23,840 *23,840 *22,570 *18,940 *16,080 13,850 *13,840 11,490													*12,490 10,210 13.1m		
	-10 ft lb				*36,663 *36,663 *52,558 *52,558 *49,758 *49,758 *41,756 37,986 *35,450 30,534 *30,512 25,331													*27,536 22,509 43.0ft		
16,526 kg (36,434 lb)	-4.5 m kg				*24,320 *24,320 *25,330 *25,330 *21,550 *21,550 *18,250 17,230 *15,550 13,800 *13,300 11,460													*12,870 11,080 12.3m		
	-15 ft lb				*53,616 *53,616 *55,843 *55,843 *47,510 *47,510 *40,234 37,986 *34,282 30,424 *29,321 25,265													*28,373 24,427 40.4ft		
	-6 m kg				*26,900 *26,900 *23,450 *23,450 *20,050 *20,050 *17,080 *17,080 *14,520 13,980													*13,240 12,650 11.3m		
	-20 ft lb				*59,304 *59,304 *51,698 *51,698 *44,203 *44,203 *37,655 *37,655 *32,011 30,821													*29,189 27,888 37.1ft		
	-7.5 m kg				*23,730 *23,730 *20,730 *20,730 *17,840 *17,840 *15,170 *15,170													*13,480 *13,480 10.0m		
	-25 ft lb				*52,316 *52,316 *45,702 *45,702 *39,330 *39,330 *33,444 *33,444													*29,718 *29,718 32.8ft		
	-9 m kg				*16,740 *16,740 *14,390 *14,390													*13,250 *13,250 8.2m		
	-30 ft lb				*36,905 *36,905 *31,724 *31,724													*29,211 *29,211 26.9ft		

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 EC750EHR

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.

With Boom extension	Lifting hook related to ground level	Max. reach																
		4.5 m, 15 ft	6.0 m, 20 ft	7.5 m, 25 ft	9.0 m, 30 ft	10.5 m, 35 ft	12.0 m, 40 ft	13.5 m, 45 ft	15.0 m, 50 ft	16.5 m, 55 ft	Along UC	Across UC						
	13.5 m kg																	*10,790 *10,790 11.5 m
	45 ft lb																	*23,788 *23,788 37 ft
	12 m kg																	*10,320 *10,320 12.7 m
	40 ft lb																	*22,752 *22,752 41.7 ft
	10.5 m kg																	*10,070 *10,070 13.7 m
	35 ft lb																	*22,201 *22,201 44.9 ft
	9 m kg																	*9,980 *9,980 14.5 m
Bent & Straight boom	30 ft lb																	*22,002 *22,002 47.6 ft
12.1 m (39'8")	7.5 m kg																	*10,020 9,430 15.1 m
Arm	25 ft lb																	*22,090 20,790 49.5 ft
4.2 m (13'9")	6 m kg																	*10,170 8,670 15.5 m
Shoe	20 ft lb																	*22,421 19,114 50.9 ft
Hyd. Removal	4.5 m kg																	*10,060 8,140 15.7 m
CWT	4.2 m (13'9")																	*22,178 17,946 51.5 ft
16,526 kg (36,434 lb)	3 m kg																	*9,960 7,790 15.9 m
	10 ft lb																	*21,583 16,755 51.5 ft
	-1.5 m kg																	*9,680 7,760 15.3 m
	-5 ft lb																	*21,341 17,108 50.2 ft
	-3 m kg																	*9,510 8,130 14.8 m
	-10 ft lb																	*20,966 17,924 48.6 ft
	-4.5 m kg																	*9,250 8,770 14.2 m
	-15 ft lb																	*20,393 19,335 46.6 ft
	-6 m kg																	*8,790 *8,790 13.3 m
	-20 ft lb																	*19,379 *19,379 43.6 ft
	-7.5 m kg																	*8,000 *8,000 12.2 m
	-25 ft lb																	*17,637 *17,637 40.0 ft
Straight & Bent boom	15 m kg																	*11,140 *11,140 8.9 m
11.9 m (39'1")	50 ft lb																	*24,559 *24,559 29.2 ft
Arm	13.5 m kg																	*10,440 *10,440 10.7 m
4.2 m (13'9")	45 ft lb																	*23,016 *23,016 35.1 ft
Shoe	12 m kg																	*10,100 *10,100 12.0 m
Hyd. Removal	40 ft lb																	*22,267 *22,267 39.4 ft
CWT	10.5 m kg																	*9,980 *9,980 13.1 m
16,526 kg (36,434 lb)	35 ft lb																	*22,002 *22,002 43.0 ft
	9 m kg																	*10,020 *10,020 13.9 m
	30 ft lb																	*22,090 *22,090 45.6 ft
	7.5 m kg																	*10,200 10,120 14.5 m
	25 ft lb																	*22,487 22,311 47.6 ft
	6 m kg																	*10,500 9,230 14.9 m
	20 ft lb																	*23,149 20,349 48.9 ft
	4.5 m kg																	*10,830 8,600 15.2 m
	15 ft lb																	*23,876 18,960 49.9 ft
	3 m kg																	*10,470 8,180 15.3 m
	10 ft lb																	*23,082 18,034 50.2 ft
	1.5 m kg																	*10,100 7,960 15.3 m
	5 ft lb																	*22,267 17,549 50.2 ft
	0 m kg																	*9,700 7,920 15.1 m
	0 ft lb																	*21,385 17,461 49.5 ft
	-1.5 m kg																	*9,220 8,070 14.8 m
	-5 ft lb																	*20,327 17,791 48.6 ft
	-3 m kg																	*8,610 8,460 14.3 m
	-10 ft lb																	*18,982 18,651 46.9 ft
	-4.5 m kg																	*7,770 *7,770 13.6 m
	-15 ft lb																	*17,130 *17,130 44.6 ft
	-6 m kg																	*6,550 *6,550 12.7 m
	-20 ft lb																	*14,440 *14,440 41.7 ft

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.

Specifications

LIFTING CAPACITY EC750EHR

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.

With Boom extension	Lifting hook related to ground level	Max. reach																	
		4.5 m, 15 ft	6.0 m, 20 ft	7.5 m, 25 ft	9.0 m, 30 ft	10.5 m, 35 ft	12.0 m, 40 ft	13.5 m, 45 ft	15.0 m, 50 ft	16.5 m, 55 ft	Along UC	Across UC	Along UC						
	18 m kg																		*16,660 *16,660 6.1m
	60 ft lb																		*36,729 *36,729 20.0ft
	16.5 m kg				*16,850 *16,850 *13,590 *13,590														*13,390 *13,390 9.0m
	55 ft lb				*37,148 *37,148 *29,961 *29,961														*29,520 *29,520 29.5ft
	15 m kg					*16,190 *16,190 *14,320 *14,320													*11,900 *11,900 11.0m
	50 ft lb					*35,693 *35,693 *31,570 *31,570													*26,235 *26,235 36.1ft
	13.5 m kg				*15,550 *15,550 *16,160 *16,060 *16,060 *13,820 *13,820													*11,040 *11,040 12.5m	
	45 ft lb				*34,282 *34,282 *35,607 *35,627 *35,406 *35,406 *30,468 *30,468													*24,339 *24,339 41.0ft	
Straight & Straight boom	12 m kg				*16,110 *16,110 *16,750 *16,750 *16,660 *16,660 *14,590 *14,590 *12,020 11,820													*10,520 *10,520 13.7m	
	40 ft lb				*35,516 *35,516 *36,927 *36,927 *36,729 *36,729 *32,165 *32,165 *26,500 26,059													*23,193 *23,193 44.9ft	
	10.5 m kg				*21,980 *21,980 *20,160 *20,160 *19,360 *19,360 *16,750 *16,750 *14,600 *14,600 11,800													*10,200 9,800 14.6m	
12.7 m (41'8")	35 ft lb				*48,458 *48,458 *44,445 *44,445 *42,681 *42,681 *36,927 *36,927 *32,187 *32,187 28,329 26,015														*22,487 21,605 47.9ft
Arm	30 ft lb				*24,070 *24,070 *19,850 *19,850 *16,870 *16,870 *14,610 *14,610 *12,810 11,490 *11,220 9,190														*10,040 8,680 15.3m
4.2 m (13'9")	7.5 m kg				*20,030 *20,030 *16,920 16,800 *14,590 13,540 *12,730 11,030 *11,120 8,990													*9,980 7,880 15.9m	
Shoe	6 m kg				*44,159 *44,159 *37,302 37,038 *32,165 29,851 *28,065 24,317 *24,515 19,820													*22,002 17,372 52.2ft	
750 mm (30")	20 ft lb				*16,820 *15,550 *14,460 12,730 10,500 *10,940 8,690													*9,490 7,310 16.3m	
Hyd. Removal CWT	4.5 m kg				*37,082 34,282 *31,879 28,065 *27,712 23,149 *24,119 19,158													*20,922 16,116 53.5ft	
16,526 kg (36,434 lb)	0 m kg				*16,460 14,410 *14,180 11,960 *12,300 9,980 *10,660 8,350 *8,910 6,960 *8,870 6,930 16.5m														*32,430 28,418 *28,506 23,788 *24,780 20,128 *21,230 17,152 *17,108 14,727 *16,689 14,573 54.5ft
	0 ft lb				*13,330 12,560 *11,900 10,460 *10,360 8,870 *8,790 7,610													*6,810 6,660 16.4m	
	-1.5 m kg				*29,388 27,690 *26,233 23,060 *22,840 19,555 *19,379 16,777													*15,013 14,683 53.8ft	
	-5 ft lb				*36,288 31,769 *31,262 26,367 *27,117 22,002 *23,501 18,409 *19,643 15,344 *19,555 15,278 54.1ft														
	-3 m kg				*15,760 13,500 *13,680 11,290 *11,870 9,510 *10,230 8,040 *8,460 6,800 *8,240 6,700 16.6m														
	-10 ft lb				*34,745 29,762 *30,159 24,890 *26,169 20,966 *22,553 17,725 *18,651 14,991 *18,166 14,771 54.5ft														
	-4.5 m kg				*14,710 12,890 *12,930 10,790 *11,240 9,130 *9,630 7,780 *7,760 6,680 *7,570 6,610 16.6m														
	-15 ft lb				*32,430 28,418 *28,506 23,788 *24,780 20,128 *21,230 17,152 *17,108 14,727 *16,689 14,573 54.5ft														
Bent & Bent boom	10.5 m kg																		*9,980 *9,980 11.8m
	35 ft lb																		*22,002 *22,002 38.7ft
	9 m kg																		*10,090 *10,090 12.7m
	30 ft lb																		*22,245 *22,245 41.7ft
	7.5 m kg																		*10,360 *10,360 13.3m
	25 ft lb																		*22,840 *22,840 43.6ft
	6 m kg																		*10,800 *10,800 13.8m
	20 ft lb																		*23,810 *23,810 45.3ft
	4.5 m kg																		*11,150 10,580 14.1m
11.0 m (36'1")	15 ft lb																		*24,582 23,325 46.3ft
Arm	3 m kg																		*11,310 9,990 14.2m
4.2 m (13'9")	10 ft lb																		*24,934 22,024 46.6ft
Shoe	1.5 m kg																		*11,530 9,630 14.2m
650 mm (26")	5 ft lb																		*25,419 21,230 46.6ft
	0 m kg																		*11,800 9,520 14.0m
	0 ft lb																		*26,015 20,988 45.9ft
	-1.5 m kg																		*12,130 9,650 13.6m
	-5 ft lb																		*26,742 21,275 44.6ft
	-3 m kg																		*12,490 10,090 13.1m
	-10 ft lb																		*27,536 22,245 43.0ft
	-4.5 m kg																		*12,870 10,950 12.3m
	-15 ft lb																		*28,373 24,141 40.4ft
	-6 m kg																		*13,240 12,500 11.3m
	-20 ft lb																		*29,189 27,558 37.1ft
	-7.5 m kg																		*13,480 *13,480 10.0m
	-25 ft lb																		*29,718 *29,718 32.8ft
	-9 m kg																		*13,250 *13,250 8.2m
	-30 ft lb																		*29,211 *29,211 26.9ft

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 EC750EHR

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.

With Boom extension	Lifting hook related to ground level	Max. reach																		
		4.5 m, 15 ft	6.0 m, 20 ft	7.5 m, 25 ft	9.0 m, 30 ft	10.5 m, 35 ft	12.0 m, 40 ft	13.5 m, 45 ft	15.0 m, 50 ft	16.5 m, 55 ft	Along UC	Across UC								
Bent & Straight boom	13.5 m kg																			*10,790 *10,790 11.5 m
	45 ft lb																			*23,788 *23,788 37 ft
	12 m kg																			*10,320 *10,320 12.7 m
	40 ft lb																			*22,752 *22,752 41.7 ft
	10.5 m kg																			*10,070 *10,070 13.7 m
	35 ft lb																			*22,201 *22,201 44.9 ft
	9 m kg																			*9,980 *9,980 14.5 m
	30 ft lb																			*22,002 *22,002 47.6 ft
	7.5 m kg																			*10,020 *9,320 15.1 m
	25 ft lb																			*22,090 *20,547 49.5 ft
Arm	6 m kg																			*10,170 *8,570 15.5 m
	20 ft lb																			*22,421 *18,894 50.9 ft
	4.5 m kg																			*10,060 *8,040 15.7 m
	15 ft lb																			*22,178 *17,725 51.5 ft
	(13'9") 3 m kg																			*9,960 *7,690 15.9 m
Shoe	10 ft lb																			*21,958 *16,954 52.2 ft
	650 mm (26") 5 ft lb																			*9,830 *7,520 15.8 m
	0 m kg																			21,671 *16,579 51.8 ft
	0 ft lb																			*9,790 *7,500 15.7 m
	-1.5 m kg																			*21,583 *16,535 51.5 ft
Hyd.	CWT -5 ft lb																			*9,680 *7,660 15.3 m
	-3 m kg																			*21,341 *16,887 50.2 ft
	-10 m kg																			*20,966 *17,703 48.6 ft
	-10.5 m kg																			*9,250 *8,660 14.2 m
	-15 ft lb																			*20,393 *19,092 46.6 ft
Removal	-6 m kg																			*8,790 *8,790 13.3 m
	-20 ft lb																			*19,379 *19,379 43.6 ft
	-7.5 m kg																			*8,000 *8,000 12.2 m
	-25 ft lb																			*17,637 *17,637 40.0 ft
	15 m kg																			*11,140 *11,140 8.9 m
Straight & Bent boom	50 ft lb																			*24,559 *24,559 29.2 ft
	13.5 m kg																			*10,440 *10,440 10.7 m
	45 ft lb																			*23,016 *23,016 35.1 ft
	12 m kg																			*10,100 *10,100 12.0 m
	40 ft lb																			*22,267 *22,267 39.4 ft
	10.5 m kg																			*9,980 *9,980 13.1 m
	35 ft lb																			*22,002 *22,002 43.0 ft
	9 m kg																			*10,020 *10,020 13.9 m
	30 ft lb																			*22,090 *22,090 45.6 ft
	7.5 m kg																			*10,200 *10,200 14.5 m
Arm	25 ft lb																			*22,487 *22,068 47.6 ft
	6 m kg																			*10,500 *9,120 14.9 m
	20 ft lb																			*23,149 *20,106 48.9 ft
	4.5 m kg																			*10,830 *8,500 15.2 m
	15 ft lb																			*23,376 *18,739 49.9 ft
CWT	650 mm (26") 3 m kg																			*10,470 *8,080 15.3 m
	10 ft lb																			*23,082 *17,813 50.2 ft
	1.5 m kg																			*10,100 *7,860 15.3 m
	5 ft lb																			*22,267 *17,328 50.2 ft
	0 m kg																			*9,700 *7,810 15.1 m
Removal	0 ft lb																			*21,385 *17,218 49.5 ft
	-1.5 m kg																			*9,220 *7,960 14.8 m
	-5 ft lb																			*20,327 *17,549 48.6 ft
	-3 m kg																			*8,610 *8,350 14.3 m
	-10 ft lb																			*18,982 *18,409 46.9 ft
CWT	-1.5 m kg																			*7,770 *7,770 13.6 m
	-5 ft lb																			*17,130 *17,130 44.6 ft
	-3 m kg																			*6,550 *6,550 12.7 m
	-15 ft lb																			*14,440 *14,440 41.7 ft
	18 m kg																			*16,660 *16,660 6.1 m
Straight & Bent & Straight boom	60 ft lb																			*36,729 *36,729 20.0 ft
	16.5 m kg																			*13,390 *13,390 9.0 m
	55 ft lb																			*29,520 *29,520 29.5 ft
	15 m kg																			*11,900 *11,900 11.0 m
	50 ft lb																			*26,235 *26,235 36.1 ft
	13.5 m kg																			*11,040 *11,040 12.5 m
	45 ft lb																			*24,339 *24,339 41.0 ft
	12 m kg																			*10,520 *10,520 13.7 m
	40 ft lb																			*23,193 *23,193 44.9 ft
	10.5 m kg																			*10,200 *9,690 14.6 m
Straight & Straight boom	35 ft lb																			*22,487 *21,363 47.9 ft
	9 m kg																			*10,040 *8,580 15.3 m
	30 ft lb																			*22,134 *18,916 50.2 ft
	7.5 m kg																			*9,980 *7,780 15.9 m
	25 ft lb																			*22,002 *17,152 52.2 ft
CWT	6 m kg																			*16,820 *13,900 6.1 m
	20 ft lb																			*20,834 *19,816 53.5 ft
	4.5 m kg																			*16,460 *14,250 10.7 m
	15 ft lb																			*36,288 *31,262 49.1 ft
	3 m kg																			*15,760 *13,340 9.39 m
Removal	10 ft lb																			*10,230 *9,240 16.6 ft
	1.5 m kg																			*14,710 *12,730 11.24 m
	5 ft lb																			*13,330 *12,400 10,900 10,330 8,750 8,790 7,510
	0 m kg																			*6,810 *6,570 16.4 m
	0 ft lb																			*15,013 *14,484 53.8 ft
CWT	-1.5 m kg																			*5,930 *5,930 16.1 m
	-5 ft lb																			*13,073 *13,073 52.8 ft
	-3 m kg</td																			

Equipment

STANDARD EQUIPMENT

Engine

Turbocharged, 4 stroke diesel engine with water cooling, direct injection and charged air cooler that meets Tier4f/EU Stage IV requirements.

Air intake heater

Fuel filter and water separator

Fuel filler pump: 50 l/min (13.2 gal/min), with automatic shut-off

Alternator, 80 A

Precleaner, Cyclone

Electric/Electronic control system

Contronics

Advanced mode control system

Self-diagnostic system

Machine status indication

Engine speed sensing power control

Automatic idling system

One-touch power boost

Safety stop/start function

Adjustable two LCD color monitors

Master electrical disconnect switch

Engine restart prevention circuit

High-capacity halogen lights(Optional selection to LED):

Frame-mounted 2

Boom-mounted 4

Batteries, 2 x 12 V / 200 Ah

Start motor, 24 V / 7 kW

CareTrack

Engine emergency stop switch

Overload Warning (TMI & Slew limitation)

Front camera for demolition

Rear view camera on counterweight

Cleaning air gun

Dust suppression system

Hydraulic system

Hose rupture valve for UHR:

boom cylinder and arm

Hydraulic piping:

Hammer & shear:

Two pump flow

Slope & rotator

Oil leak (drain) line

Quick fit piping

Additional return filter

Overload warning device

Automatic sensing hydraulic system

Summation system

Boom priority

Arm priority

Swing priority

Boom and arm regeneration valves

Slew anti-rebound valves

Boom and arm holding valves

Multi-stage filtering system

Cylinder cushioning

Cylinder contamination seals

Auxiliary hydraulic valve

Automatic two-speed travel motors

Hydraulic oil, ISO VG 46

STANDARD EQUIPMENT

Superstructure

Full height counterweight: 11,200 kg (24,692 lb)

Additional counterweight for high reach: 4,186 kg (9,229 lb) (EC750EHR hyd removable CWT)

HD undercover plate (8 mm / 0.31 in)

HD double thickness side doors with micro mesh

Access way with handrail

Punched metal anti-slip plates

Tool storage area

Undercarriage

Fixed undercarriage

Retractable undercarriage

Swing ring guard

HD Undercover plate (10 mm / 0.39 in)

Hydraulic track adjusters

Greased and sealed track link

Standard track guards

Foot support bar

Tilting cab, and interior

Tilting cab

Seat, mech. susp w/ heater, w/o X-Isolator

Control Joystick with 3 switch & 1 prop. control

Air-conditioner climate control

Silicon oil and rubber mounts with spring

Adjustable operator seat and joystick control console

AM/FM stereo with CD Player and MP3 input with bluetooth

Flexible antenna

Hydraulic safety lock lever

Cab, all-weather sound suppressed, includes:

Cup holder

Door locks

Tinted glass

Floor mat

Horn

Large storage area

Seat belt, 3 inch retractable

Safety glass(front and side)

LEXAN glass(roof)

Sun shields, front, roof, rear

Windshield wipers with intermittent feature(front and roof)

Master key

Frame mounted Falling object guard (FOG)

OPTIONAL EQUIPMENT		OPTIONAL EQUIPMENT	
Engine		Cab and interior	
Block heater: 120 V, 240 V		Seat, Mech. susp w/o heater, w/o X-Isolator	
Oil bath pre-cleaner		Seat, Air susp w/ heater, w/ X-Isolator	
Diesel coolant heater, 10kW		Pilot control pattern change	
Water separator with heater		Smoker kit (ashtray & lighter)	
Reversible cooling fan		Safety net for front window	
Electric		Lower wiper with intermittent control	
Extra lights(halogen or LED):		Specific key	
Cab mounted x2 (front) x1 (rear)		Undercarriage	
Counterweight mounted x1		Hydraulically retractable undercarriage	
Travel alarm		Full track guards	
Anti-theft system		Track shoes	
Rotating warning beacon		600/700/800/900 mm (24"/28"/32"/36") triple grouser shoes	
Side view camera		600 mm (24")double grouser shoes	
Hydraulic system		650/750/900 mm (26"/30"/36") double grouser shoes	
Hose rupture valve for digging boom : Arm		Digging equipment	
Hydraulic piping:		Digging boom Straight 8.3 m (27'3") / Bent 7.7 m (25'3")	
Work tool management system (Up to 20 programmable memories)		Arm: 4.2 m (13'9")	
Grapple for digging boom		Boom extension 4.39 m (14'5")	
Quick fit piping for digging boom		Manual centralized lubrication	
Straight travel pedal		High reach	
Hydraulic oil, ISO VG 32, 68		Boom HR-3 piece: 26 m (85.3 ft)	
Hydraulic oil, biodegradable 46		Boom HR-3 piece: 36 m (118.1 ft)	
Hydraulic oil, longlife oil 32, 46, 68		Additional front camera for demolition(left hand side)	
Boom cylinder guard		Service	
Bucket cylinder guard		Spare parts	
Superstructure		Tool kit, full scale	
Side Impact Protection System		Tool kit, daily maintenance	
Side walk-way for tilting cab			

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

Volvo Construction Equipment
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