

Technical data



Engine

Rating	
per SAE J1349	563 HP (420 kW) at 1,800 rpm
per ISO 9249	571 HP (420 kW) at 1,800 rpm
Torque	2,939 Nm at 1,300 rpm / 2,170 lbf ft at 1,300 rpm
Model	Liebherr D9508 A7 SCR
Type	8 cylinder V engine
Bore	128 mm / 5.0 in
Stroke	157 mm / 6.2 in
Displacement	16.16 l / 986 in³
Engine operation	4-stroke diesel Common-Rail
Exhaust gas treatment	Tier 4 Final SCR Filter Passive regeneration by thermo management
Cooling system	Water-cooled and integrated motor oil cooler, after-cooled and fuel cooled
Air cleaner	Dry-type air cleaner with pre-cleaner, primary and safety elements
Fuel tank	1,498 l / 396 gal
Urea tank	180 l / 48 gal
Electrical system	
Voltage	24 V
Batteries	2 x 180 Ah / 12 V
Starter	24 V / 7.8 kW
Alternator	Three-phase current 28 V / 140 A
Engine idling	Sensor controlled
Motor management	Connection to the integrated excavator system controlling via CAN-BUS to the economical utilisation of the service that is available



Hydraulic controls

Power distribution	Via control valves in single block with integrated safety valves
Flow summation	To boom and stick
Closed-loop circuit	For uppercarriage swing drive
Servo circuit	Electro-hydraulic control
Equipment and swing	Proportional via joystick levers
Travel	– Proportional control via foot pedals or removable levers – Speed pre-selection
Additional functions	Proportional regulation via foot pedals or mini-joystick



Hydraulic system

Hydraulic pumps	
For equipment and travel drive	Two Liebherr variable displacement, swashplate pumps
Max. flow	2 x 498 l/min. / 2 x 131 gpm
Max. pressure	350 bar / 5,076 psi
For swing drive	Reversible, variable displacement, swashplate pump, closed-loop circuit
Max. flow	315 l/min. / 83 gpm
Max. pressure	350 bar / 5,076 psi
Pump regulation	Electro-hydraulic with electronic engine speed sensing regulation, minimum flow adjustment, flow compensation, high flow
Hydraulic tank	536 l / 142 gal
Hydraulic system	1,134 l / 300 gal
Filtration	2 full flow filters in return line with integrated fine filter area (5 µm / 2,500 mesh)
Cooling system	Cooler for transmission pump oil and cooler for oil and condenser of air-conditioning with hydrostatically controlled fan drives
MODE selection	Adjustment of engine and hydraulic performance via a mode pre-selector to match application, e.g. for especially economical and environmentally friendly operation or for maximum digging performance and heavy-duty jobs
RPM adjustment	Stepless adjustment of engine output via RPM at each selected mode
Tool Control	20 pre-adjustable pump flows and pressures for add-on attachments



Swing drive

Drive	Liebherr swashplate motor with integrated brake valve
Transmission	Liebherr compact planetary reduction gears
Swing ring	Liebherr, sealed race ball bearing swing ring, internal teeth
Swing speed	0–5.9 rpm stepless
Swing torque	295 kNm / 217,581 lbf ft
Holding brake	Wet multi-disc (spring applied, pressure released)



Cab

Cab	LED work headlights integrated in the ceiling, a door with a sliding window (can be opened on both sides), large storing box and several stowing possibilities, shock-absorbing suspension, sound damping insulating, tinted laminated safety glass, separate window shades for the sunroof window and windscreen, cigarette lighter and 12V plug, storage bins, lunchbox, cup holder
Operator's seat	Liebherr-Comfort seat, airsprung with automatic weight adjustment, vertical and longitudinal seat damping including consoles and joysticks. Seat and armrests adjustable separately and in combination (adjustable in length, height and inclination), seat heating as standard
Arm consoles	Oscillating consoles with seat, tiltable console left
Operation and displays	Large high-resolution operating unit, intuitive, color display with touchscreen, video-compatible, numerous setting, control and monitoring options, e.g. air conditioning control, fuel consumption, machine and attachment parameters
Air-conditioning	Automatic air-conditioning, recirculated air function, fast de-icing and demisting at the press of a button, air vents can be operated via a menu. Recirculated air and fresh air filters can be easily replaced and are accessible from the outside. Heating-cooling unit, designed for extreme outside temperatures, sensors for solar radiation, inside and outside temperatures
Noise emission	
ISO 6396	72 dB(A) = L _{pA} (inside cab)
2000/14/EC	109 dB(A) = L _{WA} (surround noise)



Undercarriage

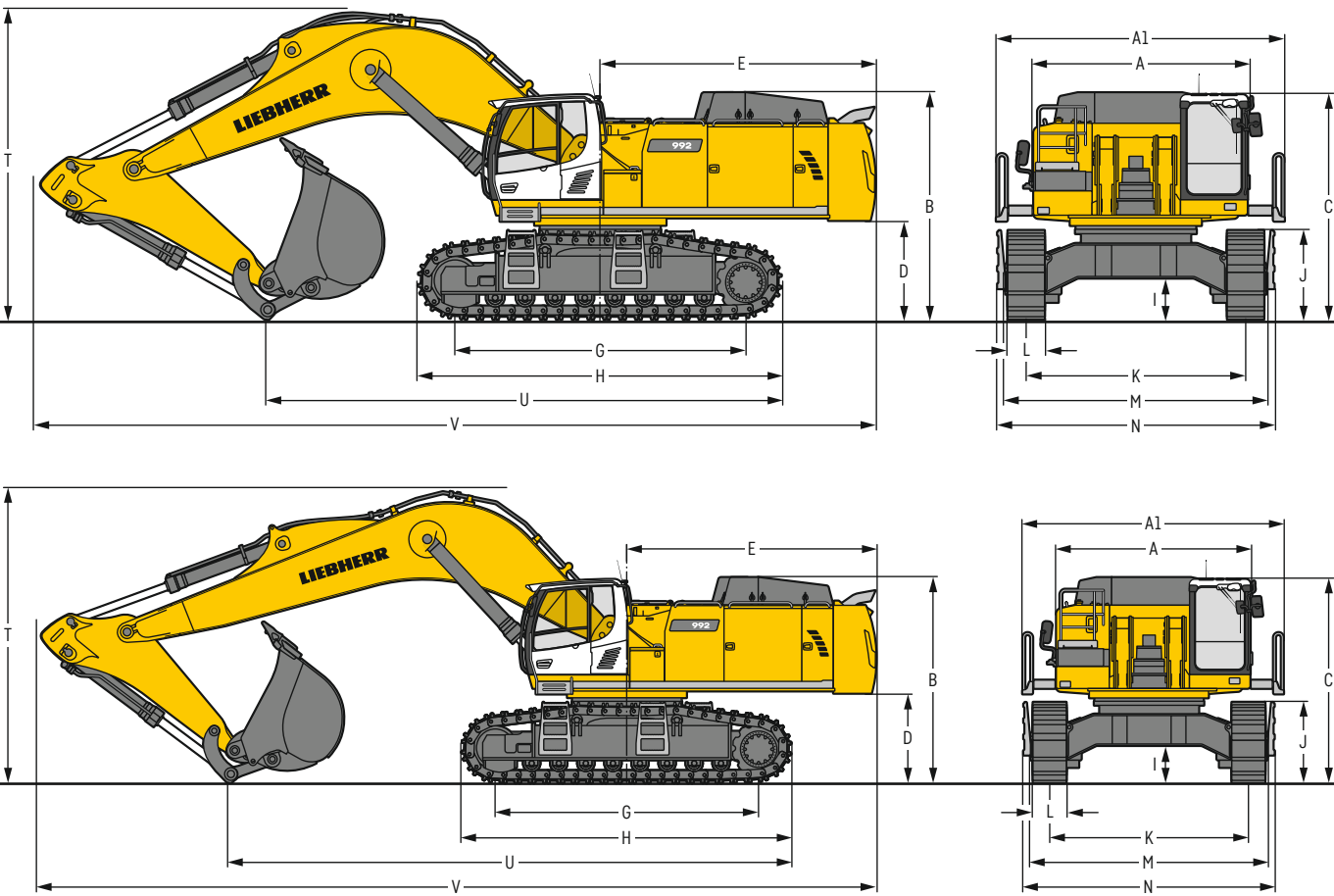
Versions	
HD	Gauge 3,600 mm / 11'10"
LC-V	Gauge 3,590 mm / 11' 9"
Drive	Liebherr swashplate motor with brake valves on both sides
Transmission	Liebherr compact planetary reduction gear
Maximum travel speed	4.3 km/h / 2.7 mph
Drawbar pull on crawler	568 kN / 127,692 lbf
Track components	D9G, maintenance-free
Track rollers / Carrier rollers	8 / 2 (HD) 9 / 3 (LC-V)
Tracks	Sealed and greased
Track pads	Double grouser
Holding brake	Wet multi-disc (spring applied, pressure released)
Brake valves	Outside the travel motor
Lashing eyes	Integrated



Equipment

Type	Combination of resistant steel plates and cast steel components
Hydraulic cylinders	Liebherr cylinders with seal and guidance systems
Bearings	Sealed, low maintenance
Lubrication	Automatic central lubrication system (except link and tilt geometry)
Hydraulic connections	Pipes and hoses equipped with SAE split-flange connections
Buckets	Standard equipped with Liebherr tooth system

Dimensions



		HD		mm / ft in	LC-V		mm / ft in	
A	Uppercarriage width			3,565 / 11' 8"			3,565 / 11' 8"	
A1	Uppercarriage width with catwalks			4,730 / 15' 6"			4,730 / 15' 6"	
B	Uppercarriage height			3,725 / 12' 3"			3,865 / 12' 8"	
C	Cab height			3,695 / 12' 1"			3,835 / 12' 7"	
D	Counterweight ground clearance			1,620 / 5' 4"			1,755 / 5' 9"	
E	Rear-end length			4,515 / 14' 10"			4,515 / 14' 10"	
G	Wheelbase			4,770 / 15' 8"			5,160 / 16' 11"	
H	Undercarriage length			5,960 / 19' 7"			6,335 / 20' 9"	
I	Undercarriage ground clearance			690 / 2' 3"			950 / 3' 1"	
J	Track height			1,460 / 4' 9"			1,495 / 4' 11"	
K	Track gauge			3,600 / 11' 10"			2,750 / 3,590* / 9' / 11' 9"	
L	Track pad width	500 / 20"	600 / 24"	750 / 30"	500 / 20"	600 / 24"	750 / 30"	
M	Width over tracks	4,380 / 14' 4"	4,380 / 14' 4"	4,380 / 14' 4"	3,490 / 4,330* / 11' 5" / 14' 2"	3,490 / 4,330* / 11' 5" / 14' 2"	3,500 / 4,340* / 11' 6" / 14' 3"	
N	Width over steps	5,010 / 16' 5"	5,010 / 16' 5"	5,010 / 16' 5"	4,045 / 4,885* / 13' 3" / 16"	4,045 / 4,885* / 13' 3" / 16"	4,045 / 4,885* / 13' 3" / 16"	

* work position

		Stick length m / ft in	Mono boom 7.20 m / 23' 7"		Mono boom 8.60 m / 28' 3"		Mono boom 10.50 m / 34' 5"	
			direct mounting mm / ft in		direct mounting mm / ft in		direct mounting mm / ft in	
T	Boom height	2.90 / 9' 6"	HD 5,100 / 16' 9"	LC-V 5,150 / 16' 11"	HD -	LC-V -	HD -	LC-V -
		3.30 / 10' 10"			5,450 / 17' 11"	5,500 / 18' 1"	-	-
		3.80 / 12' 6"			5,600 / 18' 4"	5,700 / 18' 8"	5,900 / 19' 4"	6,000 / 19' 8"
		4.70 / 15' 5"			6,000 / 19' 8"	6,000 / 19' 8"	6,100 / 20'	6,200 / 20' 4"
		5.80 / 19'			6,800 / 22' 4"	6,750 / 22' 2"	6,800 / 22' 4"	6,800 / 22' 4"
U	Length on ground	2.90 / 9' 6"			-	-	-	-
		3.30 / 10' 10"			9,950 / 32' 8"	10,100 / 33' 2"	-	-
		3.80 / 12' 6"			9,850 / 32' 4"	10,000 / 32' 10"	11,900 / 39' 1"	12,050 / 39' 6"
		4.70 / 15' 5"			9,650 / 31' 8"	9,800 / 32' 2"	11,700 / 38' 5"	11,850 / 39' 11"
		5.80 / 19'			9,650 / 31' 8"	9,750 / 32'	11,550 / 37' 11"	11,700 / 38' 5"
V	Overall length	2.90 / 9' 6"			-	-	-	-
		3.30 / 10' 10"			14,900 / 48' 11"	14,900 / 48' 11"	-	-
		3.80 / 12' 6"			14,750 / 48' 5"	14,750 / 48' 5"	16,650 / 54' 8"	16,650 / 54' 8"
		4.70 / 15' 5"			14,550 / 47' 9"	14,550 / 47' 9"	16,450 / 54'	16,500 / 54' 2"
		5.80 / 19'			14,150 / 46' 5"	14,250 / 46' 9"	16,150 / 53'	16,250 / 53' 4"
	Bucket		5.20 m³ / 6.80 yd³		3.60 m³ / 4.71 yd³		2.60 m³ / 3.40 yd³	

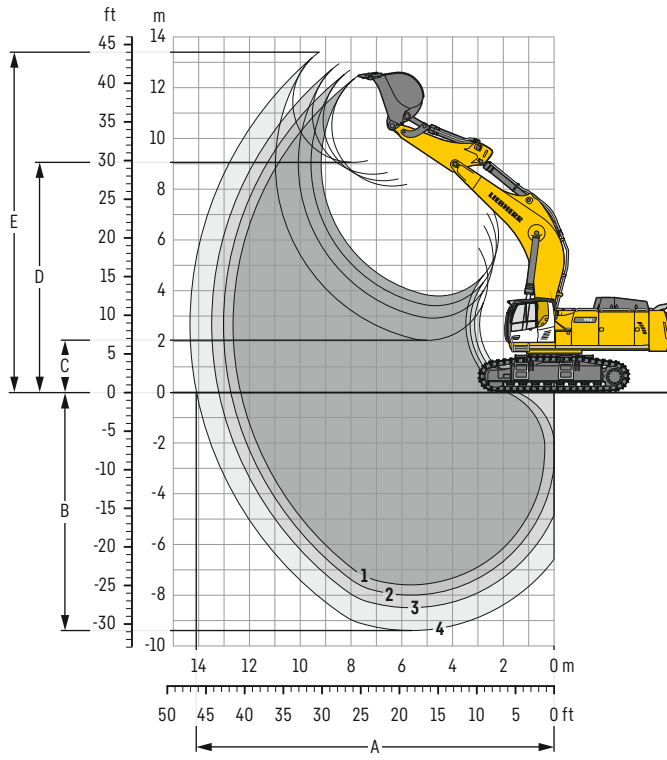
Transport dimensions

removable elements disassembled

		Mono boom 7.20 m / 23' 7"		Mono boom 8.60 m / 28' 3"		Mono boom 10.50 m / 34' 5"	
Transport width		mm / ft in 4,730 / 15' 6"		mm / ft in 4,730 / 15' 6"		mm / ft in 4,730 / 15' 6"	
Transport length	Undercarriage / Stick m / ft in	HD mm / ft in	LC-V mm / ft in	HD mm / ft in	LC-V mm / ft in	HD mm / ft in	LC-V mm / ft in
		13,800 / 45' 3"	13,800 / 45' 3"	-	-	-	-
	3.30 / 10' 10"	13,500 / 44' 3"	13,500 / 44' 3"	14,900 / 48' 11"	14,900 / 48' 11"	-	-
	3.80 / 12' 6"	13,400 / 44'	13,450 / 44' 2"	14,750 / 48' 5"	14,750 / 48' 5"	16,650 / 54' 8"	16,650 / 54' 8"
	4.70 / 15' 5"	13,150 / 43' 2"	13,250 / 43' 6"	14,550 / 47' 9"	14,550 / 47' 9"	16,450 / 54'	16,500 / 54' 2"
Transport height	5.80 / 19'	-	-	14,150 / 46' 5"	14,250 / 46' 9"	16,150 / 53'	16,250 / 53' 4"
	2.90 / 9' 6"	5,100 / 16' 9"	5,150 / 16' 11"	-	-	-	-
	3.30 / 10' 10"	5,250 / 17' 3"	5,350 / 17' 7"	5,450 / 17' 11"	5,500 / 18' 1"	-	-
	3.80 / 12' 6"	5,550 / 18' 3"	5,600 / 18' 4"	5,600 / 18' 4"	5,700 / 18' 8"	5,900 / 19' 4"	6,000 / 19' 8"
	4.70 / 15' 5"	6,050 / 19' 10"	6,150 / 20' 2"	6,000 / 19' 8"	6,000 / 19' 8"	6,100 / 20'	6,200 / 20' 4"
	5.80 / 19'	-	-	6,800 / 22' 4"	6,750 / 22' 2"	6,800 / 22' 4"	6,800 / 22' 4"
Bucket		5.20 m³ / 6.80 yd³		3.60 m³ / 4.71 yd³		2.60 m³ / 3.40 yd³	

Backhoe bucket

with mono boom 7.20 m / 23'7"



Digging envelope

without quick coupler		1	2	3	4
Stick length	m / ft in	2.90 / 9'6"	3.30 / 10'10"	3.80 / 12'6"	4.70 / 15'5"
A Max. reach at ground level	m / ft in	12.30 / 40'4"	12.70 / 41' 8"	13.20 / 43'4"	14.05 / 46'1"
B Max. digging depth	m / ft in	7.45 / 24'5"	7.85 / 25' 9"	8.35 / 27'5"	9.25 / 30'4"
C Min. dumping height	m / ft in	3.80 / 12'6"	3.40 / 11' 2"	2.90 / 9'6"	2.05 / 6'9"
D Max. dumping height	m / ft in	8.25 / 27'1"	8.50 / 27'11"	8.75 / 28'8"	9.20 / 30'2"
E Max. cutting height	m / ft in	12.60 / 41'4"	12.85 / 42' 2"	13.10 / 43'	13.55 / 44'5"

Forces

without quick coupler		1	2	3	4
Stick digging force (ISO 6015)	kN / lbf	390 / 87,680	361 / 81,160	329 / 73,960	284 / 63,850
Bucket digging force (ISO 6015)	kN / lbf	485 / 109,030	485 / 109,030	485 / 109,030	485 / 109,030
Stick digging force (SAE J1179)	kN / lbf	374 / 84,080	347 / 78,010	317 / 71,270	276 / 62,050
Bucket digging force (SAE J1179)	kN / lbf	437 / 98,240	437 / 98,240	437 / 98,240	437 / 98,240

Operating weight and ground pressure

The operating weight includes the basic machine with counterweight 14.1t / 31,090 lb, mono boom 7.20 m / 23'7", stick 2.90 m / 9'6" and bucket 5.20 m³ / 6.80 yd³ (4,650 kg / 10,140 lb).

Undercarriage		HD		
Pad width	mm / in	500 / 20"	600 / 24"	750 / 30"
Weight	kg / lb	85,800 / 189,160	86,600 / 190,920	87,700 / 193,350
Ground pressure	kg/cm ² / psi	1.65 / 23.5	1.39 / 19.8	1.13 / 16.1

Undercarriage		LC-V		
Pad width	mm / in	500 / 20"	600 / 24"	750 / 30"
Weight	kg / lb	91,200 / 201,060	92,000 / 202,830	93,100 / 205,250
Ground pressure	kg/cm ² / psi	1.64 / 23.3	1.38 / 19.6	1.12 / 15.9

The operating weight includes the basic machine with counterweight 16.0t / 35,270 lb, mono boom 7.20 m / 23'7", stick 2.90 m / 9'6" and bucket 5.20 m³ / 6.80 yd³ (4,650 kg / 10,140 lb).

Undercarriage		HD		
Pad width	mm / in	500 / 20"	600 / 24"	750 / 30"
Weight	kg / lb	87,700 / 193,350	88,500 / 195,110	89,600 / 197,540
Ground pressure	kg/cm ² / psi	1.69 / 24.1	1.43 / 20.4	1.17 / 16.7

Undercarriage		LC-V		
Pad width	mm / in	500 / 20"	600 / 24"	750 / 30"
Weight	kg / lb	93,100 / 205,250	93,900 / 207,020	95,000 / 209,440
Ground pressure	kg/cm ² / psi	1.68 / 23.9	1.42 / 20.2	1.16 / 16.5

Buckets Machine stability per ISO 10567* (75 % of tipping capacity)

				HD undercarriage (with track pads 750 mm / 30")				LC-V undercarriage (with track pads 750 mm / 30")			
Cutting width mm ft in	Capacity ISO 7451 m³ yd³	Weight kg lb	Stick length (m / ft in)				Stick length (m / ft in)				
			2.90	3.30	3.80	4.70	2.90	3.30	3.80	4.70	
			9'6"	10'10"	12'6"	15'5"	9'6"	10'10"	12'6"	15'5"	
with counterweight 14.1t / 31,090 lb											
STD ¹⁾	2,200	5.20	4,650	▲	▲	▲	▲	▲	▲	▲	■
	7'3"	6.80	10,251								
	2,300	5.60	4,850	▲	▲	■	■	▲	▲	▲	▲
	7'7"	7.32	10,692								
	2,300	6.20	5,050	■	■	▲	△	▲	■	▲	■
	7'7"	8.11	11,133								
HD ²⁾	2,500	6.80	5,400	▲	▲	△	△	■	▲	■	△
	8'2"	8.89	11,905								
	2,200	4.60	5,100	▲	▲	▲	■	▲	▲	▲	■
	7'3"	6.02	11,244								
	2,200	5.20	5,300	▲	▲	■	■	▲	▲	▲	▲
	7'3"	6.80	11,684								
HDV ³⁾	2,300	5.60	5,550	▲	■	▲	△	▲	▲	■	■
	7'7"	7.32	12,236								
	2,300	6.20	5,800	■	▲	■	△	▲	■	▲	△
	7'7"	8.11	12,787								
	2,000	4.20	5,600	▲	▲	▲	■	▲	▲	▲	▲
	6'7"	5.49	12,346								
HDV ³⁾	2,200	4.70	5,850	▲	▲	▲	▲	▲	▲	▲	■
	7'3"	6.15	12,897								
	2,200	5.20	6,250	▲	▲	■	△	▲	▲	■	■
	7'3"	6.80	13,779								
	2,300	5.70	6,500	■	■	■	△	▲	■	▲	△
	7'7"	7.45	14,330								
with counterweight 16.0t / 35,270 lb											
STD ¹⁾	2,200	5.20	4,650	▲	▲	▲	■	▲	▲	▲	■
	7'3"	6.80	10,251								
	2,300	5.60	4,850	▲	▲	▲	▲	▲	▲	▲	■
	7'7"	7.32	10,692								
	2,300	6.20	5,050	▲	▲	■	■	▲	▲	■	■
	7'7"	8.11	11,133								
HD ²⁾	2,500	6.80	5,400	■	■	■	△	▲	■	▲	△
	8'2"	8.89	11,905								
	2,200	4.60	5,100	▲	▲	▲	▲	▲	▲	▲	▲
	7'3"	6.02	11,244								
	2,200	5.20	5,300	▲	▲	▲	▲	▲	▲	▲	■
	7'3"	6.80	11,684								
HDV ³⁾	2,300	5.60	5,550	▲	▲	■	■	▲	▲	▲	▲
	7'7"	7.32	12,236								
	2,300	6.20	5,800	▲	■	▲	△	▲	▲	■	■
	7'7"	8.11	12,787								
	2,000	4.20	5,600	▲	▲	▲	▲	▲	▲	▲	▲
	6'7"	5.49	12,346								
HDV ³⁾	2,200	4.70	5,850	▲	▲	▲	■	▲	▲	▲	■
	7'3"	6.15	12,897								
	2,200	5.20	6,250	▲	▲	▲	■	▲	▲	▲	▲
	7'3"	6.80	13,779								
	2,300	5.70	6,500	▲	■	▲	△	▲	▲	■	■
	7'7"	7.45	14,330								

* Indicated loads are based on ISO 10567, at maximum reach, and may be swung 360° on firm and even ground

¹⁾ Standard bucket with Liebherr teeth Z 70

²⁾ HD bucket with Liebherr teeth Z 90

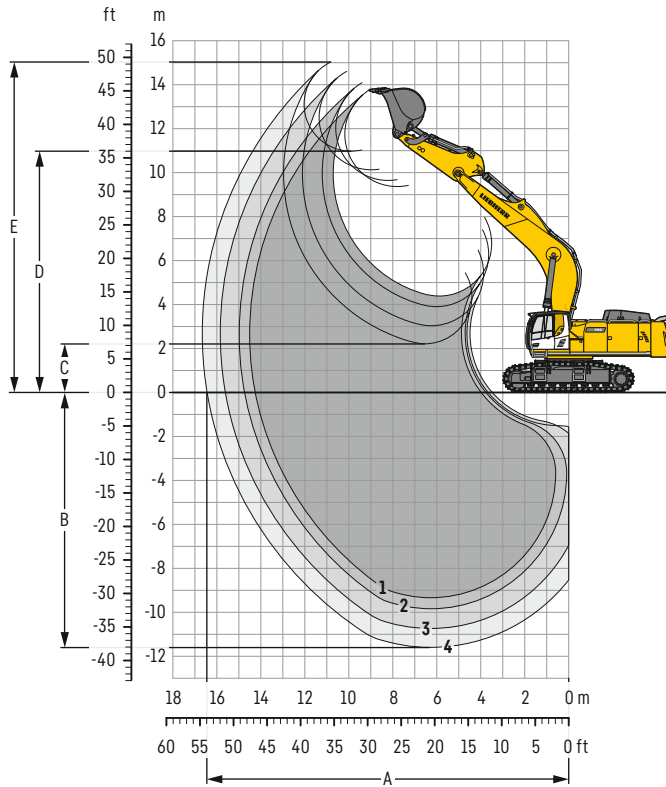
³⁾ HDV bucket with Liebherr teeth Z 90

Other buckets available upon request

Max. material weight ▲ = ≤ 2.0 t/m³ / 3,400 lb/yd³, ■ = ≤ 1.8 t/m³ / 3,000 lb/yd³, ▲ = ≤ 1.65 t/m³ / 2,800 lb/yd³, ■ = ≤ 1.5 t/m³ / 2,500 lb/yd³, △ = ≤ 1.2 t/m³ / 2,000 lb/yd³

Backhoe bucket

with mono boom 8.60 m / 28'3"



Digging envelope

without quick coupler		1	2	3	4
Stick length	m / ft in	3.30 / 10'10"	3.80 / 12' 6"	4.70 / 15' 5"	5.80 / 19'
A Max. reach at ground level	m / ft in	14.20 / 46' 7"	14.70 / 48' 3"	15.60 / 51' 2"	16.40 / 53'10"
B Max. digging depth	m / ft in	9.20 / 30' 2"	9.70 / 31'10"	10.60 / 34' 9"	11.45 / 37' 7"
C Min. dumping height	m / ft in	4.40 / 14' 5"	3.90 / 12'10"	3.05 / 10'	2.20 / 7' 3"
D Max. dumping height	m / ft in	9.50 / 31' 2"	9.80 / 32' 2"	10.30 / 33'10"	11.10 / 36' 5"
E Max. cutting height	m / ft in	13.90 / 45' 7"	14.20 / 46' 7"	14.75 / 48' 5"	15.15 / 49' 8"

Forces

without quick coupler		1	2	3	4
Stick digging force (ISO 6015)	kN / lbf	361 / 81,160	329 / 73,960	284 / 63,850	249 / 55,980
Bucket digging force (ISO 6015)	kN / lbf	485 / 109,030	485 / 109,030	485 / 109,030	356 / 80,030
Stick digging force (SAE J1179)	kN / lbf	347 / 78,010	317 / 71,270	276 / 62,050	237 / 53,280
Bucket digging force (SAE J1179)	kN / lbf	437 / 98,240	437 / 98,240	437 / 98,240	315 / 70,820

Operating weight and ground pressure

The operating weight includes the basic machine with counterweight 14.1t / 31,090 lb, mono boom 8.60 m / 28'3", stick 3.80 / 12'6" and bucket 3.60 m³ / 4.71 yd³ (3,900 kg / 8,600 lb).

Undercarriage		HD		
Pad width	mm / in	500 / 20"	600 / 24"	750 / 30"
Weight	kg / lb	86,400 / 190,480	87,100 / 192,020	88,200 / 194,450
Ground pressure	kg/cm² / psi	1.67 / 23.8	1.40 / 19.9	1.14 / 16.2

Undercarriage		LC-V		
Pad width	mm / in	500 / 20"	600 / 24"	750 / 30"
Weight	kg / lb	91,700 / 202,160	92,500 / 203,930	93,600 / 206,350
Ground pressure	kg/cm² / psi	1.65 / 23.5	1.39 / 19.8	1.12 / 15.9

The operating weight includes the basic machine with counterweight 16.0t / 35,270 lb, mono boom 8.60 m / 28'3", stick 3.80 / 12'6" and bucket 3.60 m³ / 4.71 yd³ (3,900 kg / 8,600 lb).

Undercarriage		HD		
Pad width	mm / in	500 / 20"	600 / 24"	750 / 30"
Weight	kg / lb	88,300 / 194,670	89,000 / 196,210	90,100 / 198,640
Ground pressure	kg/cm² / psi	1.71 / 24.4	1.44 / 20.5	1.18 / 16.8

Undercarriage		LC-V		
Pad width	mm / in	500 / 20"	600 / 24"	750 / 30"
Weight	kg / lb	93,600 / 206,350	94,400 / 208,120	95,500 / 210,540
Ground pressure	kg/cm² / psi	1.69 / 24.1	1.43 / 20.4	1.16 / 16.5

Buckets Machine stability per ISO 10567* (75 % of tipping capacity)

	Cutting width	Capacity ISO 7451	Weight	HD undercarriage (with track pads 750 mm / 30")				LC-V undercarriage (with track pads 750 mm / 30")			
				Stick length (m / ft in)				Stick length (m / ft in)			
	mm	m³	kg	3.30	3.80	4.70	5.80	3.30	3.80	4.70	5.80
	ft in	yd³	lb	10'10"	12'6"	15'5"	19'	10'10"	12'6"	15'5"	19'
with counterweight 14.1t / 31,090 lb											
STD ¹⁾	2,300	5.60	4,850	△	△	-	-	■	△	-	-
	7'7"	7.32	10,690								
	2,300	6.20	5,050	△	-	-	-	△	△	-	-
	7'7"	8.11	11,130								
HD ²⁾	2,500	6.80	5,400	-	-	-	-	△	-	-	-
	8'2"	8.89	11,910								
	2,200	5.20	5,300	△	△	-	-	■	△	-	-
	7'3"	6.80	11,680								
HDV ³⁾	2,300	5.60	5,550	△	-	-	-	△	△	-	-
	7'7"	7.32	12,240								
	2,300	6.20	5,800	-	-	-	-	△	-	-	-
	7'7"	8.11	12,790								
STD ⁴⁾	2,200	4.70	5,850	■	△	-	-	▲	△	△	-
	7'3"	6.15	12,900								
	2,200	5.20	6,250	△	-	-	-	△	△	-	-
	7'3"	6.80	13,780								
HD ⁵⁾	2,300	5.70	6,500	-	-	-	-	△	-	-	-
	7'7"	7.45	14,330								
	1,950	4.00	3,600	-	-	-	△	-	-	-	■
	6'5"	5.23	7,940								
STD ⁴⁾	2,150	4.50	3,800	-	-	-	△	-	-	-	△
	7'1"	5.88	8,380								
	2,250	5.00	3,950	-	-	-	-	-	-	-	△
	7'5"	6.54	8,710								
HD ⁵⁾	2,000	4.00	4,500	-	-	-	△	-	-	-	△
	6'7"	5.23	9,920								
	2,200	4.50	4,850	-	-	-	-	-	-	-	△
	7'3"	5.88	10,690								
with counterweight 16.0t / 35,270 lb											
STD ¹⁾	2,300	5.60	4,850	■	△	-	-	▲	■	△	-
	7'7"	7.32	10,690								
	2,300	6.20	5,050	△	△	-	-	■	△	-	-
	7'7"	8.11	11,130								
HD ²⁾	2,500	6.80	5,400	△	-	-	-	△	△	-	-
	8'2"	8.89	11,910								
	2,200	5.20	5,300	■	△	△	-	▲	■	△	-
	7'3"	6.80	11,680								
HDV ³⁾	2,300	5.60	5,550	△	△	-	-	■	△	△	-
	7'7"	7.32	12,240								
	2,300	6.20	5,800	△	-	-	-	△	△	-	-
	7'7"	8.11	12,790								
STD ⁴⁾	2,200	4.70	5,850	▲	■	△	-	■	▲	△	-
	7'3"	6.15	12,900								
	2,200	5.20	6,250	△	△	-	-	■	△	-	-
	7'3"	6.80	13,780								
HD ⁵⁾	2,300	5.70	6,500	△	-	-	-	△	△	-	-
	7'7"	7.45	14,330								
	2,150	4.50	3,800	-	-	-	△	-	-	-	■
	7'1"	5.88	8,380								
STD ⁴⁾	2,250	5.00	3,950	-	-	-	△	-	-	-	△
	7'5"	6.54	8,710								
	2,450	5.50	4,200	-	-	-	-	-	-	-	△
	8'	7.19	9,260								
HD ⁵⁾	2,000	4.00	4,500	-	-	-	■	-	-	-	■
	6'7"	5.23	9,920								
	2,200	4.50	4,850	-	-	-	△	-	-	-	△
	7'3"	5.88	10,690								
HD ⁵⁾	2,300	5.00	5,050	-	-	-	-	-	-	-	△
	7'7"	6.54	11,130								

* Indicated loads are based on ISO 10567, at maximum reach, and may be swung 360° on firm and even ground

¹⁾ Standard bucket with Liebherr teeth Z 90

²⁾ HD bucket with Liebherr teeth Z 90

³⁾ HDV bucket with Liebherr teeth Z 90

⁴⁾ Standard bucket from R 966 Litronic with Liebherr teeth Z 70

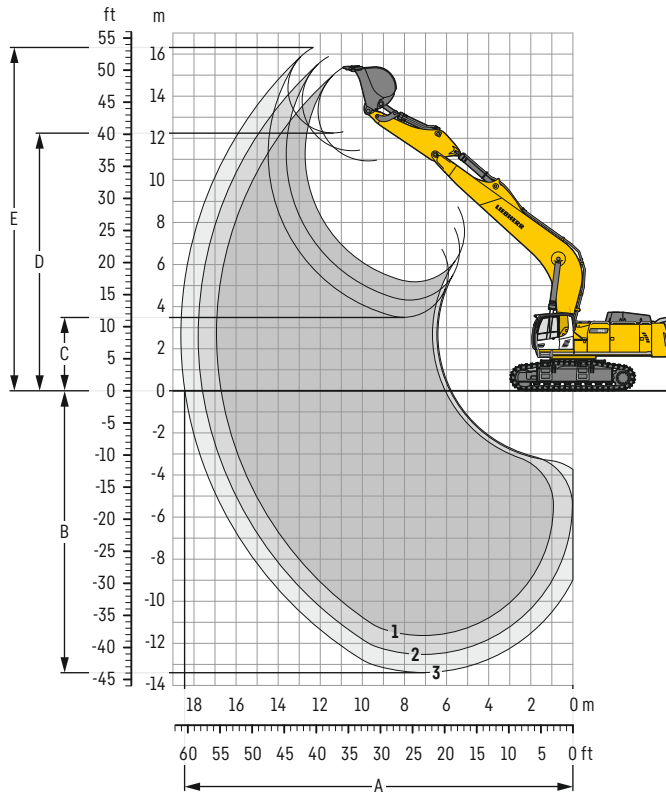
⁵⁾ HD bucket from R 966 Litronic with Liebherr teeth Z 90

Other buckets available upon request

Max. material weight ■ = ≤ 1.8t/m³ / 3,000lb/yd³, ▲ = ≤ 1.65t/m³ / 2,800lb/yd³, ■ = ≤ 1.5t/m³ / 2,500lb/yd³, △ = ≤ 1.2t/m³ / 2,000lb/yd³, - = not authorized

Backhoe bucket

with mono boom 10.50 m / 34'5"



Digging envelope

without quick coupler		1	2	3
Stick length	m / ft in	3.80 / 12' 6"	4.70 / 15' 5"	5.80 / 19'
A Max. reach at ground level	m / ft in	16.70 / 54' 9"	17.55 / 57' 7"	18.40 / 60' 4"
B Max. digging depth	m / ft in	11.50 / 37' 9"	12.40 / 40' 8"	13.25 / 43' 6"
C Min. dumping height	m / ft in	5.20 / 17' 1"	4.30 / 14' 1"	3.50 / 11' 6"
D Max. dumping height	m / ft in	11.05 / 36' 3"	11.55 / 37' 11"	12.40 / 40' 8"
E Max. cutting height	m / ft in	15.50 / 50' 10"	16.00 / 52' 6"	16.45 / 54'

Forces

without quick coupler		1	2	3
Stick digging force (ISO 6015)	kN / lbf	329 / 73,960	284 / 63,850	249 / 55,980
Bucket digging force (ISO 6015)	kN / lbf	485 / 109,030	485 / 109,030	356 / 80,030
Stick digging force (SAE J1179)	kN / lbf	317 / 71,270	276 / 62,050	237 / 53,280
Bucket digging force (SAE J1179)	kN / lbf	437 / 98,240	437 / 98,240	315 / 70,820

Operating weight and ground pressure

The operating weight includes the basic machine with counterweight 16.0t / 35,270 lb, mono boom 10.50 m / 34'5", stick 4.70 m / 15'5" and bucket 2.60 m³ / 3.40 yd³ (3,400 kg / 7,500 lb).

Undercarriage		HD		
Pad width	mm / in	500 / 20"	600 / 24"	750 / 30"
Weight	kg / lb	89,200 / 196,650	90,000 / 198,420	91,100 / 200,840
Ground pressure	kg/cm ² / psi	1.72 / 24.5	1.44 / 20.5	1.17 / 16.6

Undercarriage		LC-V		
Pad width	mm / in	500 / 20"	600 / 24"	750 / 30"
Weight	kg / lb	94,600 / 208,560	95,400 / 210,320	96,500 / 212,750
Ground pressure	kg/cm ² / psi	1.70 / 24.2	1.42 / 20.2	1.15 / 16.4

Buckets Machine stability per ISO 10567* (75 % of tipping capacity)

	Cutting width	Capacity ISO 7451	Weight	HD undercarriage (with track pads 750 mm / 30")			LC-V undercarriage (with track pads 750 mm / 30")		
				Stick length (m / ft in)			Stick length (m / ft in)		
	mm	m³	kg	3.80	4.70	5.80	3.80	4.70	5.80
	ft in	yd³	lb	12'6"	15'5"	19'	12'6"	15'5"	19'
with counterweight 16.0t / 35,270 lb									
STD ¹⁾	1,450	2.60	3,400	▲	▲	-	▲	■	-
	4'9"	3.40	7,500						
	1,800	3.60	3,900	△	-	-	■	△	-
	5'11"	4.71	8,600						
	2,000	4.10	4,100	△	-	-	△	-	-
	6'7"	5.36	9,040						
HD ²⁾	1,450	2.60	3,750	▲	▲	-	▲	■	-
	4'9"	3.40	8,270						
	1,800	3.60	4,350	△	-	-	■	△	-
	5'11"	4.71	9,590						
	2,000	4.10	4,700	-	-	-	△	-	-
	6'7"	5.36	10,360						
HDV ³⁾	1,800	3.70	5,200	-	-	-	△	-	-
	5'11"	4.84	11,460						
STD ⁴⁾	1,400	2.00	2,500	-	-	▲	-	-	▲
	4'7"	2.62	5,510						
	1,700	2.50	2,850	-	-	■	-	-	▲
	5'7"	3.27	6,280						
	1,950	3.00	3,100	-	-	△	-	-	■
	6'5"	3.92	6,830						
HD ⁵⁾	2,150	3.50	3,350	-	-	△	-	-	△
	7'1"	4.58	7,390						
	1,450	2.00	3,100	-	-	▲	-	-	▲
	4'9"	2.62	6,830						
	1,750	2.50	3,600	-	-	■	-	-	▲
	5'9"	3.27	7,940						
	2,000	3.00	3,900	-	-	△	-	-	△
	6'7"	3.92	8,600						

* Indicated loads are based on ISO 10567, at maximum reach, and may be swung 360° on firm and even ground

¹⁾ Standard bucket with Liebherr teeth Z 90

²⁾ HD bucket with Liebherr teeth Z 90

³⁾ HDV bucket with Liebherr teeth Z 90

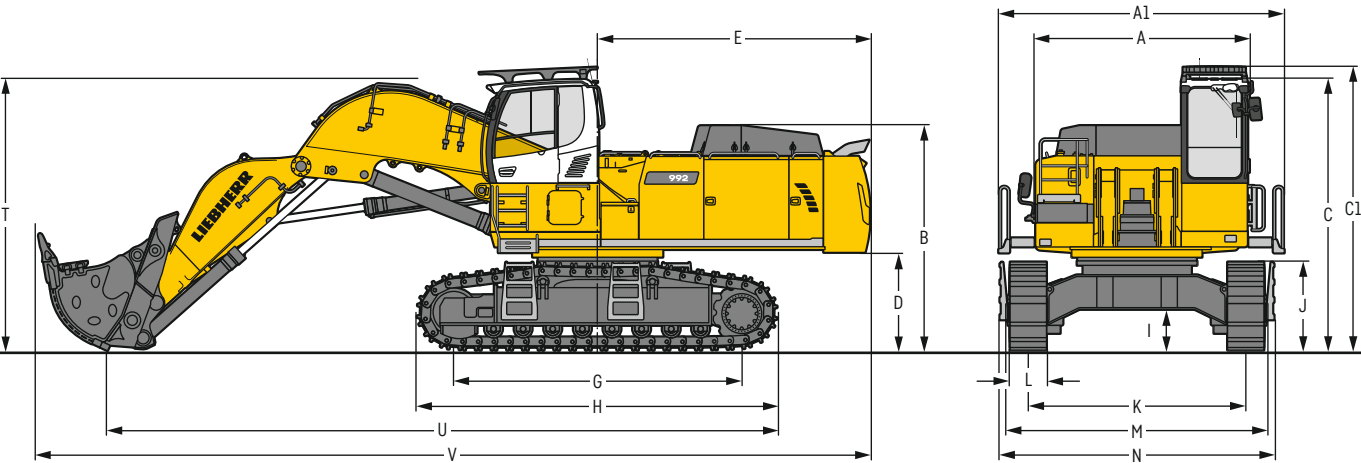
⁴⁾ Standard bucket from R 966 Litronic with Liebherr teeth Z 70

⁵⁾ HD bucket from R 966 Litronic with Liebherr teeth Z 90

Other buckets available upon request

Max. material weight ▲ = ≤ 2.0 t/m³ / 3,400 lb/yd³, ■ = ≤ 1.8 t/m³ / 3,000 lb/yd³, ▲ = ≤ 1.65 t/m³ / 2,800 lb/yd³, ■ = ≤ 1.5 t/m³ / 2,500 lb/yd³, △ = ≤ 1.2 t/m³ / 2,000 lb/yd³, - = not authorized

Dimensions front shovel



		HD	mm / ft in
A	Uppercarriage width		3,565 / 11' 8"
A1	Uppercarriage width with catwalks		4,730 / 15' 6"
B	Uppercarriage height		3,725 / 12' 3"
C	Cab height		4,495 / 14' 9"
C1	Cab height with FOPS top guard		4,690 / 15' 5"
D	Counterweight ground clearance		1,620 / 5' 4"
E	Rear-end length		4,515 / 14' 10"
G	Wheelbase		4,770 / 15' 8"
H	Undercarriage length		5,960 / 19' 7"

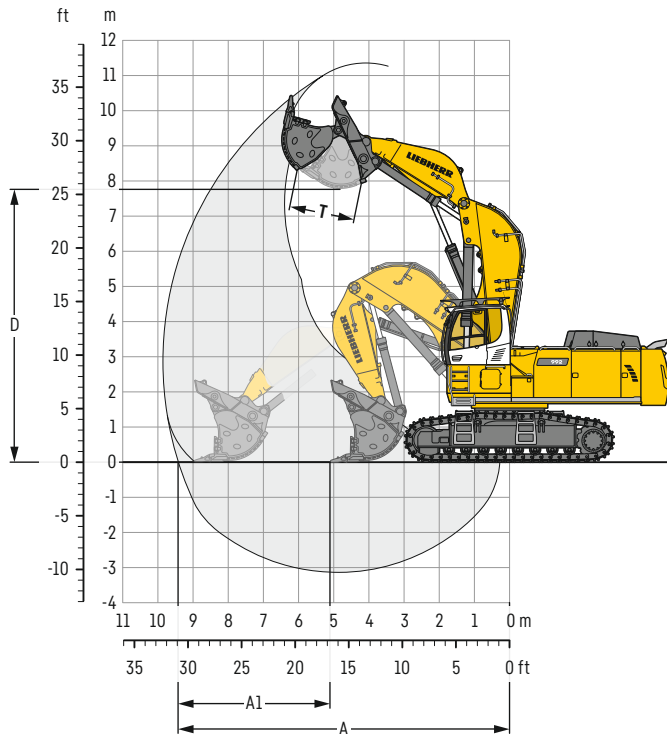
		HD	mm / ft in
I	Undercarriage ground clearance		690 / 2' 3"
J	Track height		1,460 / 4' 9"
K	Track gauge		3,600 / 11' 10"
L	Track pad width	500 / 20" 600 / 24" 750 / 30"	
M	Width over tracks	4,380 / 14' 4" 4,380 / 14' 4" 4,380 / 14' 4"	
N	Width over steps	5,010 / 16' 5" 5,010 / 16' 5" 5,010 / 16' 5"	
T	Boom height		4,500 / 14' 9"
U	Length on ground		11,100 / 36' 5"
V	Overall length		13,850 / 45' 5"

Transport dimensions

removable elements disassembled

	Shovel equipment
	mm / ft in
Transport width	4,730 / 15' 6"
Transport length	13,850 / 45' 5"
Transport height	4,690 / 15' 5"
Shovel	5.10 m³ / 6.67 yd³

Front shovel



Digging envelope

A	Max. reach at ground level	m / ft in	9.40 / 30'10"
A1	Max. crowd length	m / ft in	3.90 / 12'10"
D	Max. dumping height	m / ft in	7.80 / 25' 7"
T	Bucket opening width	mm / ft in	1,825 / 6'

Forces

Max. crowd force	kN / lbf	690 / 155,120
Max. crowd force at ground level	kN / lbf	490 / 110,160
Max. breakout force	kN / lbf	500 / 112,410

Operating weight and ground pressure

The operating weight includes the basic machine with cab elevation 800 mm / 2'7", shovel equipment and front shovel 5.10 m³ / 6.67 yd³ (9,200 kg / 20,280 lb), level II.

Undercarriage	HD		
Pad width	mm / in	500 / 20"	600 / 24"
Weight	kg / lb	91,500 / 201,720	92,200 / 203,270
Ground pressure	kg / cm ² / psi	1.76 / 25.0	1.48 / 21.1

Front shovels

Cutting width	Capacity ISO 7451	Weight	Wear kit level	HD undercarriage	Shovel equipment
mm	m ³	kg			
ft in	yd ³	lb			
2,700	5.10	8,450	I		▲
8'10"	6.67	18,630			
2,700	5.10	9,200	II		▲
8'10"	6.67	20,280			
2,700	5.10	10,150	III		■
8'10"	6.67	22,380			
2,700	5.40	10,600	III		■
8'10"	7.06	23,370			
2,700	5.60	8,750	I		■
8'10"	7.32	19,290			
2,700	5.60	9,500	II		■
8'10"	7.32	20,940			
2,700	6.00	9,950	I		▲
8'10"	7.85	21,940			
2,700	6.00	10,700	II		■
8'10"	7.85	23,590			

Level I: For non-abrasive materials, such as limestone without flint inclusion, shot material or easily breakable rock, i.e., deteriorated rock, soft limestone, shale, etc.

Level II: For pre-blasted heavy rock, or deteriorated, cracked material (classification 3 to 4, according to DIN 18300)

Level III: For highly-abrasive materials such as rock with a high silica content, sandstone etc.

Max. material weight ▲ = ≤ 2.0 t/m³ / 3,400 lb/yd³, ■ = ≤ 1.8 t/m³ / 3,000 lb/yd³, ▲ = ≤ 1.65 t/m³ / 2,800 lb/yd³, ■ = ≤ 1.5 t/m³ / 2,500 lb/yd³

Lift capacities

with mono boom 7.20 m / 23'7", counterweight 14.1 t / 31,090 lb and track pads 750 mm / 30"

Stick 2.90 m / 9'6"

Under-carriage	Height	3.0m 10 ft		4.5m 15 ft		6.0m 20 ft		7.5m 25 ft		9.0m 30 ft		10.5m 35 ft		Max. reach	ft in
		Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage		
HD	10.5m t													23.7*	23.7*
	35 ft lb													23.7*	6.4
	9.0m t							21.6*	21.6*					21.3*	8.0
	30 ft lb							48.6*	48.6*					47.3*	25.8"
	7.5m t							21.8*	21.8*	19.5	20.3*			19.4	9.0
	25 ft lb							48.3*	48.3*					44.1	29.4"
	6.0m t					27.2*	27.2*	23.2*	23.2*	19.2	20.9*			16.9	9.7
	20 ft lb					59.8*	59.8*	51.2*	51.2*	41.9	46.6*			38.0	31.8"
	4.5m t					31.3*	31.3*	24.6	25.2*	18.6	21.8*			15.4	10.1
	15 ft lb					68.6*	68.6*	53.8	55.5*	40.7	48.3*			34.7	33.1"
LC-V	3.0m t					32.1	34.9*	23.3	27.1*	17.9	22.8*			14.7	10.3
	10 ft lb					70.4	76.5*	51.1	59.7*	39.2	50.3*			32.9	33.8"
	1.5m t					30.7	36.6*	22.3	28.4*	17.3	22.7			14.5	10.2
	5 ft lb					67.2	80.5*	49.0	62.5*	38.0	49.5			32.5	33.6"
	0m t					30.0	36.4*	21.7	28.6*	16.9	22.3			14.9	9.9
	0 ft lb					65.6	80.2*	47.7	63.0*	37.2	48.6			33.4	32.6"
	-1.5m t			38.5*	38.5*	29.9	34.6*	21.5	27.6*	16.9	22.0*			16.1	9.3
	-5 ft lb			88.7*	88.7*	65.2	76.2*	47.2	60.6*	37.0	48.1*			36.1	30.7"
	-3.0m t	40.5*	40.5*	38.4*	38.4*	30.2	30.9*	21.8	24.6*					18.6	8.5
	-10 ft lb	91.9*	91.9*	84.5*	84.5*	65.8	67.9*	47.6	53.6*					41.8	27.7"
LC-V	-4.5m t			30.0*	30.0*	24.2*	24.2*							18.9*	7.1
	-15 ft lb			65.4*	65.4*	52.4*	52.4*							42.0*	23.2"
	-6.0m t														
	-20 ft lb														
	10.5m t													23.4*	23.4*
	35 ft lb													23.4*	6.4
	9.0m t							21.5*	21.5*					21.1*	8.0
	30 ft lb							48.3*	48.3*					47.0*	25.8"
	7.5m t							21.8*	21.8*	20.4	20.7*			20.0	9.0
	25 ft lb							48.5*	48.5*					44.6*	29.4"
LC-V	6.0m t					27.6*	27.6*	23.3*	23.3*	20.1	21.0*			17.5	9.7
	20 ft lb					60.5*	60.5*	51.6*	51.6*	43.8	46.7*			39.5	31.8"
	4.5m t					31.7*	31.7*	25.4*	25.4*	19.4	21.9*			16.1	10.1
	15 ft lb					69.4*	69.4*	55.9*	55.9*	42.5	48.5*			36.2	33.1"
	3.0m t					33.5	35.1*	24.4	27.3*	18.7	22.9*			15.4	10.3
	10 ft lb					73.4	77.0*	53.4	60.0*	41.1	50.5*			34.6	33.8"
	1.5m t					32.1	36.7*	23.4	28.5*	18.2	23.5*			15.3	10.2
	5 ft lb					70.3	80.6*	51.4	62.7*	39.9	51.7*			34.3	33.6"
	0m t					31.5	36.3*	22.9	28.6*	17.8	23.3*			15.8	9.9
	0 ft lb					68.9	80.0*	50.1	63.0*	39.1	51.3*			35.4	32.6"
LC-V	-1.5m t			40.3*	40.3*	31.4	34.4*	22.7	27.4*	17.8	21.8*			17.2	9.3
	-5 ft lb			92.9*	92.9*	68.6	75.7*	49.7	60.2*	39.0	47.5*			38.4	30.7"
	-3.0m t	42.5*	42.5*	37.8*	37.8*	30.5*	30.5*	23.0	24.2*					20.0	8.5
	-10 ft lb	96.2*	96.2*	83.2*	83.2*	66.9*	66.9*	50.2	52.7*					44.8	27.7"
	-4.5m t			29.0*	29.0*	23.4*	23.4*							18.6*	7.1
	-15 ft lb			63.2*	63.2*	50.4*	50.4*							41.4*	23.2"
	-6.0m t														
	-20 ft lb														
	10.5m t													23.4*	23.4*
	35 ft lb													23.4*	6.4
LC-V	9.0m t							21.5*	21.5*					21.1*	8.0
	30 ft lb							48.3*	48.3*					47.0*	25.8"
	7.5m t							21.8*	21.8*	20.4	20.7*			20.0	9.0
	25 ft lb							48.5*	48.5*					44.6*	29.4"
	6.0m t					27.6*	27.6*	23.3*	23.3*	20.1	21.0*			17.5	9.7
	20 ft lb					60.5*	60.5*	51.6*	51.6*	43.8	46.7*			39.5	31.8"
	4.5m t					31.7*	31.7*	25.4*	25.4*	19.4	21.9*			16.1	10.1
	15 ft lb					69.4*	69.4*	55.9*	55.9*	42.5	48.5*			36.2	33.1"
	3.0m t					33.5	35.1*	24.4	27.3*	18.7	22.9*			15.4	10.3
	10 ft lb					73.4	77.0*	53.4	60.0*	41.1	50.5*			34.6	33.8"
LC-V	1.5m t					32.1	36.7*	23.4	28.5*	18.2	23.5*			15.3	10.2
	5 ft lb					70.3	80.6*	51.4	62.7*	39.9	51.7*			34.3	33.6"
	0m t					31.5	36.3*	22.9	28.6*	17.8	23.3*			15.8	9.9
	0 ft lb					68.9	80.0*	50.1	63.0*	39.1	51.3*			35.4	32.6"
	-1.5m t			40.3*	40.3*	31.4	34.4*	22.7	27.4*	17.8	21.8*			17.2	9.3
	-5 ft lb			92.9*	92.9*	68.6	75.7*	49.7	60.2*	39.0	47.5*			38.4	30.7"
	-3.0m t	42.5*	42.5*	37.8*	37.8*	30.5*	30.5*	23.0	24.2*					20.0	8.5
	-10 ft lb	96.2*	96.2*	83.2*	83.2*	66.9*	66.9*	50.2	52.7*					44.8	27.7"
	-4.5m t			29.0*	29.0*	23.4*	23.4*							18.6*	7.1
	-15 ft lb			63.2*	63.2*	50.4*	50.4*							41.4*	23.2"
LC-V	-6.0m t														
	-20 ft lb														
	10.5m t													23.4*	23.4*
	35 ft lb													23.4*	6.4
	9.0m t							21.5*	21.5*					21.1*	8.0
	30 ft lb							48.3*	48.3*					47.0*	25.8"
	7.5m t							21.8*	21.8*	20.4	20.7*			20.0	9.0
	25 ft lb							48.5*	48.5*					44.6*	29.4"
	6.0m t					27.6*	27.6*	23.3*	23.3*	20.1	21.0*			17.5	9.7
	20 ft lb					60.5*	60.5*	51.6*	51.6*	43.8	46.7*			39.5	31.8"
LC-V	4.5m t					31.7*	31.7*	25.4*	25.4*	19.4	21.9*			16.1	10.1
	15 ft lb					69.4*	69.4*	55.9*	55.9*	42.5	48.5*			36.2	33.1"
	3.0m t					33.5	35.1*	24.4	27.3*	18.7	22.9*			15.4	10.3
	10 ft lb					73.4	77.0*	53.4	60.0*	41.1	50.5*			34.6	33.8"
	1.5m t					32.1	36.7*	23.4	28.5*	18.2	23.5*			15.3	10.2
	5 ft lb					70.3	80.6*	51.4	62.7*	39.9	51.7*			34.3	33.6"
	0m t					31.5	36.3*	22.9	28.6*	17.8	23.3*			15.8	9.9
	0 ft lb					68.9	80.0*	50.1	63.0*	39.1	51.3*			35.4	32.6"
	-1.5m t			40.3*	40.3*	31.4	34.4*	22.7	27.4*	17.8	21.8*			17.2	9.3
	-5 ft lb			92.9*	92.9*	68.6	75.7*	49.7	60.2*	39.0	47.5*			38.4	30.7"
LC-V	-3.0m t	42.5*	42.5*	37.8*	37.8*	30.5*	30.5*	23.0	24.2*					20.0	8.5
	-10 ft lb	96.2*	96.2*	83.2*	83.2*	66.9*	66.9*	50.2	52.7*					44.8	27.7"
	-4.5m t			29.0*	29.0*	23.4*	23.4*							18.6*	7.1
	-15 ft lb			63.2*	63.2*	50.4*	50.4*							41.4*	23.2"
	-6.0m t														
	-20 ft lb														
	10.5m t													23.4*	23.4*
	35 ft lb													23.4*	6.4
	9.0m t							21.5*	21.5*					21.1*	8.0
	30 ft lb							48.3*	48.3*					47.0*	25.8"
LC-V	7.5m t							21.8*	21.8*	20.4	20.7*			20.0	9.0
	25 ft lb							48.5*	48.5*					44.6*	29.4"
	6.0m t					27.6*	27.6*	23.3*	23.3*	20.1	21.0*			17.5	9.7
	20 ft lb					60.5*	60.5*	51.6*	51.6*	43.8	46.7*			39.5	31.8"
	4.5m t					31.7*	31.7*	25.4*	25.4*	19.4	21.9*			16.1	10.1
	15 ft lb					69.4*	69.4*	55.9*	55.9*	42.5	48.5*			36.2	33.1"
	3.0m t					33.5	35.1*	24.4	27.3*	18.7	22.9*			15.4	10.3

Stick 3.80 m / 12'6"

Under-carriage	3.0m 10 ft	4.5m 15 ft	6.0m 20 ft	7.5m 25 ft	9.0m 30 ft	10.5m 35 ft	ft in
10.5m t				18.2° 18.2°			16.7° 16.7° 7.7
35 ft lb							37.4° 37.4° 24.8°
9.0m t					15.7° 15.7°		15.3° 15.3° 9.0
30 ft lb							34.0° 34.0° 29.4°
7.5m t				19.4° 19.4°	18.5° 18.5°		14.6° 14.6° 10.0
25 ft lb				43.0° 43.0°	41.2° 41.2°		32.4° 32.4° 32.6°
6.0m t				21.1° 21.1°	19.2° 19.2°	15.0 15.6°	14.4° 14.4° 10.6
20 ft lb				46.5° 46.5°	42.5° 42.5°		31.9° 31.9° 34.7°
4.5m t			28.4° 28.4°	23.3° 23.3°	18.9 20.4°	14.7 18.5°	13.6 14.6° 11.0
15 ft lb			62.3° 62.3°	51.3° 51.3°	41.3 45.0°	32.0 40.3°	30.6 32.3° 35.11°
3.0m t			32.7° 32.7°	23.8 25.6°	18.1 21.6°	14.3 18.5°	13.0 15.1° 11.1
10 ft lb			71.5° 71.5°	52.1 56.4°	39.6 47.8°	31.2 40.2°	29.2 33.4° 36.5°
1.5m t			31.3 35.5°	22.7 27.5°	17.4 22.7°	13.9 18.0°	12.8 16.0° 11.0
5 ft lb			68.6 78.0°	49.6 60.4°	38.1 49.7°	30.3 39.3°	28.7 35.4° 36.2°
0m t			30.2 36.6°	21.9 28.4°	16.9 22.2°	13.6 17.7°	13.1 17.1° 10.8
0 ft lb			66.1 80.3°	47.9 62.4°	37.0 48.5°	29.7 38.7°	29.3 38.2° 35.4°
-1.5m t		34.9° 34.9°	29.8 35.8°	21.4 28.1°	16.6 21.9°	13.9 18.3°	13.3 18.0° 10.3
-5 ft lb		80.1° 80.1°	64.9 78.7°	46.9 61.8°	36.3 47.8°	31.2 40.7°	33.7° 37.7°
-3.0m t	32.7° 32.7°	43.2° 43.2°	29.8 33.4°	21.4 26.4°	16.6 20.9°	15.6 19.0°	9.5
-10 ft lb	73.9° 73.9°	94.9° 94.9°	64.9 73.2°	46.7 57.8°	36.4 45.2°	35.0 42.5°	31°
-4.5m t	47.5° 47.5°	36.5° 36.5°	28.6° 28.6°	21.8 22.3°		18.5° 18.5°	8.3
-15 ft lb	103.7° 103.7°	79.6° 79.6°	62.3° 62.3°	47.5 48.0°		41.2° 41.2°	27.1°
-6.0m t			19.5° 19.5°			17.0° 17.0°	6.5
-20 ft lb						42.9° 42.9°	19.2°
10.5m t				18.9° 18.9°			16.5° 16.5° 7.7
35 ft lb				37.8° 37.8°			37.0° 37.0° 24.8°
9.0m t					16.5° 16.5°		15.2° 15.2° 9.0
30 ft lb							33.8° 33.8° 29.4°
7.5m t				19.5° 19.5°	18.5° 18.5°		14.6° 14.6° 10.0
25 ft lb				43.2° 43.2°	41.2° 41.2°		32.3° 32.3° 32.6°
6.0m t				21.2° 21.2°	19.3° 19.3°	15.7 16.1°	14.4° 14.4° 10.6
20 ft lb				46.9° 46.9°	42.7° 42.7°		31.9° 31.9° 34.7°
4.5m t			28.8° 28.8°	23.5° 23.5°	19.7 20.5°	15.4 18.6°	14.2 14.6° 11.0
15 ft lb			63.1° 63.1°	51.8° 51.8°	43.1 45.2°	33.6 41.0°	32.0 32.3° 35.11°
3.0m t			33.0° 33.0°	24.9 25.8°	19.0 21.8°	15.0 19.2°	13.7 15.2° 11.1
10 ft lb			72.2° 72.2°	54.4 56.8°	41.5 48.0°	32.7 42.4°	30.7 33.5° 36.5°
1.5m t			32.7 35.7°	23.7 27.6°	18.3 22.8°	14.6 19.6°	13.5 16.1° 11.0
5 ft lb			71.6 78.3°	51.9 60.7°	40.0 50.2°	31.9 43.1°	30.3 35.6° 36.2°
0m t			31.7 36.6°	22.9 28.4°	17.8 23.2°	14.3 19.4°	13.9 17.7° 10.8
0 ft lb			69.2 80.3°	50.2 62.5°	38.9 51.1°	31.3 42.5°	31.1 39.0° 35.4°
-1.5m t		36.1° 36.1°	31.3 35.7°	22.6 28.1°	17.5 22.7°	14.8 19.0°	10.3
-5 ft lb		82.7° 82.7°	68.2 78.4°	49.3 61.6°	38.3 49.8°	33.2 42.5°	33.7°
-3.0m t	33.9° 33.9°	42.8° 42.8°	31.3 33.1°	22.5 26.2°	17.6 20.6°	16.7 19.0°	9.5
-10 ft lb	76.7° 76.7°	93.8° 93.8°	68.2 72.5°	49.2 57.2°	38.5 44.4°	37.4 42.4°	31°
-4.5m t	46.4° 46.4°	35.7° 35.7°	28.1° 28.1°	21.7° 21.7°		18.4° 18.4°	8.3
-15 ft lb	101.2° 101.2°	77.9° 77.9°	61.1° 61.1°	46.6° 46.6°		41.0° 41.0°	27.1°
-6.0m t							
-20 ft lb							

Stick 4.70 m / 15'5"

Under-carriage	3.0m 10 ft	4.5m 15 ft	6.0m 20 ft	7.5m 25 ft	9.0m 30 ft	10.5m 35 ft	ft in
10.5m t							12.5° 12.5° 8.9
35 ft lb							28.0° 28.0° 28.8°
9.0m t					15.7° 15.7°		11.6° 11.6° 10.1
30 ft lb					33.9° 33.9°		25.9° 25.9° 32.8°
7.5m t				16.3° 16.3°	13.9° 13.9°		11.1° 11.1° 10.9
25 ft lb				36.6° 36.6°	28.0° 28.0°		24.8° 24.8° 35.7°
6.0m t				17.3° 17.3°	15.3 16.3°		11.0° 11.0° 11.5
20 ft lb				38.6° 38.6°	33.4 34.8°		24.5° 24.5° 37.6°
4.5m t			25.1° 25.1°	21.1° 21.1°	18.7° 18.7°	14.9 17.1°	11.1° 11.1° 11.8
15 ft lb			55.2° 55.2°	46.7° 46.7°	41.5° 41.5°	32.6 38.2°	24.7° 24.7° 38.8°
3.0m t			29.8° 29.8°	23.7° 23.7°	18.3 20.2°	14.3 17.9°	11.5 11.5° 12.0
10 ft lb			65.5° 65.5°	52.5° 52.5°	40.3 44.8°	31.5 39.9°	25.5° 25.5° 39.2°
1.5m t			32.0 33.6°	23.0 26.0°	17.5 21.6°	13.8 18.0°	11.3 12.1° 11.9
5 ft lb			70.3 73.9°	50.5 57.5°	38.5 47.8°	30.5 39.5°	25.6 26.8° 39.1°
0m t			30.5 35.7°	21.9 27.5°	16.8 22.2°	13.4 17.6°	11.5 13.0° 11.6
0 ft lb			59.2° 59.2°	48.2 60.9°	37.1 48.6°	29.6 38.6°	25.9 29.0° 38.2°
-1.5m t	18.1° 18.1°	32.4° 32.4°	29.6 36.0°	21.3 28.0°	16.4 21.7°	13.1 17.3°	12.1 14.5° 11.2
-5 ft lb	40.9° 40.9°	74.3° 74.3°	65.0 79.5°	46.8 61.9°	36.1 47.5°	29.0 38.0°	27.2 32.3° 36.7°
-3.0m t	27.3° 27.3°	43.4° 43.4°	29.3 34.7°	21.0 27.2°	16.2 21.5°		13.2 16.9° 10.5
-10 ft lb	61.9° 61.9°	99.6° 99.6°	64.2 76.5°	46.1 60.0°	35.7 47.1°		29.9 37.7° 34.2°
-4.5m t	39.2° 39.2°	41.2° 41.2°	29.5 31.5°	21.1 24.7°	16.4 19.2°		15.4 17.3° 9.4
-15 ft lb	89.1° 89.1°	90.5° 90.5°	64.6 69.1°	46.3 54.1°	36.1 43.3°		34.9 39.0° 30.10°
-6.0m t	44.1° 44.1°	32.9° 32.9°	25.4° 25.4°	19.0° 19.0°			16.6° 16.6° 8.0
-20 ft lb	95.7° 95.7°	71.3° 71.3°	54.9° 54.9°	40.2° 40.2°			37.1° 37.1° 25.11°
10.5m t						12.5° 12.5°	12.4° 12.4° 8.9
35 ft lb							27.7° 27.7° 28.8°
9.0m t						15.8° 15.8°	11.5° 11.5° 10.1
30 ft lb						34.2° 34.2°	25.7° 25.7° 32.8°
7.5m t						16.4° 16.4°	14.2° 14.2° 11.1°
25 ft lb						36.7° 36.7°	28.9° 28.9° 35.7°
6.0m t				18.7° 18.7°	17.4° 17.4°	16.0 16.4°	11.0° 11.0° 11.5
20 ft lb				41.0° 41.0°	38.8° 38.8°	35.0 35.2°	24.5° 24.5° 37.6°
4.5m t			25.5° 25.5°	21.3° 21.3°	18.8° 18.8°	15.6 17.2°	11.1° 11.1° 11.8
15 ft lb			56.1° 56.1°	47.2° 47.2°	41.8° 41.8°	34.1 38.3°	24.8° 24.8° 38.8°
3.0m t			30.2° 30.2°	23.9° 23.9°	19.2 20.3°	15.1 18.0°	11.5° 11.5° 12.0
10 ft lb			66.4° 66.4°	52.9° 52.9°	42.1 45.1°	33.1 40.1°	25.6° 25.6° 39.2°
1.5m t			33.4 33.8°	24.0 26.2°	18.4 21.7°	14.6 18.8°	12.0 12.2° 11.9
5 ft lb			73.2 74.5°	52.7 57.9°	40.4 48.1°	32.0 41.6°	27.0° 27.0° 39.1°
0m t			26.0° 26.0°	31.9 35.8°	23.0 27.6°	17.7 22.6°	14.1 19.1° 11.6
0 ft lb			60.1° 60.1°	70.0 78.9°	50.6 61.0°	39.0 50.0°	31.2 42.4° 27.5 29.2° 38.2°
-1.5m t	18.8° 18.8°	33.2° 33.2°	31.1 36.0°	22.4 28.0°	17.3 22.7°	13.9 18.8°	12.9 14.7° 11.2
-5 ft lb	42.6° 42.6°	76.1° 76.1°	68.2 79.4°	49.2 61.8°	38.0 50.2°	30.6 41.4°	29.0 32.7° 36.7°
-3.0m t	28.2° 28.2°	44.6° 44.6°	30.9 34.5°	22.1 27.1°	17.1 21.8°		14.1 17.2° 10.5
-10 ft lb	63.9° 63.9°	101.4° 101.4°	67.6 76.0°	48.6 59.6°	37.7 47.8°		31.9 38.3° 34.2°
-4.5m t	40.5° 40.5°	40.6° 40.6°	31.1° 31.1°	22.3 24.4°	17.3 18.7°		16.6 17.3° 9.4
-15 ft lb	91.9° 91.9°	89.2° 89.2°	68.0 68.2°	48.9 53.3°	38.2 40.3°		37.5 38.9° 30.10°
-6.0m t	42.7° 42.7°	31.9° 31.9°	24.6° 24.6°	18.2° 18.2°			16.4° 16.4° 8.0
-20 ft lb		69.2° 69.2°	53.1° 53.1°	38.1° 38.1°			36.8° 36.8° 25.11°

 Height
  Can be slewed through 360°
  In longitudinal position of undercarriage
  Max. reach
 * Limited by hydr. capacity

The load values are quoted in tons (t) / lb x 1,000 at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 750 mm / 30" wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via *). Without bucket cylinder, link and lever the lift capacities will increase by 1,320 kg / 2,910 lb. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

Lift capacities

with mono boom 7.20 m / 23'7", counterweight 16.0 t / 35,270 lb and track pads 750 mm / 30"

Stick 2.90 m / 9'6"

Under-carriage	3.0m 10 ft	4.5m 15 ft	6.0m 20 ft	7.5m 25 ft	9.0m 30 ft	10.5m 35 ft		m	ft in
10.5m t								23.7*	23.7*
35 ft lb								6.4	
9.0m t				21.6* 21.6*				21.3*	21.3*
30 ft lb				48.6* 48.6*				47.3* 47.3*	25'8"
7.5m t				21.8* 21.8*	20.3* 20.3*			20.2*	20.2*
25 ft lb				48.3* 48.3*				44.7* 44.7*	29'4"
6.0m t			27.2* 27.2*	23.2* 23.2*	20.4 20.9*			18.0 19.9*	9.7
20 ft lb			59.8* 59.8*	51.2* 51.2*	44.5 46.6*			40.5 43.9*	31'8"
4.5m t			31.3* 31.3*	25.2* 25.2*	19.8 21.8*			16.4 20.2*	10.1
15 ft lb			68.6* 68.6*	55.5* 55.5*	43.3 48.3*			37.0 44.5*	33'1"
3.0m t			34.2 34.9*	24.9 27.1*	19.1 22.8*			15.7 20.2	10.3
10 ft lb			75.0 76.5*	54.5 59.7*	41.9 50.3*			35.2 45.1	33'8"
1.5m t			32.8 36.6*	23.9 28.4*	18.5 23.4*			15.5 20.1	10.2
5 ft lb			71.8 80.5*	52.4 62.5*	40.6 51.7*			34.8 44.8	33'6"
0m t			32.1 36.4*	23.3 28.6*	18.1 23.4*			16.0 20.7*	9.9
0 ft lb			70.2 80.2*	51.0 63.0*	39.8 51.4*			35.8 46.2	32'6"
-1.5m t		38.5* 38.5*	32.0 34.6*	23.1 27.6*	18.1 22.0*			17.3 20.7*	9.3
-5 ft lb		88.7* 88.7*	69.8 76.2*	50.5 60.6*	39.6 48.1*			38.7 46.5*	30'7"
-3.0m t	40.5* 40.5*	38.4* 38.4*	30.9* 30.9*	23.3 24.6*				19.9 20.4*	8.5
-10 ft lb	91.9* 91.9*	84.5* 84.5*	67.9* 67.9*	50.9 53.6*				44.8 45.6*	27'7"
-4.5m t		30.0* 30.0*	24.2* 24.2*					18.9* 18.9*	7.1
-15 ft lb		65.4* 65.4*	52.4* 52.4*					42.0* 42.0*	23'2"
-6.0m t									
-20 ft lb									
10.5m t								23.4*	23.4*
35 ft lb								6.4	
9.0m t				21.5* 21.5*				21.1*	21.1*
30 ft lb				48.3* 48.3*				47.0* 47.0*	25'8"
7.5m t				21.8* 21.8*	20.7* 20.7*			20.1*	20.1*
25 ft lb				48.5* 48.5*				44.6* 44.6*	29'4"
6.0m t			27.6* 27.6*	23.3* 23.3*	21.0* 21.0*			18.6 19.9*	9.7
20 ft lb			60.5* 60.5*	51.6* 51.6*	44.4 46.7*			41.9 43.9*	31'8"
4.5m t			31.7* 31.7*	25.4* 25.4*	20.6 21.9*			17.1 20.2*	10.1
15 ft lb			69.4* 69.4*	55.9* 55.9*	45.1 48.5*			38.5 44.6*	33'1"
3.0m t			35.1* 35.1*	25.9 27.3*	20.0 22.9*			16.4 20.4*	10.3
10 ft lb			77.0* 77.0*	56.7 60.0*	43.7 50.5*			36.8 45.8*	33'8"
1.5m t			34.2 36.7*	25.0 28.5*	19.4 23.5*			16.3 20.6*	10.2
5 ft lb			74.8 80.6*	54.7 62.7*	42.5 51.7*			36.6 46.1*	33'6"
0m t			33.6 36.3*	24.4 28.6*	19.0 23.3*			16.9 20.7*	9.9
0 ft lb			73.4 80.0*	53.4 63.0*	41.7 51.3*			37.8 46.4*	32'6"
-1.5m t		40.3* 40.3*	33.5 34.4*	24.2 27.4*	19.0 21.8*			18.3 20.7*	9.3
-5 ft lb		92.9* 92.9*	73.1 75.7*	53.0 60.2*	41.6 47.5*			41.0 46.4*	30'7"
-3.0m t	42.5* 42.5*	37.8* 37.8*	30.5* 30.5*	24.2* 24.2*				20.3* 20.3*	8.5
-10 ft lb	96.2* 96.2*	83.2* 83.2*	66.9* 66.9*	52.7* 52.7*				45.5* 45.5*	27'7"
-4.5m t		29.0* 29.0*	23.4* 23.4*					18.6* 18.6*	7.1
-15 ft lb		63.2* 63.2*	50.4* 50.4*					41.4* 41.4*	23'2"
-6.0m t									
-20 ft lb									

Stick 3.30 m / 10'10"

Under-carriage	3.0m 10 ft	4.5m 15 ft	6.0m 20 ft	7.5m 25 ft	9.0m 30 ft	10.5m 35 ft		m	ft in
10.5m t								20.1*	20.1*
35 ft lb								45.1* 45.1*	22'4"
9.0m t				20.3* 20.3*				18.2* 18.2*	8.4
30 ft lb				45.4* 45.4*				40.4* 40.4*	27'4"
7.5m t				20.7* 20.7*	19.7* 19.7*			17.3* 17.3*	9.4
25 ft lb				45.9* 45.9*	44.0* 44.0*			38.3* 38.3*	30'8"
6.0m t			25.9* 25.9*	22.3* 22.3*	20.1* 20.1*			16.9 17.1*	10.1
20 ft lb			56.8* 56.8*	49.1* 49.1*	44.7* 44.7*			37.7* 37.7*	33'
4.5m t			30.1* 30.1*	24.4* 24.4*	19.9 21.2*			15.6 17.3*	10.5
15 ft lb			65.9* 65.9*	53.7* 53.7*	43.5 46.8*			34.9 38.1*	34'4"
3.0m t			34.0* 34.0*	25.1 26.5*	19.2 22.3*	15.2 19.5		14.9 17.9*	10.6
10 ft lb			74.4* 74.4*	54.8 58.3*	42.0 49.2*			33.3 39.5*	34'11"
1.5m t			33.1 36.3*	24.0 28.1*	18.6 23.2*	14.9 19.2		14.7 19.0	10.6
5 ft lb			72.3 79.6*	52.6 61.7*	40.6 51.0*			32.9 42.1*	34'8"
0m t			32.2 36.6*	23.3 28.6*	18.1 23.4*			15.1 19.5	10.3
0 ft lb			70.4 80.5*	51.1 62.9*	39.6 51.4*			33.8 43.6	33'8"
-1.5m t		36.7* 36.7*	32.0 35.3*	23.0 27.9*	17.9 22.5*			16.2 20.0*	9.7
-5 ft lb		84.5* 84.5*	69.6 77.5*	50.3 61.3*	39.2 49.2*			36.2 44.6*	31'11"
-3.0m t	36.6* 36.6*	40.8* 40.8*	32.1 32.2*	23.1 25.5*				18.4 19.8*	8.9
-10 ft lb	82.8* 82.8*	89.6* 89.6*	69.9 70.5*	50.5 55.7*				41.2 44.2*	29'1"
-4.5m t		33.1* 33.1*	26.4* 26.4*	19.8* 19.8*				18.8* 18.8*	7.7
-15 ft lb		72.2* 72.2*	57.3* 57.3*					41.9* 41.9*	25'
-6.0m t									
-20 ft lb									
10.5m t								19.9*	19.9*
35 ft lb								44.5* 44.5*	22'4"
9.0m t				20.2* 20.2*				18.1* 18.1*	8.4
30 ft lb				45.3* 45.3*				40.1* 40.1*	27'4"
7.5m t				20.8* 20.8*	19.7* 19.7*			17.3* 17.3*	9.4
25 ft lb				46.1* 46.1*	43.9* 43.9*			38.2* 38.2*	30'8"
6.0m t			26.2* 26.2*	22.4* 22.4*	20.2* 20.2*			17.1* 17.1*	10.1
20 ft lb			57.5* 57.5*	49.5* 49.5*	44.9* 44.9*			37.7* 37.7*	33'
4.5m t			30.5* 30.5*	24.6* 24.6*	20.8 21.3*	16.2 17.3*		16.2 17.3*	10.5
15 ft lb			66.7* 66.7*	54.1* 54.1*	45.3 47.0*			36.4 38.2*	34'4"
3.0m t			34.3* 34.3*	26.1 26.7*	20.0 22.4*	15.9 19.7*		15.6 18.0*	10.6
10 ft lb			75.0* 75.0*	57.1 58.7*	43.8 49.4*			34.9 39.7*	34'11"
1.5m t			34.5 36.4*	25.1 28.2*	19.4 23.2*	15.6 19.8*		15.5 19.2*	10.6
5 ft lb			75.4 79.8*	54.9 61.9*	42.5 51.1*			34.6 42.4*	34'8"
0m t			33.7 36.6*	24.4 28.6*	19.0 23.3*			15.9 19.9*	10.3
0 ft lb			73.5 80.4*	53.4 62.9*	41.6 51.3*			35.6 44.4*	33'8"
-1.5m t		38.3* 38.3*	33.5 35.1*	24.2 27.8*	18.8 22.4*			17.2 20.0*	9.7
-5 ft lb		87.9* 87.9*	72.9 77.1*	52.8 61.0*	41.2 48.9*			38.3 44.6*	31'11"
-3.0m t	38.1* 38.1*	40.2* 40.2*	31.8* 31.8*	24.3 25.2*				19.6 19.8*	8.9
-10 ft lb	86.4* 86.4*	88.4* 88.4*	69.7* 69.7*	53.0 55.0*				43.9 44.2*	29'1"
-4.5m t		32.3* 32.3*	25.7* 25.7*	18.9* 18.9*				18.7* 18.7*	7.7
-15 ft lb		70.2* 70.2*	55.7* 55.7*					41.6* 41.6*	25'
-6.0m t									
-20 ft lb									

 Height  Can be slewed through 360°  In longitudinal position of undercarriage  Max. reach * Limited by hydr. capacity

The load values are quoted in tons (t) / lb x 1,000 at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 750 mm / 30" wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via *). Without bucket cylinder, link and lever the lift capacities will increase by 1,320 kg / 2,910 lb. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

Stick 3.80 m / 12'6"

Under-carriage	Height	3.0m 10 ft	4.5m 15 ft	6.0m 20 ft	7.5m 25 ft	9.0m 30 ft	10.5m 35 ft	Max. reach	m	ft in
10.5m t					18.2° 18.2°			16.7° 16.7°	7.7	
35 ft lb								37.4° 37.4°	24'8"	
9.0m t						15.7° 15.7°		15.3° 15.3°	9.0	
30 ft lb								34.0° 34.0°	29'4"	
7.5m t					19.4° 19.4°	18.5° 18.5°		14.6° 14.6°	10.0	
25 ft lb					43.0° 43.0°	41.2° 41.2°		32.4° 32.4°	32'6"	
6.0m t					21.1° 21.1°	19.2° 19.2°	15.6° 15.6°	14.4° 14.4°	10.6	
20 ft lb					46.5° 46.5°	42.5° 42.5°		31.9° 31.9°	34'7"	
4.5m t				28.4° 28.4°	23.3° 23.3°	20.1 20.4°	15.7 18.5°	14.5 14.6°	11.0	
15 ft lb				62.3° 62.3°	51.3° 51.3°	43.9 45.0°	34.2 40.3°	32.3° 32.3°	35'11"	
3.0m t				32.7° 32.7°	25.4 25.6°	19.3 21.6°	15.3 19.1°	13.9 15.1°	11.1	
10 ft lb				71.5° 71.5°	55.4 56.4°	42.3 47.8°	33.3 42.3°	31.2 33.4°	36'5"	
1.5m t				33.4 35.5°	24.2 27.5°	18.6 22.7°	14.9 19.2°	13.8 16.0°	11.0	
5 ft lb				73.1 78.0°	53.0 60.4°	40.8 50.0°	32.5 41.8°	30.8 35.4°	36'2"	
0m t				32.3 36.6°	23.4 28.4°	18.1 23.2°	14.6 18.9°	14.1 17.5°	10.8	
0 ft lb				70.6 80.3°	51.2 62.4°	39.6 51.1°	31.9 41.2°	31.5 38.7°	35'4"	
-1.5m t			34.9° 34.9°	31.9 35.8°	23.0 28.1°	17.8 22.8°		15.0 19.0°	10.3	
-5 ft lb			80.1° 80.1°	69.5 78.7°	50.2 61.8°	39.0 50.0°		33.5 42.5°	33'7"	
-3.0m t	32.7° 32.7°		43.2° 43.2°	31.9 33.4°	22.9 26.4°	17.8 20.9°		16.7 19.0°	9.5	
-10 ft lb	73.9° 73.9°		94.9° 94.9°	69.4 73.2°	50.0 57.8°	39.0 45.2°		37.5 42.5°	31'	
-4.5m t	47.5° 47.5°		36.5° 36.5°	28.6° 28.6°	22.3° 22.3°			18.5° 18.5°	8.3	
-15 ft lb	103.7° 103.7°		79.6° 79.6°	62.3° 62.3°	48.0° 48.0°			41.2° 41.2°	27'1"	
-6.0m t				19.5° 19.5°				17.0° 17.0°	6.5	
-20 ft lb								42.9° 42.9°	19'2"	
10.5m t					18.9° 18.9°			16.5° 16.5°	7.7	
35 ft lb					37.8° 37.8°			37.0° 37.0°	24'8"	
9.0m t						16.5° 16.5°		15.2° 15.2°	9.0	
30 ft lb								33.8° 33.8°	29'4"	
7.5m t					19.5° 19.5°	18.5° 18.5°		14.6° 14.6°	10.0	
25 ft lb					43.2° 43.2°	41.2° 41.2°		32.3° 32.3°	32'6"	
6.0m t					21.2° 21.2°	19.3° 19.3°	16.1° 16.1°	14.4° 14.4°	10.6	
20 ft lb					46.9° 46.9°	42.7° 42.7°		31.9° 31.9°	34'7"	
4.5m t				28.8° 28.8°	23.5° 23.5°	20.5° 20.5°	16.4 18.6°	14.6° 14.6°	11.0	
15 ft lb				63.1° 63.1°	51.8° 51.8°	45.2° 45.2°	35.7 41.0°	32.3° 32.3°	35'11"	
3.0m t				33.0° 33.0°	25.8° 25.8°	20.2 21.8°	16.0 19.2°	14.6 15.2°	11.1	
10 ft lb				72.2° 72.2°	56.8° 56.8°	44.1 48.0°	34.9 42.4°	32.7 33.5°	36'5"	
1.5m t				34.8 35.7°	25.3 27.6°	19.5 22.8°	15.6 19.6°	14.5 16.1°	11.0	
5 ft lb				76.1 78.3°	55.2 60.7°	42.6 50.2°	34.1 43.1°	32.4 35.6°	36'2"	
0m t				33.8 36.6°	24.5 28.4°	19.0 23.2°	15.3 19.4°	14.9 17.7°	10.8	
0 ft lb				73.8 80.3°	53.5 62.5°	41.5 51.1°	33.5 42.5°	33.2 39.0°	35'4"	
-1.5m t			36.1° 36.1°	33.4 35.7°	24.1 28.1°	18.7 22.7°		15.9 19.0°	10.3	
-5 ft lb			82.7° 82.7°	72.7 78.4°	52.6 61.6°	40.9 49.8°		35.5 42.5°	33'7"	
-3.0m t	33.9° 33.9°		42.8° 42.8°	33.1° 33.1°	24.1 26.2°	18.8 20.6°		17.8 19.0°	9.5	
-10 ft lb	76.7° 76.7°		93.8° 93.8°	72.5° 72.5°	52.5 57.2°	41.1 44.4°		39.9 42.4°	31'	
-4.5m t	46.4° 46.4°		35.7° 35.7°	28.1° 28.1°	21.7° 21.7°			18.4° 18.4°	8.3	
-15 ft lb	101.2° 101.2°		77.9° 77.9°	61.1° 61.1°	46.6° 46.6°			41.0° 41.0°	27'1"	
-6.0m t										
-20 ft lb										

Stick 4.70 m / 15'5"

Under-carriage	Height	3.0m 10 ft	4.5m 15 ft	6.0m 20 ft	7.5m 25 ft	9.0m 30 ft	10.5m 35 ft	Max. reach	m	ft in
10.5m t								12.5° 12.5°	8.9	
35 ft lb								28.0° 28.0°	28'8"	
9.0m t						15.7° 15.7°		11.6° 11.6°	10.1	
30 ft lb						33.9° 33.9°		25.9° 25.9°	32'8"	
7.5m t					16.3° 16.3°	13.9° 13.9°		11.1° 11.1°	10.9	
25 ft lb					36.6° 36.6°	28.0° 28.0°		24.8° 24.8°	35'7"	
6.0m t					17.3° 17.3°	16.3 16.3°		11.0° 11.0°	11.5	
20 ft lb					38.6° 38.6°	34.8° 34.8°		24.5° 24.5°	37'6"	
4.5m t				25.1° 25.1°	21.1° 21.1°	18.7° 18.7°	15.9 17.1°	11.1° 11.1°	11.8	
15 ft lb				55.2° 55.2°	46.7° 46.7°	41.5° 41.5°	34.7 38.2°	24.7° 24.7°	38'8"	
3.0m t				29.8° 29.8°	23.7° 23.7°	19.6 20.2°	15.3 17.9°	11.5° 11.5°	12.0	
10 ft lb				65.5° 65.5°	52.5° 52.5°	42.9 44.8°	33.7 39.9°	25.5° 25.5°	39'2"	
1.5m t				33.6° 33.6°	24.5 26.0°	18.7 21.6°	14.8 18.7°	12.1° 12.1°	11.9	
5 ft lb				73.9° 73.9°	53.8 57.5°	41.2 47.8°	32.6 41.5°	26.8° 26.8°	39'1"	
0m t				32.6 35.7°	23.5 27.5°	18.0 22.5°	14.4 18.7°	12.4 13.0°	11.6	
0 ft lb				59.2° 59.2°	71.4 78.7°	51.6 60.9°	31.7 41.0°	27.9 29.0°	38'2"	
-1.5m t	18.1° 18.1°		32.4° 32.4°	31.7 36.0°	22.8 28.0°	17.6 22.8°	14.2 18.5°	13.0 14.5°	11.2	
-5 ft lb	40.9° 40.9°		74.3° 74.3°	69.5 79.5°	50.1 61.9°	38.7 50.3°	31.2 40.4°	29.3 32.3°	36'7"	
-3.0m t	27.3° 27.3°		43.4° 43.4°	31.4 34.7°	22.5 27.2°	17.4 21.9°		14.2 16.9°	10.5	
-10 ft lb	61.9° 61.9°		99.6° 99.6°	68.8 76.5°	49.5 60.0°	38.3 48.2°		32.1 37.7°	34'2"	
-4.5m t	39.2° 39.2°		41.2° 41.2°	31.5° 31.5°	22.6 24.7°	17.6 19.2°		16.6 17.3°	9.4	
-15 ft lb	89.1° 89.1°		90.5° 90.5°	69.1° 69.1°	49.6 54.1°	38.7 43.3°		37.5 39.0°	30'10"	
-6.0m t	44.1° 44.1°		32.9° 32.9°	25.4° 25.4°	19.0° 19.0°			16.6° 16.6°	8.0	
-20 ft lb	95.7° 95.7°		71.3° 71.3°	54.9° 54.9°	40.2° 40.2°			37.1° 37.1°	25'11"	
10.5m t								12.5° 12.5°		
35 ft lb								27.7° 27.7°	28'8"	
9.0m t						15.8° 15.8°		11.5° 11.5°	10.1	
30 ft lb						34.2° 34.2°		25.7° 25.7°	32'8"	
7.5m t						16.4° 16.4°	14.2° 14.2°	11.1° 11.1°	10.9	
25 ft lb						36.7° 36.7°	28.9° 28.9°	24.8° 24.8°	35'7"	
6.0m t					18.7° 18.7°	17.4° 17.4°	16.4° 16.4°	11.0° 11.0°	11.5	
20 ft lb					41.0° 41.0°	38.8° 38.8°	35.2° 35.2°	24.5° 24.5°	37'6"	
4.5m t				25.5° 25.5°	21.3° 21.3°	18.8° 18.8°	16.6 17.2°	11.1° 11.1°	11.8	
15 ft lb				56.1° 56.1°	47.2° 47.2°	41.8° 41.8°	36.3 38.3°	24.8° 24.8°	38'8"	
3.0m t				30.2° 30.2°	23.9° 23.9°	20.3° 20.3°	16.0 18.0°	11.5° 11.5°	12.0	
10 ft lb				66.4° 66.4°	52.9° 52.9°	44.7 45.1°	35.2 40.1°	25.6° 25.6°	39'2"	
1.5m t				33.8° 33.8°	25.5 26.2°	19.6 21.7°	15.5 18.8°	12.2° 12.2°	11.9	
5 ft lb				74.5° 74.5°	56.0 57.9°	43.0 48.1°	34.2 41.6°	27.0° 27.0°	39'1"	
0m t				26.0° 26.0°	34.0 35.8°	24.5 27.6°	18.9 22.6°	15.1 19.1°	11.6	
0 ft lb				60.1° 60.1°	74.5 78.9°	53.9 61.0°	41.6 50.0°	33.3 42.4°	29'2°	
-1.5m t	18.8° 18.8°		33.2° 33.2°	33.2 36.0°	23.9 28.0°	18.5 22.7°	14.9 18.8°	13.8 14.7°	11.2	
-5 ft lb	42.6° 42.6°		76.1° 76.1°	72.7 79.4°	52.5 61.8°	40.6 50.2°	32.8 41.4°	31.0 32.7°	36'7"	
-3.0m t	28.2° 28.2°		44.6° 44.6°	33.0 34.5°	23.7 27.1°	18.3 21.8°		15.2 17.2°	10.5	
-10 ft lb	63.9° 63.9°		101.4° 101.4°	72.1 76.0°	51.9 59.6°	40.3 47.8°		34.2 38.3°	34'2"	
-4.5m t	40.5° 40.5°		40.6° 40.6°	31.1° 31.1°	23.8 24.4°	18.6 18.7°		17.3° 17.3°	9.4	
-15 ft lb	91.9° 91.9°		89.2° 89.2°	68.2° 68.2°	52.2 53.3°	40.3° 40.3°		38.9° 38.9°	30'10"	
-6.0m t	42.7° 42.7°		31.9° 31.9°	24.6° 24.6°	18.2° 18.2°			16.4° 16.4°	8.0	
-20 ft lb			69.2° 69.2°	53.1° 53.1°	38.1° 38.1°			36.8° 36.8°	25'11"	

 Height
  Can be slewed through 360°
  In longitudinal position of undercarriage
  Max. reach
 * Limited by hydr. capacity

The load values are quoted in tons (t) / lb x 1,000 at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 750 mm / 30" wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via *). Without bucket cylinder, link and lever the lift capacities will increase by 1,320 kg / 2,910 lb. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

Lift capacities

with mono boom 8.60 m / 28'3", counterweight 14.1 t / 31,090 lb and track pads 750 mm / 30"

Stick 3.30 m / 10'10"

Under-carriage		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		13.5 m 45 ft				m ft in
																				
HD	12.0 m t																			
	40 ft lb																			
	10.5 m t									16.3*	16.3*							16.4*	16.4*	9.1
	35 ft lb																	36.6*	36.6*	29'5"
	9.0 m t									15.9*	15.9*							15.5	15.8*	10.3
	30 ft lb									35.1*	35.1*							34.9	35.2*	33'5"
	7.5 m t							18.3*	18.3*	16.5*	16.5*	14.9	15.6*					13.3	15.5*	11.1
	25 ft lb							39.8*	39.8*	36.2*	36.2*	31.9	34.5*					29.8	34.5*	36'2"
	6.0 m t							20.4*	20.4*	17.6*	17.6*	14.5	16.0*					12.0	15.5*	11.6
	20 ft lb							44.3*	44.3*	38.5*	38.5*	31.2	35.2*					26.7	34.4*	38'1"
	4.5 m t							22.8*	22.8*	17.6	19.0*	13.9	16.7*					11.1	14.6	12.0
	15 ft lb							49.5*	49.5*	38.2	41.5*	30.2	36.7*					24.8	32.4	39'4"
	3.0 m t							21.5	24.9*	16.7	20.3*	13.4	17.5*	10.9	14.3			10.7	14.0	12.1
	10 ft lb							46.7	54.1*	36.3	44.3*	29.0	38.0					23.7	31.1	39'10"
	1.5 m t							20.5	26.3*	16.0	21.3*	12.9	17.1	10.6	14.0			10.5	13.9	12.1
	5 ft lb							44.5	57.2*	34.8	46.2	28.0	37.0					23.4	30.9	39'7"
	0 m t							19.9	26.7*	15.5	20.8	12.6	16.7					10.7	14.2	11.8
	0 ft lb							43.3	58.4*	33.8	45.1	27.4	36.3					23.8	31.5	38'10"
	-1.5 m t					27.6	31.7*	19.7	26.3*	15.3	20.6	12.4	16.6					11.3	15.0	11.4
	-5 ft lb					59.8	71.8*	42.8	57.6*	33.3	44.6	27.1	36.0					25.1	33.3	37'2"
	-3.0 m t			27.4*	27.4*	27.9	30.7*	19.8	25.1*	15.3	20.6	12.6	16.7					12.4	16.3*	10.7
	-10 ft lb			63.2*	63.2*	60.4	67.4*	43.0	54.9*	33.4	44.7							27.7	36.3*	34'11"
	-4.5 m t			33.3*	33.3*	27.6*	27.6*	20.2	22.7*	15.7	18.3*							14.5	16.1*	9.7
	-15 ft lb			73.1*	73.1*	60.4*	60.4*	43.9	49.5*	34.3	39.5*							32.5	35.9*	31'6"
	-6.0 m t			26.9*	26.9*	22.6*	22.6*	18.1*	18.1*									15.2*	15.2*	8.3
	-20 ft lb			58.7*	58.7*	48.9*	48.9*	38.6*	38.6*									33.8*	33.8*	26'8"
	-7.5 m t																			
	-25 ft lb																			
	-9.0 m t																			
	-30 ft lb																			
LC-V	12.0 m t																			
	40 ft lb																			
	10.5 m t									16.2*	16.2*							16.4*	16.4*	9.1
	35 ft lb																	36.5*	36.5*	29'5"
	9.0 m t									15.9*	15.9*							15.8*	15.8*	10.3
	30 ft lb									35.2*	35.2*							35.1*	35.1*	33'5"
	7.5 m t							18.5*	18.5*	16.6*	16.6*	15.6*	15.6*					13.9	15.5*	11.1
	25 ft lb							40.2*	40.2*	36.4*	36.4*	33.5	34.5*					31.1	34.5*	36'2"
	6.0 m t							20.6*	20.6*	17.8*	17.8*	15.2	16.1*					12.6	15.5*	11.6
	20 ft lb							44.7*	44.7*	38.8*	38.8*	32.8	35.4*					28.0	34.4*	38'1"
	4.5 m t							23.0*	23.0*	18.5	19.1*	14.6	16.8*	11.7	15.5*			11.7	15.5*	12.0
	15 ft lb							49.9*	49.9*	40.0	41.7*	31.7	36.9*					26.1	34.5*	39'4"
	3.0 m t							22.6	25.0*	17.6	20.4*	14.1	17.6*	11.5	15.8*			11.3	15.6*	12.1
	10 ft lb							49.0	54.5*	38.1	44.5*	30.6	38.5*					25.1	34.8*	39'10"
	1.5 m t							21.6	26.3*	16.9	21.3*	13.6	18.1*	11.3	15.9*			11.2	15.8*	12.1
	5 ft lb							46.9	57.4*	36.7	46.6*	29.6	39.7*					24.9	35.2*	39'7"
	0 m t							21.0	26.7*	16.4	21.8*	13.3	18.4*					11.4	16.0*	11.8
	0 ft lb							45.7	58.4*	35.7	47.6*	29.0	40.2*					25.4	35.7*	38'10"
	-1.5 m t					29.2	32.6*	20.9	26.3*	16.2	21.6*	13.2	18.0*					12.0	16.2*	11.4
	-5 ft lb					63.2	71.5*	45.3	57.5*	35.3	47.2*	28.8	39.4*					26.8	36.2*	37'2"
	-3.0 m t			28.9*	28.9*	29.4	30.5*	21.0	24.9*	16.3	20.5*	13.4	16.6*					13.3	16.3*	10.7
	-10 ft lb			66.5*	66.5*	63.8	66.9*	45.6	54.6*	35.4	44.8*							29.7	36.3*	34'11"
	-4.5 m t			32.8*	32.8*	27.3*	27.3*	21.4	22.4*	16.7	18.0*							15.6	16.1*	9.7
	-15 ft lb			72.1*	72.1*	59.6*	59.6*	46.5	48.8*	36.5	38.8*							34.9	35.8*	31'6"
	-6.0 m t			26.2*	26.2*	22.0*	22.0*	17.5*	17.5*									15.1*	15.1*	8.3
	-20 ft lb			57.1*	57.1*	47.5*	47.5*	37.0*	37.0*									33.4*	33.4*	26'8"
	-7.5 m t																			
	-25 ft lb																			
	-9.0 m t																			
	-30 ft lb																			

 Height  Can be slewed through 360°  In longitudinal position of undercarriage  Max. reach * Limited by hydr. capacity

The load values are quoted in tons (t) / lb x 1,000 at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 750 mm / 30" wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via *). Without bucket cylinder, link and lever the lift capacities will increase by 1,320 kg / 2,910 lb. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

Stick 3.80 m / 12'6"

Under-carriage		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		13.5 m 45 ft				m ft in
																				
HD	12.0m t																	16.3*	16.3*	8.3
	40 ft lb																			
	10.5m t									15.0*	15.0*							15.3*	15.3*	9.8
	35 ft lb									33.5*	33.5*							34.0*	34.0*	31'6"
	9.0m t									15.0*	15.0*	14.7*	14.7*					14.2	14.8*	10.8
	30 ft lb									32.9*	32.9*	32.5	32.8*					32.0	32.9*	35'4"
	7.5m t									15.7*	15.7*	14.8*	14.8*					12.4	14.6*	11.6
	25 ft lb									34.3*	34.3*	32.4	32.6*					27.7	32.3*	37'11"
	6.0m t							19.4*	19.4*	16.9*	16.9*	14.6	15.3*	11.5	14.6*			11.2	14.5*	12.1
	20 ft lb							42.0*	42.0*	36.8*	36.8*	31.5	33.7*					25.0	31.9*	39'10"
	4.5m t							21.8*	21.8*	17.9	18.3*	14.0	16.2*	11.2	14.7			10.4	13.7	12.5
	15 ft lb							47.4*	47.4*	38.6	39.9*	30.4	35.4*	24.2	31.6			23.2	30.4	40'11"
	3.0m t							21.8	24.1*	16.9	19.7*	13.4	17.0*	10.9	14.3			10.0	13.2	12.6
	10 ft lb							47.4	52.4*	36.6	43.0*	29.1	37.2*	23.6	30.9			22.3	29.3	41'4"
	1.5m t							20.7	25.7*	16.1	20.8*	12.9	17.1	10.6	14.0			9.9	13.1	12.5
	5 ft lb							44.9	56.0*	34.9	45.5*	28.0	37.0	23.0	30.3			22.0	29.0	41'2"
	0m t							19.9	26.5*	15.5	20.8	12.5	16.7	10.4	13.8			10.0	13.3	12.3
	0 ft lb							43.3	57.8*	33.7	45.1	27.2	36.2	22.6	29.9			22.3	29.5	40'5"
LC-V	-1.5m t					27.4	31.2*	19.6	26.4*	15.2	20.5	12.3	16.5					10.5	13.9	11.9
	-5 ft lb					59.3	73.0*	42.6	57.8*	33.1	44.4	26.8	35.7					23.4	31.0	38'11"
	-3.0m t			25.7*	25.7*	27.5	31.6*	19.6	25.5*	15.1	20.4	12.3	16.5					11.4	15.2	11.2
	-10 ft lb			59.0*	59.0*	59.7	69.3*	42.6	55.8*	33.0	44.3	26.9	35.8					25.5	33.8	36'7"
	-4.5m t	29.5*	29.5*	35.8*	35.8*	28.0	28.9*	19.9	23.5*	15.4	19.2*							13.1	15.5*	10.3
	-15 ft lb	67.1*	67.1*	78.6*	78.6*	60.7	63.2*	43.2	51.3*	33.6	41.7*							29.4	34.6*	33'6"
	-6.0m t			30.0*	30.0*	24.5*	24.5*	19.9*	19.9*									15.0*	15.0*	9.0
	-20 ft lb			65.4*	65.4*	53.3*	53.3*	42.8*	42.8*									33.4*	33.4*	29'
	-7.5m t																			
	-25 ft lb																			
	-9.0m t																			
	-30 ft lb																			
	12.0m t																	16.1*	16.1*	8.3
	40 ft lb																			
	10.5m t									15.0*	15.0*							15.2*	15.2*	9.8
	35 ft lb									33.3*	33.3*							33.9*	33.9*	31'6"
	9.0m t									15.0*	15.0*	14.6*	14.6*					14.8*	14.8*	10.8
	30 ft lb									33.0*	33.0*	32.7*	32.7*					32.8*	32.8*	35'4"
	7.5m t									15.8*	15.8*	14.8*	14.8*					12.9	14.6*	11.6
	25 ft lb									34.5*	34.5*	32.6*	32.6*					28.9	32.3*	37'11"
	6.0m t							19.6*	19.6*	17.0*	17.0*	15.3	15.4*	12.1	14.6*			11.8	14.5*	12.1
	20 ft lb							42.5*	42.5*	37.1*	37.1*	33.1	33.8*					26.2	31.9*	39'10"
	4.5m t							22.0*	22.0*	18.4*	18.4*	14.8	16.2*	11.8	14.9*			11.0	14.6*	12.5
	15 ft lb							47.8*	47.8*	40.2*	40.2*	31.9	35.6*	25.6	32.8*			24.5	32.2*	40'11"
	3.0m t							22.9	24.3*	17.7	19.8*	14.2	17.1*	11.5	15.3*			10.6	14.8*	12.6
	10 ft lb							49.6	52.8*	38.4	43.2*	30.7	37.4*	24.9	33.6*			23.6	32.9*	41'4"
	1.5m t							21.7	25.8*	16.9	20.9*	13.6	17.8*	11.2	15.6*			10.5	15.0*	12.5
	5 ft lb							47.2	56.3*	36.8	45.7*	29.6	38.9*	24.3	34.3*			23.3	33.3*	41'2"
	0m t							21.1	26.5*	16.4	21.5*	13.3	18.2*	11.0	15.7*			10.7	15.2*	12.3
	0 ft lb							45.7	57.9*	35.6	47.1*	28.8	39.7*	24.0	34.2*			23.8	33.9*	40'5"
	-1.5m t					28.9	32.3*	20.8	26.4*	16.1	21.6*	13.1	18.1*					11.2	15.4*	11.9
	-5 ft lb					62.7	72.8*	45.1	57.7*	35.0	47.1*	28.5	39.5*					25.0	34.3*	38'11"
	-3.0m t			26.9*	26.9*	29.1	31.5*	20.8	25.4*	16.1	20.8*	13.1	17.2*					12.2	15.5*	11.2
	-10 ft lb			61.6*	61.6*	63.1	68.9*	45.1	55.5*	35.0	45.5*	28.6	37.3*					27.3	34.7*	36'7"
	-4.5m t	30.7*	30.7*	35.4*	35.4*	28.6*	28.6*	21.1	23.3*	16.3	19.0*							14.1	15.5*	10.3
	-15 ft lb	69.7*	69.7*	77.6*	77.6*	62.5*	62.5*	45.8	50.8*	35.6	41.1*							31.6	34.6*	33'6"
	-6.0m t			29.4*	29.4*	24.0*	24.0*	19.4*	19.4*									14.9*	14.9*	9.0
	-20 ft lb			63.9*	63.9*	52.2*	52.2*	41.8*	41.8*									33.2*	33.2*	29'
	-7.5m t																			
	-25 ft lb																			
	-9.0m t																			
	-30 ft lb																			

 Height  Can be slewed through 360°  In longitudinal position of undercarriage  Max. reach * Limited by hydr. capacity

The load values are quoted in tons (t) / lb x 1,000 at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 750 mm / 30" wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via *). Without bucket cylinder, link and lever the lift capacities will increase by 1,320 kg / 2,910 lb. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

Lift capacities

with mono boom 8.60 m / 28'3", counterweight 14.1 t / 31,090 lb and track pads 750 mm / 30"

Stick 4.70 m / 15'5"

Under-carriage	 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		 13.5 m 45 ft				m ft in
																			
HD	12.0 m t																13.2*	13.2*	9.5
	40 ft lb																29,7*	29,7*	30'7"
	10.5 m t										13.2*	13.2*					12.1*	12.1*	10.9
	35 ft lb										28,1*	28,1*					27,0*	27,0*	35'2"
	9.0 m t										12.9*	12.9*					11.4*	11.4*	11.8
	30 ft lb										28,8*	28,8*					25,5*	25,5*	38'7"
	7.5 m t										13.3*	13.3*	11.9	12.9*			10.8	11.1*	12.5
	25 ft lb										29,4*	29,4*	25,7	28,9*			24,3	24,8*	41'
	6.0 m t										15.3*	15.3*	14.0*	14.0*	11.7	13.2*	9.8	11.0*	13.0
	20 ft lb										33,6*	33,6*	30,9*	30,9*	25,3	29,4*	22,1	24,5*	42'8"
	4.5 m t						19.8*	19.8*			16.8*	16.8*	14.2	14.9*	11.3	13.7*	9.2	11.1*	13.3
	15 ft lb						43,3*	43,3*			36,9*	36,9*	30,8	32,9*	24,6	30,4*	20,7	24,7*	43'8"
	3.0 m t						22.3*	22.3*			17.1	18.4*	13.5	15.9*	10.9	14.3*	8.8	11.4*	13.5
	10 ft lb						48,7	48,9*			37,3	40,4*	29,5	35,1*	23,7	31,1	19,9	25,2*	44'2"
	1.5 m t						20.9	24.4*			16.2	19.8*	12.9	16.8*	10.5	13.9	8.7	11.6	13.4
	5 ft lb						45,7	53,4*			35,3	43,4*	28,2	37,1*	22,9	30,3	19,6	26,0	44'
	0 m t						20.0	25.7*			15.5	20.7*	12.4	16.6	10.2	13.6	8.8	11.8	13.2
	0 ft lb						43,6	56,3*			33,8	45,2	27,1	36,1	22,3	29,6	19,8	26,3	43'4"
	-1.5 m t					27.0	30.3*				19.4	26.1*	15.0	20.3	12.1	16.2	9.1	12.2	12.8
	-5 ft lb					58,9	70,7*				42,4	57,4*	32,8	44,2	26,4	35,3	21,9	29,2	41'11"
LC-V	-3.0 m t																9.8	13.2	12.2
	-10 ft lb																22,1	29,5	39'10"
	-4.5 m t	24.2*	24.2*	22.8*	22.8*	26.9	32.6*	19.2	25.7*	14.8	20.1	11.9	16.1	10.0	13.4		11.0	14.2*	11.3
	-15 ft lb	55,0*	55,0*	52,4*	52,4*	58,7	71,7*	42,0	56,6*	32,4	43,7	26,2	35,1				24,9	32,0*	36'11"
	-6.0 m t	35.2*	35.2*	34.5*	34.5*	27.2*	27.2*	19.7	21.9*	15.2	17.6*						13.1	14.1*	10.1
	-20 ft lb	80,3*	80,3*	75,7*	75,7*	59,6*	59,6*	43,2	47,9*	33,5	38,2*						29,8	31,7*	33'
	-7.5 m t			27.2*	27.2*	21.7*	21.7*	17.1*	17.1*								13.3*	13.3*	8.6
	-25 ft lb			58,9*	58,9*	47,0*	47,0*	36,3*	36,3*								29,8*	29,8*	27'7"
	-9.0 m t																		
	-30 ft lb																		
	12.0 m t																13.1*	13.1*	9.5
	40 ft lb																29,4*	29,4*	30'7"
	10.5 m t										13.1*	13.1*					12.0*	12.0*	10.9
	35 ft lb										29,5*	29,5*					26,8*	26,8*	35'2"
	9.0 m t										12.9*	12.9*					11.4*	11.4*	11.8
	30 ft lb										28,8*	28,8*					25,4*	25,4*	38'7"
	7.5 m t										13.3*	13.3*	12.6	12.9*			11.1*	11.1*	12.5
	25 ft lb										29,5*	29,5*	27,1	28,9*			24,7*	24,7*	41'
	6.0 m t						17.5*	17.5*			15.4*	15.4*	14.1*	14.1*	12.3	13.2*	10.4	11.0*	13.0
	20 ft lb						38,2*	38,2*			33,9*	33,9*	31,1*	31,1*	26,6	29,4*	23,3	24,5*	42'8"
	4.5 m t						20.1*	20.1*			17.0*	17.0*	14.9	15.0*	11.9	13.8*	9.7	11.1*	13.3
	15 ft lb						43,8*	43,8*			37,2*	37,2*	32,4	33,1*	25,9	30,5*	21,9	24,7*	43'8"
	3.0 m t						22.6*	22.6*			17.9	18.5*	14.2	16.0*	11.5	14.3*	9.4	11.4*	13.5
	10 ft lb						49,3*	49,3*			39,1	40,7*	31,0	35,3*	25,1	31,7*	21,1	25,3*	44'2"
	1.5 m t						22.0	24.5*			17.0	19.9*	13.6	16.9*	11.1	14.9*	9.3	11.9*	13.4
	5 ft lb						48,0	53,7*			37,1	43,6*	29,7	37,2*	24,3	32,9*	20,8	26,4*	44'
	0 m t						21.1	25.7*			16.3	20.8*	13.1	17.5*	10.8	15.2*	9.4	12.6*	13.2
	0 ft lb						46,0	56,5*			35,7	45,7*	28,7	38,6*	23,6	33,5*	21,1	28,0*	43'4"
	-1.5 m t					28.5	31.0*	20.5	26.1*	15.9	21.2*	12.8	17.8*	10.6	15.2*		9.8	13.7*	12.8
	-5 ft lb					62,2	72,3*	44,9	57,4*	34,8	46,6*	28,1	39,1*	23,3	33,3*		22,0	30,4*	41'11"
	-3.0 m t			23.7*	23.7*	28.5	32.4*	20.3	25.7*	15.7	20.9*	12.7	17.4*	10.6	14.4*		10.5	14.1*	12.2
	-10 ft lb			54,2*	54,2*	62,1	71,4*	44,5	56,4*	34,4	46,0*	27,8	38,3*				23,7	31,8*	39'10"
	-4.5 m t	25.0*	25.0*	34.5*	34.5*	28.8	30.3*	20.5	24.3*	15.8	19.8*	12.8	16.2*				11.8	14.2*	11.3
	-15 ft lb	56,9*	56,9*	79,2*	79,2*	62,8	66,7*	44,8	53,3*	34,6	43,5*	28,2	35,2*				26,8	32,0*	36'11"
	-6.0 m t	36.4*	36.4*	34.0*	34.0*	26.8*	26.8*	20.9	21.6*	16.2	17.3*						14.1*	14.1*	10.1
	-20 ft lb	82,9*	82,9*	74,5*	74,5*	58,8*	58,8*	45,8	47,2*	35,6	37,4*						31,6*	31,6*	33'
	-7.5 m t			26.3*	26.3*	21.1*	21.1*	16.4*	16.4*								13.2*	13.2*	8.6
	-25 ft lb			57,0*	57,0*	45,5*	45,5*	34,8*	34,8*								29,5*	29,5*	27'7"
	-9.0 m t																		
	-30 ft lb																		

 Height  Can be slewed through 360°  In longitudinal position of undercarriage  Max. reach * Limited by hydr. capacity

The load values are quoted in tons (t) / lb x 1,000 at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 750 mm / 30" wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via *). Without bucket cylinder, link and lever the lift capacities will increase by 1,320 kg / 2,910 lb. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

Stick 5.80 m / 19'

	Under-carriage	3.0m 10ft		4.5m 15ft		6.0m 20ft		7.5m 25ft		9.0m 30ft		10.5m 35ft		12.0m 40ft		13.5m 45ft				m ft in	
																					
HD	12.0m t											11.8*	11.8*					9.9*	9.9*	11.0	
	40ft lb											23.8*	23.8*					22.1*	22.1*	35'6"	
	10.5m t													10.1*	10.1*			9.2*	9.2*	12.2	
	35ft lb																	20.4*	20.4*	39'6"	
	9.0m t													11.6*	11.6*			8.8*	8.8*	13.0	
	30ft lb													25.6*	25.6*			19.5*	19.5*	42'6"	
	7.5m t											12.1*	12.1*	11.8*	11.8*	9.8*	9.8*	8.6*	8.6*	13.7	
	25ft lb											26.4*	26.4*	25.9*	25.9*			19.0*	19.0*	44'8"	
	6.0m t											12.9*	12.9*	12.3*	12.3*	9.9	11.8*	8.5*	8.5*	14.1	
	20ft lb											28.2*	28.2*	26.6	26.9*	21.1	24.1*	18.8*	18.8*	46'4"	
	4.5m t						18.0*	18.0*	15.6*	15.6*		14.0*	14.0*	12.0	13.0*	9.7	12.3*	8.4	8.6*	14.4	
	15ft lb						38.7*	38.7*	33.8*	33.8*		30.5*	30.5*	25.7	28.3*	20.6	26.9	18.6	18.9*	47'2"	
	3.0m t						20.8*	20.8*	17.4*	17.4*		14.3	15.2*	11.5	13.7*	9.4	12.3	8.1	8.8*	14.5	
	10ft lb						44.9*	44.9*	37.7*	37.7*		30.7	33.1*	24.7	29.9*	20.0	26.3	17.9	19.3*	47'7"	
	1.5m t						22.3	23.3*	17.1	19.0*		13.6	16.3*	11.0	14.5*	9.1	12.0	8.0	9.1*	14.5	
	5ft lb						48.0	50.5*	36.8	41.3*		29.2	35.5*	23.7	31.1	19.5	25.7	17.6	20.0*	47'6"	
	0m t						21.0	25.2*	16.2	20.4*		13.0	17.2	10.6	14.1	8.8	11.7	8.0	9.6*	14.3	
	0ft lb						45.3	54.6*	35.0	44.2*		28.0	36.9	22.8	30.2	18.9	25.2	17.8	21.1*	46'10"	
-1.5m t					27.9	30.2*	20.2	26.3*	15.6	20.9	12.5	16.7	10.3	13.7	8.6	11.5	8.3	10.3*	13.9		
-5ft lb					60.1	70.2*	43.5	57.0*	33.6	45.0	27.0	35.9	22.2	29.5	18.6	24.8	18.3	22.7*	45'6"		
-3.0m t			20.4*	20.4*	27.5	34.1*	19.7	26.5*	15.2	20.5	12.2	16.4	10.1	13.5			8.8	11.3*	13.3		
-10ft lb			46.5*	46.5*	59.2	74.0*	42.5	57.6*	32.8	44.1	26.4	35.3	21.9	29.2			19.4	24.9*	43'8"		
-4.5m t		19.9*	19.9*	27.8*	27.8*	27.5	32.9*	19.6	25.9*	15.1	20.4	12.1	16.3	10.1	13.5			9.6	12.7*	12.6	
-15ft lb		45.0*	45.0*	63.5*	63.5*	59.2	71.5*	42.2	56.3*	32.5	43.8	26.2	35.1	22.0	29.3			21.3	28.3*	41'1"	
-6.0m t		27.7*	27.7*	37.9*	37.9*	27.8	30.6*	19.7	24.4*	15.2	19.8*	12.3	16.2*					11.0	13.5*	11.5	
-20ft lb		62.9*	62.9*	86.8*	86.8*	59.9	66.3*	42.6	52.7*	32.8	42.8*	26.7	34.6*					24.5	29.9*	37'7"	
-7.5m t		38.2*	38.2*	34.4*	34.4*	26.7*	26.7*	20.2	21.3*	15.6	17.0*							13.3*	13.3*	10.2	
-25ft lb		87.3*	87.3*	74.0*	74.0*	57.4*	57.4*	43.8	45.7*	34.0	35.9*							29.4*	29.4*	32'11"	
-9.0m t				25.7*	25.7*	20.1*	20.1*	15.3*	15.3*									12.3*	12.3*	8.3	
-30ft lb				54.0*	54.0*	42.1*	42.1*	31.1*	31.1*									27.1*	27.1*	26'6"	
LC-V	12.0m t											24.7*	24.7*					9.8*	9.8*	11.0	
	40ft lb																	21.9*	21.9*	35'6"	
	10.5m t													10.5*	10.5*			9.2*	9.2*	12.2	
	35ft lb																	20.3*	20.3*	39'6"	
	9.0m t													11.6*	11.6*			8.8*	8.8*	13.0	
	30ft lb													25.6*	25.6*			19.4*	19.4*	42'6"	
	7.5m t											12.1*	12.1*	11.8*	11.8*	10.0*	10.0*	8.6*	8.6*	13.7	
	25ft lb											26.5*	26.5*	26.0*	26.0*			18.9*	18.9*	44'8"	
	6.0m t											13.0*	13.0*	12.4*	12.4*	10.4	11.9*	8.5*	8.5*	14.1	
	20ft lb											28.4*	28.4*	27.0*	27.0*	22.3	24.4*	18.8*	18.8*	46'4"	
	4.5m t						18.2*	18.2*	15.7*	15.7*		14.1*	14.1*	12.6	13.0*	10.2	12.3*	8.6*	8.6*	14.4	
	15ft lb						39.3*	39.3*	34.1*	34.1*		30.7*	30.7*	27.0	28.5*	21.8	27.0*	18.9*	18.9*	47'2"	
	3.0m t						21.0*	21.0*	17.5*	17.5*		15.0	15.3*	12.1	13.8*	9.9	12.8*	8.6	8.8*	14.5	
	10ft lb						45.4*	45.4*	38.0*	38.0*		32.2	33.3*	26.0	30.1*	21.2	27.9*	19.1	19.4*	47'7"	
	1.5m t						23.3	23.5*	18.0	19.2*		14.3	16.4*	11.7	14.5*	9.6	13.2*	8.5	9.1*	14.5	
	5ft lb						50.2	50.9*	38.6	41.6*		30.8	35.7*	25.0	31.7*	20.6	28.7*	18.8	20.1*	47'6"	
	0m t						22.1	25.3*	17.1	20.5*		13.7	17.3*	11.3	15.1*	9.4	13.5*	8.6	9.6*	14.3	
	0ft lb						47.6	54.9*	36.8	44.4*		29.5	37.6*	24.2	32.9*	20.2	29.3*	19.0	21.2*	46'10"	
	-1.5m t					29.4	30.5*	21.3	26.3*	16.5	21.3*	13.3	17.9*	10.9	15.4*	9.2	13.4*	8.9	10.3*	13.9	
	-5ft lb					63.4	71.0*	45.9	57.1*	35.5	46.3*	28.6	38.9*	23.6	33.6*	19.9	26.2*	19.6	22.8*	45'6"	
	-3.0m t		14.1*	14.1*	21.0*	21.0*	29.0	34.0*	20.9	26.5*	16.1	21.5*	13.0	18.0*	10.8	15.4*			9.4	11.4*	13.3
	-10ft lb		31.8*	31.8*	47.8*	47.8*	62.5	73.9*	45.0	57.6*	34.8	46.8*	28.0	39.2*	23.3	33.3*			20.8	25.1*	43'8"
	-4.5m t		20.5*	20.5*	28.6*	28.6*	29.0	32.7*	20.7	25.9*	16.0	21.1*	12.9	17.5*	10.8	14.5*			10.3	12.9*	12.6
	-15ft lb		46.4*	46.4*	65.2*	65.2*	62.5	71.1*	44.7	56.1*	34.5	45.7*	27.9	37.9*	23.4	31.0*			22.9	28.6*	41'1"
-6.0m t		28.5*	28.5*	39.0*	39.0*	29.4	30.3*	20.9	24.2*	16.1	19.7*	13.1	16.0*					11.8	13.5*	11.5	
-20ft lb		64.6*	64.6*	85.9*	85.9*	63.4	65.7*	45.2	52.3*	34.9	42.4*	28.4	34.1*					26.4	29.9*	37'7"	
-7.5m t		39.4*	39.4*	33.8*	33.8*	26.2*	26.2*	20.9*	20.9*	16.6*	16.6*							13.3*	13.3*	10.2	
-25ft lb		89.9*	89.9*	72.6*	72.6*	56.4*	56.4*	44.9*	44.9*	35.0*	35.0*							29.3*	29.3*	32'11"	
-9.0m t				24.7*	24.7*	19.3*	19.3*	14.5*	14.5*									12.2*	12.2*	8.3	
-30ft lb						40.3*	40.3*	29.0*	29.0*									28.6*	28.6*	26'6"	

 Height  Can be slewed through 360°  In longitudinal position of undercarriage  Max. reach * Limited by hydr. capacity

The load values are quoted in tons (t) / lb x 1,000 at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 750 mm / 30" wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via *). Without bucket cylinder, link and lever the lift capacities will increase by 1,320 kg / 2,910 lb. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity. Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

Lift capacities

with mono boom 8.60 m / 28'3", counterweight 16.0 t / 35,270 lb and track pads 750 mm / 30"

Stick 3.30 m / 10'10"

Under-carriage		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		13.5 m 45 ft				m ft in
																				
HD	12.0 m t																			
	40 ft lb																			
	10.5 m t									16.3*	16.3*							16.4*	16.4*	9.1
	35 ft lb																	36.6*	36.6*	29'5"
	9.0 m t									15.9*	15.9*							15.8*	15.8*	10.3
	30 ft lb									35.1*	35.1*							35.2*	35.2*	33'5"
	7.5 m t							18.3*	18.3*	16.5*	16.5*	15.6*	15.6*					14.3	15.5*	11.1
	25 ft lb							39.8*	39.8*	36.2*	36.2*	34.1	34.5*					31.9	34.5*	36'2"
	6.0 m t							20.4*	20.4*	17.6*	17.6*	15.5	16.0*					12.9	15.5*	11.6
	20 ft lb							44.3*	44.3*	38.5*	38.5*	33.4	35.2*					28.7	34.4*	38'1"
	4.5 m t							22.8*	22.8*	18.9	19.0*	14.9	16.7*					12.0	15.5*	12.0
	15 ft lb							49.5*	49.5*	40.8	41.5*	32.3	36.7*					26.7	34.5*	39'4"
	3.0 m t							23.1	24.9*	17.9	20.3*	14.4	17.5*	11.7	15.2			11.5	15.0	12.1
	10 ft lb							50.1	54.1*	38.9	44.3*	31.2	38.3*					25.6	33.2	39'10"
	1.5 m t							22.0	26.3*	17.2	21.3*	13.9	18.1*	11.5	15.0			11.4	14.9	12.1
	5 ft lb							47.9	57.2*	37.4	46.5*	30.2	39.4					25.3	33.0	39'7"
	0 m t							21.5	26.7*	16.7	21.8*	13.6	17.9					11.6	15.2	11.8
	0 ft lb							46.6	58.4*	36.4	47.6*	29.5	38.7					25.7	33.6	38'10"
	-1.5 m t					29.7	31.7*	21.3	26.3*	16.5	21.6*	13.4	17.7					12.2	16.0	11.4
	-5 ft lb					64.3	71.8*	46.2	57.6*	35.9	47.3*	29.3	38.5					27.1	35.5	37'2"
	-3.0 m t			27.4*	27.4*	30.0	30.7*	21.3	25.1*	16.5	20.7*	13.6	16.8*					13.4	16.3*	10.7
	-10 ft lb			63.2*	63.2*	64.9	67.4*	46.4	54.9*	36.0	45.1*							29.9	36.3*	34'11"
	-4.5 m t			33.3*	33.3*	27.6*	27.6*	21.7	22.7*	16.9	18.3*							15.6	16.1*	9.7
	-15 ft lb			73.1*	73.1*	60.4*	60.4*	47.2	49.5*	36.9	39.5*							34.9	35.9*	31'6"
	-6.0 m t			26.9*	26.9*	22.6*	22.6*	18.1*	18.1*									15.2*	15.2*	8.3
	-20 ft lb			58.7*	58.7*	48.9*	48.9*	38.6*	38.6*									33.8*	33.8*	26'8"
	-7.5 m t																			
	-25 ft lb																			
	-9.0 m t																			
	-30 ft lb																			
LC-V	12.0 m t																			
	40 ft lb																			
	10.5 m t									16.2*	16.2*							16.4*	16.4*	9.1
	35 ft lb																	36.5*	36.5*	29'5"
	9.0 m t									15.9*	15.9*							15.8*	15.8*	10.3
	30 ft lb									35.2*	35.2*							35.1*	35.1*	33'5"
	7.5 m t							18.5*	18.5*	16.6*	16.6*	15.6*	15.6*					14.8	15.5*	11.1
	25 ft lb							40.2*	40.2*	36.4*	36.4*	34.5*	34.5*					33.1	34.5*	36'2"
	6.0 m t							20.6*	20.6*	17.8*	17.8*	16.1*	16.1*					13.4	15.5*	11.6
	20 ft lb							44.7*	44.7*	38.8*	38.8*	35.0	35.4*					29.9	34.4*	38'1"
	4.5 m t							23.0*	23.0*	19.1*	19.1*	15.6	16.8*	12.6	15.5*			12.6	15.5*	12.0
	15 ft lb							49.9*	49.9*	41.7*	41.7*	33.9	36.9*					28.0	34.5*	39'4"
	3.0 m t							24.1	25.0*	18.8	20.4*	15.1	17.6*	12.3	15.8*			12.1	15.6*	12.1
	10 ft lb							52.3	54.5*	40.8	44.5*	32.7	38.5*					27.0	34.8*	39'10"
	1.5 m t							23.1	26.3*	18.1	21.3*	14.6	18.1*	12.1	15.9*			12.0	15.8*	12.1
	5 ft lb							50.2	57.4*	39.3	46.6*	31.8	39.7*					26.7	35.2*	39'7"
	0 m t							22.6	26.7*	17.6	21.8*	14.3	18.4*					12.3	16.0*	11.8
	0 ft lb							49.0	58.4*	38.3	47.6*	31.1	40.2*					27.3	35.7*	38'10"
	-1.5 m t					31.2	32.6*	22.4	26.3*	17.4	21.6*	14.2	18.0*					13.0	16.2*	11.4
	-5 ft lb					67.7	71.5*	48.6	57.5*	37.9	47.2*	30.9	39.4*					28.9	36.2*	37'2"
	-3.0 m t			28.9*	28.9*	30.5*	30.5*	22.5	24.9*	17.5	20.5*	14.4	16.6*					14.3	16.3*	10.7
	-10 ft lb			66.5*	66.5*	66.9*	66.9*	48.9	54.6*	38.0	44.8*							31.9	36.3*	34'11"
	-4.5 m t			32.8*	32.8*	27.3*	27.3*	22.4*	22.4*	17.9	18.0*							16.1*	16.1*	9.7
	-15 ft lb			72.1*	72.1*	59.6*	59.6*	48.8*	48.8*	38.8*	38.8*							35.8*	35.8*	31'6"
	-6.0 m t			26.2*	26.2*	22.0*	22.0*	17.5*	17.5*									15.1*	15.1*	8.3
	-20 ft lb			57.1*	57.1*	47.5*	47.5*	37.0*	37.0*									33.4*	33.4*	26'8"
	-7.5 m t																			
	-25 ft lb																			
	-9.0 m t																			
	-30 ft lb																			

 Height  Can be slewed through 360°  In longitudinal position of undercarriage  Max. reach * Limited by hydr. capacity

The load values are quoted in tons (t) / lb x 1,000 at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 750 mm / 30" wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via *). Without bucket cylinder, link and lever the lift capacities will increase by 1,320 kg / 2,910 lb. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

Stick 3.80 m / 12'6"

Under-carriage	 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		 13.5 m 45 ft		 		m ft in	
																				
HD	12.0m t																	16.3*	16.3*	8.3
	40 ft lb																			
	10.5m t								15.0*	15.0*								15.3*	15.3*	9.8
	35 ft lb								33.5*	33.5*								34.0*	34.0*	31'6"
	9.0m t								15.0*	15.0*	14.7*	14.7*						14.8*	14.8*	10.8
	30 ft lb								32.9*	32.9*	32.8*	32.8*						32.9*	32.9*	35'4"
	7.5m t								15.7*	15.7*	14.8*	14.8*						13.3	14.6*	11.6
	25 ft lb								34.3*	34.3*	32.6*	32.6*						29.6	32.3*	37'11"
	6.0m t						19.4*	19.4*	16.9*	16.9*	15.3*	15.3*	12.3	14.6*				12.0	14.5*	12.1
	20 ft lb						42.0*	42.0*	36.8*	36.8*	33.7*	33.7*						26.8	31.9*	39'10"
	4.5m t						21.8*	21.8*	18.3*	18.3*	15.0	16.2*	12.1	14.8*				11.2	14.6*	12.5
	15 ft lb						47.4*	47.4*	39.9*	39.9*	32.5	35.4*	26.1	32.8*				25.0	32.2*	40'11"
	3.0m t						23.4	24.1*	18.1	19.7*	14.4	17.0*	11.7	15.3*				10.8	14.1	12.6
	10 ft lb						50.7	52.4*	39.2	43.0*	31.3	37.2*	25.4	33.0				24.0	31.3	41'4"
	1.5m t						22.2	25.7*	17.3	20.8*	13.9	17.7*	11.4	15.0				10.7	14.0	12.5
	5 ft lb						48.2	56.0*	37.5	45.5*	30.2	38.8*	24.8	32.4				23.7	31.0	41'2"
	0m t						21.5	26.5*	16.7	21.5*	13.5	17.8	11.2	14.7				10.8	14.2	12.3
	0 ft lb						46.7	57.8*	36.3	47.0*	29.4	38.6	24.4	32.0				24.1	31.6	40'5"
	-1.5m t				29.5	31.2*	21.2	26.4*	16.4	21.6*	13.3	17.6						11.3	14.9	11.9
	-5 ft lb				63.9	73.0*	46.0	57.8*	35.7	47.2*	29.0	38.2						25.3	33.1	38'11"
LC-V	-3.0m t		25.7*	25.7*	29.7	31.6*	21.1	25.5*	16.4	20.9*	13.3	17.3*						12.3	15.5*	11.2
	-10 ft lb		59.0*	59.0*	64.3	69.3*	45.9	55.8*	35.6	45.7*	29.1	37.6*						27.5	34.7*	36'7"
	-4.5m t	29.5*	29.5*	35.8*	35.8*	28.9*	28.9*	21.4	23.5*	16.6	19.2*							14.1	15.5*	10.3
	-15 ft lb	67.1*	67.1*	78.6*	78.6*	63.2*	63.2*	46.6	51.3*	36.2	41.7*							31.7	34.6*	33'6"
	-6.0m t			30.0*	30.0*	24.5*	24.5*	19.9*	19.9*									15.0*	15.0*	9.0
	-20 ft lb			65.4*	65.4*	53.3*	53.3*	42.8*	42.8*									33.4*	33.4*	29'
	-7.5m t																			
	-25 ft lb																			
	-9.0m t																			
	-30 ft lb																			
	12.0m t																	16.1*	16.1*	8.3
	40 ft lb																			
	10.5m t								15.0*	15.0*								15.2*	15.2*	9.8
	35 ft lb								33.3*	33.3*								33.9*	33.9*	31'6"
	9.0m t								15.0*	15.0*	14.6*	14.6*						14.8*	14.8*	10.8
	30 ft lb								33.0*	33.0*	32.7*	32.7*						32.8*	32.8*	35'4"
	7.5m t								15.8*	15.8*	14.8*	14.8*						13.8	14.6*	11.6
	25 ft lb								34.5*	34.5*	32.6*	32.6*						30.8	32.3*	37'11"
	6.0m t						19.6*	19.6*	17.0*	17.0*	15.4*	15.4*	13.0	14.6*				12.6	14.5*	12.1
	20 ft lb						42.5*	42.5*	37.1*	37.1*	33.8*	33.8*						28.0	31.9*	39'10"
	4.5m t						22.0*	22.0*	18.4*	18.4*	15.7	16.2*	12.7	14.9*				11.8	14.6*	12.5
	15 ft lb						47.8*	47.8*	40.2*	40.2*	34.1	35.6*	27.4	32.8*				26.3	32.2*	40'11"
	3.0m t						24.3*	24.3*	18.9	19.8*	15.2	17.1*	12.4	15.3*				11.4	14.8*	12.6
	10 ft lb						52.8*	52.8*	41.0	43.2*	32.8	37.4*	26.8	33.6*				25.4	32.9*	41'4"
	1.5m t						23.3	25.8*	18.2	20.9*	14.6	17.8*	12.1	15.6*				11.3	15.0*	12.5
	5 ft lb						50.5	56.3*	39.4	45.7*	31.8	38.9*	26.2	34.3*				25.1	33.3*	41'2"
	0m t						22.6	26.5*	17.6	21.5*	14.3	18.2*	11.9	15.7*				11.5	15.2*	12.3
	0 ft lb						49.0	57.9*	38.2	47.1*	31.0	39.7*	25.8	34.2*				25.6	33.9*	40'5"
	-1.5m t				31.0	32.3*	22.3	26.4*	17.3	21.6*	14.1	18.1*						12.1	15.4*	11.9
	-5 ft lb				67.2	72.8*	48.4	57.7*	37.6	47.1*	30.6	39.5*						26.9	34.3*	38'11"
	-3.0m t		26.9*	26.9*	31.2	31.5*	22.3	25.4*	17.3	20.8*	14.1	17.2*						13.2	15.5*	11.2
	-10 ft lb		61.6*	61.6*	67.6	68.9*	48.4	55.5*	37.6	45.5*	30.8	37.3*						29.4	34.7*	36'7"
	-4.5m t	30.7*	30.7*	35.4*	35.4*	28.6*	28.6*	22.6	23.3*	17.5	19.0*							15.1	15.5*	10.3
	-15 ft lb	69.7*	69.7*	77.6*	77.6*	62.5*	62.5*	49.1	50.8*	38.3	41.1*							33.9	34.6*	33'6"
	-6.0m t			29.4*	29.4*	24.0*	24.0*	19.4*	19.4*									14.9*	14.9*	9.0
	-20 ft lb			63.9*	63.9*	52.2*	52.2*	41.8*	41.8*									33.2*	33.2*	29'
	-7.5m t																			
	-25 ft lb																			
	-9.0m t																			
	-30 ft lb																			

 Height  Can be slewed through 360°  In longitudinal position of undercarriage  Max. reach * Limited by hydr. capacity

The load values are quoted in tons (t) / lb x 1,000 at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 750 mm / 30" wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via *). Without bucket cylinder, link and lever the lift capacities will increase by 1,320 kg / 2,910 lb. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

Lift capacities

with mono boom 8.60 m / 28'3", counterweight 16.0 t / 35,270 lb and track pads 750 mm / 30"

Stick 4.70 m / 15'5"

Under-carriage	3.0m 10ft		4.5m 15ft		6.0m 20ft		7.5m 25ft		9.0m 30ft		10.5m 35ft		12.0m 40ft		13.5m 45ft				m ft in		
																					
HD	12.0m t																	13.2°	13.2°	9.5	
	40ft lb																	29.7°	29.7°	30'7"	
	10.5m t										13.2°	13.2°						12.1°	12.1°	10.9	
	35ft lb										28.1°	28.1°						27.0°	27.0°	35'2"	
	9.0m t										12.9°	12.9°						11.4°	11.4°	11.8	
	30ft lb										28.8°	28.8°						25.5°	25.5°	38'7"	
	7.5m t										13.3°	13.3°	12.8	12.9°				11.1°	11.1°	12.5	
	25ft lb								30.9°	30.9°	29.4°	29.4°	27.5	28.9°				24.8°	24.8°	41'	
	6.0m t								15.3°	15.3°	14.0°	14.0°	12.5	13.2°				10.6°	11.0°	13.0	
	20ft lb								33.6°	33.6°	30.9°	30.9°	27.1	29.4°				23.8	24.5°	42'8"	
	4.5m t						19.8°	19.8°	16.8°	16.8°	14.9°	14.9°	12.1	13.7°				10.0	11.1°	13.3	
	15ft lb						43.3°	43.3°	36.9°	36.9°	32.9°	32.9°	26.4	30.4°				22.4	24.7°	43'8"	
	3.0m t						22.3°	22.3°	18.3	18.4°	14.5	15.9°	11.7	14.3°				9.6	11.4°	13.5	
	10ft lb						48.9°	48.9°	39.9	40.4°	31.6	35.1°	25.6	31.6°				21.5	25.2°	44'2"	
	1.5m t						22.5	24.4°	17.4	19.8°	13.9	16.8°	11.3	14.8°				9.4	11.8°	13.4	
	5ft lb						49.0	53.4°	37.9	43.4°	30.3	37.1°	24.8	32.3				21.2	26.2°	44'	
	0m t						21.5	25.7°	16.7	20.7°	13.4	17.5°	11.0	14.5				9.5	12.5°	13.2	
	0ft lb						46.9	56.3°	36.4	45.6°	29.3	38.5	24.1	31.7				21.5	27.8°	43'4"	
-1.5m t					29.1	30.3°	20.9	26.1°	16.2	21.2°	13.1	17.3	10.8	14.3				9.9	13.1	12.8	
-5ft lb					63.4	70.7°	45.7	57.4°	35.4	46.6°	28.6	37.8	23.7	31.3				22.3	29.4	41'11"	
-3.0m t			22.8°	22.8°	29.0	32.6°	20.7	25.7°	16.0	21.0°	12.9	17.2	10.8	14.3				10.6	14.1	12.2	
-10ft lb			52.4°	52.4°	63.3	71.7°	45.3	56.6°	35.0	46.2°	28.3	37.5						24.0	31.6	39'10"	
-4.5m t	24.2°	24.2°	33.4°	33.4°	29.3	30.6°	20.8	24.5°	16.0	20.0°	13.0	16.3°						11.9	14.2°	11.3	
-15ft lb	55.0°	55.0°	76.7°	76.7°	63.9	67.2°	45.5	53.7°	35.2	43.8°	28.7	35.6°						26.9	32.0°	36'11"	
-6.0m t	35.2°	35.2°	34.5°	34.5°	27.2°	27.2°	21.2	21.9°	16.4	17.6°								14.1°	14.1°	10.1	
-20ft lb	80.3°	80.3°	75.7°	75.7°	59.6°	59.6°	46.5	47.9°	36.1	38.2°								31.7°	31.7°	33'	
-7.5m t			27.2°	27.2°	21.7°	21.7°	17.1°	17.1°										13.3°	13.3°	8.6	
-25ft lb			58.9°	58.9°	47.0°	47.0°	36.3°	36.3°										29.8°	29.8°	27'7"	
-9.0m t																					
-30ft lb																					
LC-V	12.0m t																	13.1°	13.1°	9.5	
	40ft lb																	29.4°	29.4°	30'7"	
	10.5m t										13.1°	13.1°						12.0°	12.0°	10.9	
	35ft lb										29.5°	29.5°						26.8°	26.8°	35'2"	
	9.0m t										12.9°	12.9°						11.4°	11.4°	11.8	
	30ft lb										28.8°	28.8°						25.4°	25.4°	38'7"	
	7.5m t								14.1°	14.1°	13.3°	13.3°	12.9°	12.9°				11.1°	11.1°	12.5	
	25ft lb								31.1°	31.1°	29.5°	29.5°	28.9°	28.9°				24.7°	24.7°	41'	
	6.0m t						17.5°	17.5°	15.4°	15.4°	14.1°	14.1°	13.1	13.2°				11.0°	11.0°	13.0	
	20ft lb						38.2°	38.2°	33.9°	33.9°	31.1°	31.1°	28.5	29.4°				24.5°	24.5°	42'8"	
	4.5m t						20.1°	20.1°	17.0°	17.0°	15.0°	15.0°	12.8	13.8°				10.5	11.1°	13.3	
	15ft lb						43.8°	43.8°	37.2°	37.2°	33.1°	33.1°	27.7	30.5°				23.5	24.7°	43'8"	
	3.0m t						22.6°	22.6°	18.5°	18.5°	15.2	16.0°	12.3	14.3°				10.1	11.4°	13.5	
	10ft lb						49.3°	49.3°	40.7°	40.7°	33.1	35.3°	26.9	31.7°				22.7	25.3°	44'2"	
	1.5m t						23.5	24.5°	18.2	19.9°	14.6	16.9°	11.9	14.9°				10.0	11.9°	13.4	
	5ft lb						51.3	53.7°	39.8	43.6°	31.9	37.2°	26.1	32.9°				22.5	26.4°	44'	
	0m t						22.6	25.7°	17.5	20.8°	14.1	17.5°	11.6	15.2°				10.2	12.6°	13.2	
	0ft lb						49.3	56.5°	38.3	45.7°	30.9	38.6°	25.5	33.5°				22.8	28.0°	43'4"	
	-1.5m t					30.6	31.0°	22.1	26.1°	17.1	21.2°	13.8	17.8°	11.5	15.2°				10.6	13.7°	12.8
	-5ft lb					66.7	72.3°	48.2	57.4°	37.4	46.6°	30.2	39.1°	25.1	33.3°				23.8	30.4°	41'11"
	-3.0m t			23.7°	23.7°	30.6	32.4°	21.9	25.7°	16.9	20.9°	13.7	17.4°	11.5	14.4°				11.4	14.1°	12.2
	-10ft lb			54.2°	54.2°	66.6	71.4°	47.8	56.4°	37.0	46.0°	30.0	38.3°						25.6	31.8°	39'10"
	-4.5m t	25.0°	25.0°	34.5°	34.5°	30.3°	30.3°	22.0	24.3°	17.0	19.8°	13.8	16.2°						12.8	14.2°	11.3
	-15ft lb	56.9°	56.9°	79.2°	79.2°	66.7°	66.7°	48.1	53.3°	37.2	43.5°	30.4	35.2°						28.8	32.0°	36'11"
-6.0m t	36.4°	36.4°	34.0°	34.0°	26.8°	26.8°	21.6°	21.6°	17.3°	17.3°								14.1°	14.1°	10.1	
-20ft lb	82.9°	82.9°	74.5°	74.5°	58.8°	58.8°	47.2°	47.2°	37.4°	37.4°								31.6°	31.6°	33'	
-7.5m t			26.3°	26.3°	21.1°	21.1°	16.4°	16.4°										13.2°	13.2°	8.6	
-25ft lb			57.0°	57.0°	45.5°	45.5°	34.8°	34.8°										29.5°	29.5°	27'7"	
-9.0m t																					
-30ft lb																					

 Height  Can be slewed through 360°  In longitudinal position of undercarriage  Max. reach * Limited by hydr. capacity

The load values are quoted in tons (t) / lb x 1,000 at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 750 mm / 30" wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via *). Without bucket cylinder, link and lever the lift capacities will increase by 1,320 kg / 2,910 lb. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

Stick 5.80 m / 19'

Under-carriage		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		13.5 m 45 ft				m ft in
																				
HD	12.0m t											11.8*	11.8*					9.9*	9.9*	11.0
	40 ft lb											23.8*	23.8*					22.1*	22.1*	35'6"
	10.5m t													10.1*	10.1*			9.2*	9.2*	12.2
	35 ft lb																	20.4*	20.4*	39'6"
	9.0m t													11.6*	11.6*			8.8*	8.8*	13.0
	30 ft lb													25.6*	25.6*			19.5*	19.5*	42'6"
	7.5m t											12.1*	12.1*	11.8*	11.8*	9.8*	9.8*	8.6*	8.6*	13.7
	25 ft lb											26.4*	26.4*	25.9*	25.9*			19.0*	19.0*	44'8"
	6.0m t											12.9*	12.9*	12.3*	12.3*	10.6	11.8*	8.5*	8.5*	14.1
	20 ft lb											28.2*	28.2*	26.9*	26.9*	22.7	24.1*	18.8*	18.8*	46'4"
	4.5m t						18.0*	18.0*	15.6*	15.6*		14.0*	14.0*	12.8	13.0*	10.4	12.3*	8.6*	8.6*	14.4
	15 ft lb						38.7*	38.7*	33.8*	33.8*		30.5*	30.5*	27.5	28.3*	22.2	26.9*	18.9*	18.9*	47'2"
	3.0m t						20.8*	20.8*	17.4*	17.4*		15.2*	15.2*	12.4	13.7*	10.1	12.7*	8.8*	8.8*	14.5
	10 ft lb						44.9*	44.9*	37.7*	37.7*		32.9	33.1*	26.5	29.9*	21.7	27.8*	19.3*	19.3*	47'7"
	1.5m t						23.3*	23.3*	18.3	19.0*		14.6	16.3*	11.9	14.5*	9.8	12.8	8.7	9.1*	14.5
	5 ft lb						50.5*	50.5*	39.5	41.3*		31.4	35.5*	25.5	31.5*	21.1	27.5	19.2	20.0*	47'6"
	0m t						22.6	25.2*	17.5	20.4*		14.0	17.3*	11.5	15.0	9.6	12.5	8.7	9.6*	14.3
	0 ft lb						48.6	54.6*	37.6	44.2*		30.1	37.5*	24.7	32.3	20.6	27.0	19.3	21.1*	46'10"
	-1.5m t					30.1	30.2*	21.7	26.3*	16.8	21.2*	13.5	17.8	11.2	14.7	9.4	12.4	9.0	10.3*	13.9
	-5 ft lb					64.7	70.2*	46.8	57.0*	36.2	46.2*	29.2	38.4	24.1	31.6	20.2	26.6	19.9	22.7*	45'6"
	-3.0m t			20.4*	20.4*	29.6	34.1*	21.3	26.5*	16.4	21.5*	13.2	17.5	11.0	14.5			9.5	11.3*	13.3
LC-V	-10 ft lb			46.5*	46.5*	63.8	74.0*	45.8	57.6*	35.4	46.8*	28.6	37.8	23.7	31.2			21.1	24.9*	43'8"
	-4.5m t	19.9*	19.9*	27.8*	27.8*	29.6	32.9*	21.1	25.9*	16.3	21.2*	13.1	17.4	11.0	14.5			10.4	12.7*	12.6
	-15 ft lb	45.0*	45.0*	63.5*	63.5*	63.7	71.5*	45.6	56.3*	35.2	45.9*	28.4	37.6	23.8	31.3*			23.1	28.3*	41'1"
	-6.0m t	27.7*	27.7*	37.9*	37.9*	29.9	30.6*	21.3	24.4*	16.4	19.8*	13.3	16.2*					11.9	13.5*	11.5
	-20 ft lb	62.9*	62.9*	86.8*	86.8*	64.5	66.3*	46.0	52.7*	35.5	42.8*	28.8	34.6*					26.5	29.9*	37'7"
	-7.5m t	38.2*	38.2*	34.4*	34.4*	26.7*	26.7*	21.3*	21.3*	16.8	17.0*							13.3*	13.3*	10.2
	-25 ft lb	87.3*	87.3*	74.0*	74.0*	57.4*	57.4*	45.7*	45.7*	35.9*	35.9*							29.4*	29.4*	32'11"
	-9.0m t			25.7*	25.7*	20.1*	20.1*	15.3*	15.3*									12.3*	12.3*	8.3
	-30 ft lb			54.0*	54.0*	42.1*	42.1*	31.1*	31.1*									27.1*	27.1*	26'6"
	12.0m t											24.7*	24.7*					9.8*	9.8*	11.0
	40 ft lb																	21.9*	21.9*	35'6"
	10.5m t													10.5*	10.5*			9.2*	9.2*	12.2
	35 ft lb																	20.3*	20.3*	39'6"
	9.0m t													11.6*	11.6*			8.8*	8.8*	13.0
	30 ft lb													25.6*	25.6*			19.4*	19.4*	42'6"
	7.5m t											12.1*	12.1*	11.8*	11.8*	10.0*	10.0*	8.6*	8.6*	13.7
	25 ft lb											26.5*	26.5*	26.0*	26.0*			18.9*	18.9*	44'8"
	6.0m t											13.0*	13.0*	12.4*	12.4*	11.2	11.9*	8.5*	8.5*	14.1
	20 ft lb											28.4*	28.4*	27.0*	27.0*	23.9	24.4*	18.8*	18.8*	46'4"
	4.5m t						18.2*	18.2*	15.7*	15.7*		14.1*	14.1*	13.0*	13.0*	10.9	12.3*	8.6*	8.6*	14.4
	15 ft lb						39.3*	39.3*	34.1*	34.1*		30.7*	30.7*	28.5*	28.5*	23.4	27.0*	18.9*	18.9*	47'2"
	3.0m t						21.0*	21.0*	17.5*	17.5*		15.3*	15.3*	13.0	13.8*	10.7	12.8*	8.8*	8.8*	14.5
	10 ft lb						45.4*	45.4*	38.0*	38.0*		33.3*	33.3*	27.8	30.1*	22.8	27.9*	19.4*	19.4*	47'7"
	1.5m t						23.5*	23.5*	19.2	19.2*		15.3	16.4*	12.5	14.5*	10.4	13.2*	9.1*	9.1*	14.5
	5 ft lb						50.9*	50.9*	41.3	41.6*		32.9	35.7*	26.9	31.7*	22.2	28.7*	20.1*	20.1*	47'6"
	0m t						23.6	25.3*	18.3	20.5*		14.7	17.3*	12.1	15.1*	10.1	13.5*	9.3	9.6*	14.3
	0 ft lb						50.9	54.9*	39.4	44.4*		31.7	37.6*	26.0	32.9*	21.7	29.3*	20.5	21.2*	46'10"
	-1.5m t					30.5*	30.5*	22.8	26.3*	17.7	21.3*	14.3	17.9*	11.8	15.4*	9.9	13.4*	9.6	10.3*	13.9
	-5 ft lb					67.9	71.0*	49.2	57.1*	38.1	46.3*	30.7	38.9*	25.4	33.6*	21.5	26.2*	21.2	22.8*	45'6"
	-3.0m t	14.1*	14.1*	21.0*	21.0*	31.1	34.0*	22.4	26.5*	17.3	21.5*	14.0	18.0*	11.6	15.4*			10.2	11.4*	13.3
	-10 ft lb	31.8*	31.8*	47.8*	47.8*	67.0	73.9*	48.3	57.6*	37.4	46.8*	30.2	39.2*	25.1	33.3*			22.5	25.1*	43'8"
	-4.5m t	20.5*	20.5*	28.6*	28.6*	31.1	32.7*	22.3	25.9*	17.2	21.1*	13.9	17.5*	11.7	14.5*			11.1	12.9*	12.6
	-15 ft lb	46.4*	46.4*	65.2*	65.2*	67.1	71.1*	48.0	56.1*	37.1	45.7*	30.1	37.9*	25.3	31.0*			24.7	28.6*	41'1"
	-6.0m t	28.5*	28.5*	39.0*	39.0*	30.3*	30.3*	22.4	24.2*	17.3	19.7*	14.1	16.0*					12.7	13.5*	11.5
	-20 ft lb	64.6*	64.6*	85.9*	85.9*	65.7*	65.7*	48.5	52.3*	37.5	42.4*	30.6	34.1*					28.4	29.9*	37'7"
	-7.5m t	39.4*	39.4*	33.8*	33.8*	26.2*	26.2*	20.9*	20.9*	16.6*	16.6*							13.3*	13.3*	10.2
	-25 ft lb	89.9*	89.9*	72.6*	72.6*	56.4*	56.4*	44.9*	44.9*	35.0*	35.0*							29.3*	29.3*	32'11"
	-9.0m t			24.7*	24.7*	19.3*	19.3*	14.5*	14.5*									12.2*	12.2*	8.3
	-30 ft lb					40.3*	40.3*	29.0*	29.0*									28.6*	28.6*	26'6"

 Height  Can be slewed through 360°  In longitudinal position of undercarriage  Max. reach * Limited by hydr. capacity

The load values are quoted in tons (t) / lb x 1,000 at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 750 mm / 30" wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via *). Without bucket cylinder, link and lever the lift capacities will increase by 1,320 kg / 2,910 lb. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

Lift capacities

with mono boom 10.50 m / 34'5", counterweight 16.0 t / 35,270 lb and track pads 750 mm / 30"

Stick 3.80 m / 12'6"

Under-carriage		3.0m 10ft	4.5m 15ft	6.0m 20ft	7.5m 25ft	9.0m 30ft	10.5m 35ft	12.0m 40ft	13.5m 45ft	15.0m 50ft	16.5m 55ft			m ft in											
																									
HD	13.5m t																								
	45ft lb																								
	12.0m t												11.4"	11.4"								11.4"	11.4"	11.1	
	40ft lb												25.6"	25.6"								25.6"	25.6"	35'10"	
	10.5m t												11.0"	11.0"	10.9"	10.9"							11.0"	11.0"	12.2
	35ft lb												24.7"	24.7"									24.7"	24.7"	39'8"
	9.0m t												10.4	10.9"									10.4	10.9"	13.1
	30ft lb												23.3	24.3"									23.3	24.3"	42'8"
	7.5m t												9.3	10.8"									9.3	10.8"	13.7
	25ft lb												20.8	24.2"									20.8	24.2"	44'11"
	6.0m t												8.5	10.8"									8.5	10.8"	14.2
	20ft lb												19.1	24.3"									19.1	24.3"	46'5"
	4.5m t												8.0	10.7									8.0	10.7	14.5
	15ft lb												17.9	23.9									17.9	23.9	47'5"
	3.0m t												7.7	10.4									7.7	10.4	14.6
	10ft lb												17.3	23.2									17.3	23.2	47'10"
	1.5m t												7.6	10.3									7.6	10.3	14.5
	5ft lb												17.0	22.9									17.0	22.9	47'8"
	0m t												7.7	10.4									7.7	10.4	14.3
	0ft lb												17.2	23.2									17.2	23.2	47'
	-1.5m t												7.9	10.8									7.9	10.8	13.9
	-5ft lb												17.8	24.0									17.8	24.0	45'8"
	-3.0m t												8.4	11.4									8.4	11.4	13.4
	-10ft lb												19.0	25.6									19.0	25.6	43'10"
	-4.5m t												9.3	11.9"									9.3	11.9"	12.6
	-15ft lb												21.0	26.9"									21.0	26.9"	41'2"
	-6.0m t												10.8	11.9"									10.8	11.9"	11.6
	-20ft lb												24.4	26.9"									24.4	26.9"	37'10"
	-7.5m t												11.6"	11.6"									11.6"	11.6"	10.2
	-25ft lb												26.1"	26.1"									26.1"	26.1"	33'2"
	-9.0m t												10.4"	10.4"									10.4"	10.4"	8.4
	-30ft lb												25.0"	25.0"									25.0"	25.0"	26'
	-10.5m t																								
	-35ft lb																								
LCV	13.5m t												12.0"	12.0"											
	45ft lb																								
	12.0m t												11.4"	11.4"								11.4"	11.4"	11.1	
	40ft lb												25.5"	25.5"								25.5"	25.5"	35'10"	
	10.5m t												11.0"	11.0"	10.9"	10.9"							11.0"	11.0"	12.2
	35ft lb												24.7"	24.7"									24.7"	24.7"	39'8"
	9.0m t												10.8	10.9"									10.8	10.9"	13.1
	30ft lb												24.3"	24.3"									24.3"	24.3"	42'8"
	7.5m t												9.7	10.8"									9.7	10.8"	13.7
	25ft lb												21.9	24.2"									21.9	24.2"	44'11"
	6.0m t												9.0	10.8"									9.0	10.8"	14.2
	20ft lb												20.1	24.3"									20.1	24.3"	46'5"
	4.5m t												8.5	10.9"									8.5	10.9"	14.5
	15ft lb												19.0	24.5"									19.0	24.5"	47'5"
	3.0m t												8.2	11.1"									8.2	11.1"	14.6
	10ft lb												18.4	24.8"									18.4	24.8"	47'10"
	1.5m t												8.1	11.2"									8.1	11.2"	14.5
	5ft lb												18.2	25.2"									18.2	25.2"	47'8"
	0m t												8.2	11.4"									8.2	11.4"	14.3
	0ft lb												18.4	25.7"									18.4	25.7"	47'
	-1.5m t												8.5	11.6"									8.5	11.6"	13.9
	-5ft lb												19.1	26.1"									19.1	26.1"	45'8"
	-3.0m t												9.1	11.8"									9.1	11.8"	13.4
	-10ft lb												20.4	26.6"									20.4	26.6"	43'10"
	-4.5m t												10.0	11.9"									10.0	11.9"	12.6
	-15ft lb												22.6	26.9"									22.6	26.9"	41'2"
	-6.0m t												11.6	11.9"									11.6	11.9"	11.6
	-20ft lb												26.3	26.9"									26.3	26.9"	37'10"
	-7.5m t												11.6"	11.6"									11.6"	11.6"	10.2
	-25ft lb												26.0"	26.0"									26.0"	26.0"	33'2"
	-9.0m t												10.9"	10.9"									10.9"	10.9"	8.4
	-30ft lb																								
	-10.5m t																								
	-35ft lb																								

 Height  Can be slewed through 360°  In longitudinal position of undercarriage  Max. reach * Limited by hydr. capacity

The load values are quoted in tons (t) / lb x 1,000 at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 750 mm / 30" wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via *). Without bucket cylinder, link and lever the lift capacities will increase by 1,320 kg / 2,910 lb. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

Under- carriage	3.0m 10ft		4.5m 15ft		6.0m 20ft		7.5m 25ft		9.0m 30ft		10.5m 35ft		12.0m 40ft		13.5m 45ft		15.0m 50ft		16.5m 55ft				
																						m	ft in
13.5m t																					10.4*	10.4*	10.8
45ft lb																					23.7*	23.7*	34"10"
12.0m t													9.9*	9.9*							10.0*	10.0*	12.2
40ft lb																					22.6*	22.6*	39"6"
10.5m t														9.5*	9.5*						9.7*	9.7*	13.2
35ft lb														21.5*	21.5*						22.1*	22.1*	43"1"
9.0m t														9.7*	9.7*	9.5*	9.5*				9.0	9.6*	14.1
30ft lb														21.7*	21.7*	21.5	21.6*				20.5	21.8*	45"11"
7.5m t											10.9*	10.9*		10.1*	10.1*	9.6*	9.6*				8.1	9.6*	14.7
25ft lb											24.2*	24.2*		22.6*	22.6*	21.3	21.7*				18.4	21.8*	47"11"
6.0m t										13.6*	13.6*	11.8*	11.8*	10.7*	10.7*	9.5	10.0*	7.6	9.7*		7.5	9.7*	15.1
20ft lb										29.9*	29.9*	26.2*	26.2*	23.8*	23.8*	20.7	22.3*				17.0	21.9*	49"5"
4.5m t										15.1*	15.1*	12.8*	12.8*	11.2	11.4*	9.1	10.4*	7.4	9.8*		7.1	9.6	15.3
15ft lb										33.3*	33.3*	28.4*	28.4*	24.4	25.3*	20.0	23.2*	16.2	21.8		16.0	21.5	50"4"
3.0m t										16.0	16.6*	12.9	13.8*	10.6	12.0*	8.7	10.8*	7.2	9.8		6.8	9.3	15.4
10ft lb										35.2	36.5*	28.4	30.6*	23.2	26.8*	19.2	24.2*	15.9	21.4		15.4	20.9	50"8"
1.5m t										15.0	17.7*	12.2	14.7*	10.1	12.7*	8.4	11.3*	7.0	9.6		6.7	9.2	15.4
5ft lb										33.1	39.1*	26.9	32.5*	22.2	28.1*	18.5	24.9	15.5	21.0		15.2	20.6	50"6"
0m t										14.4	18.5*	11.7	15.3*	9.6	13.1*	8.1	11.1	6.9	9.4		6.7	9.2	15.2
0ft lb										31.7	40.9*	25.7	34.0*	21.3	28.8	17.9	24.3				15.3	20.8	49"11"
-1.5m t										14.0	18.9*	11.3	15.6	9.4	12.9	7.9	10.9				6.9	9.5	14.9
-5ft lb																							

 Height
 Can be slewed through 360°
 In longitudinal position of undercarriage
 Max. reach
 * Limited by hydr. capacity

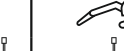
The load values are quoted in tons (t) / **lb x 1,000** at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 750 mm / **30"** wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated by *). Without bucket cylinder, link and lever the lift capacities will increase by 1.320 kg / **2.910** lb. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

Lift capacities

with mono boom 10.50 m / 34'5", counterweight 16.0 t / 35,270 lb and track pads 750 mm / 30"

Stick 5.80 m / 19'

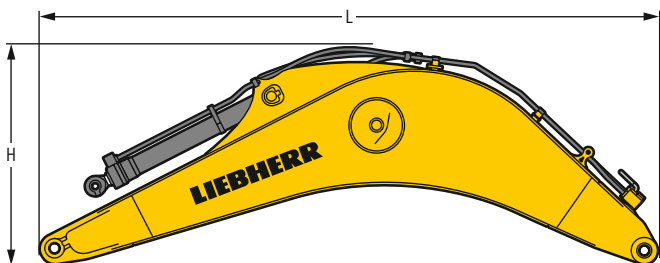
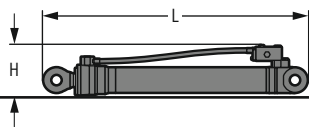
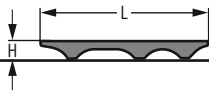
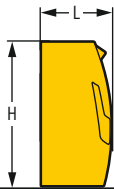
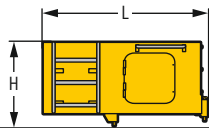
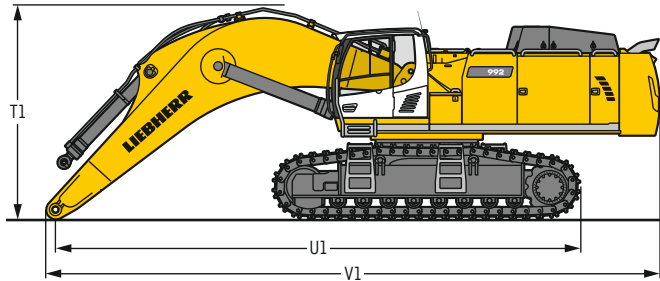
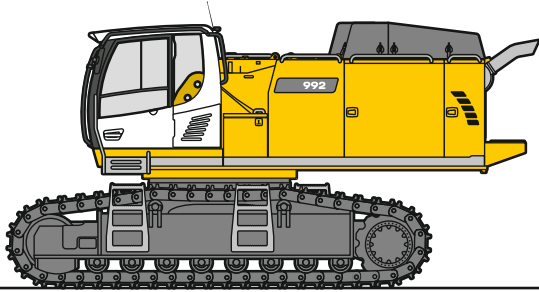
Under-carriage		3.0m 10ft		4.5m 15ft		6.0m 20ft		7.5m 25ft		9.0m 30ft		10.5m 35ft		12.0m 40ft		13.5m 45ft		15.0m 50ft		16.5m 55ft				m ft in	
																									
HD	13.5m t													9.2*	9.2*							9.4*	9.4*	12.3	
	45ft lb																					20.9*	20.9*	39'10"	
	12.0m t															9.1*	9.1*					9.1*	9.1*	13.5	
	40ft lb																					20.3*	20.3*	44'	
	10.5m t															8.7*	8.7*					9.0*	9.0*	14.5	
	35ft lb															19.4*	19.4*					19.9*	19.9*	47'2"	
	9.0m t													9.0*	9.0*			8.5	8.9*			8.2	8.7*	15.2	
	30ft lb													19.7*	19.7*							18.2	19.3*	49'8"	
	7.5m t													9.5*	9.5*			8.5	8.9*			7.4	8.6*	15.8	
	25ft lb													20.8*	20.8*			18.0	19.7*			16.5	18.9*	51'7"	
	6.0m t												11.2*	11.2*	10.2*	10.2*	9.5*	9.5*	8.3	9.1*			6.9	8.5*	16.2
	20ft lb												24.3*	24.3*	22.2*	22.2*	20.8*	20.8*	17.6	20.0*			15.4	18.8*	53'
	4.5m t									14.3*	14.3*	12.3*	12.3*	10.9*	10.9*	9.7	10.0*	8.0	9.4*			6.6	8.6*	16.4	
	15ft lb									30.9*	30.9*	26.6*	26.6*	23.8*	23.8*	20.9	21.9*	17.1	20.7*			14.6	18.9*	53'10"	
	3.0m t									15.9*	15.9*	13.4*	13.4*	11.3	11.7*	9.3	10.6*	7.7	9.8*	6.4	8.6	14.3	8.6	16.5	
	10ft lb									34.4*	34.4*	29.1*	29.1*	24.3	25.5*	20.0	23.1*	16.6	21.4*			14.1	19.1	54'2"	
	1.5m t									16.1	17.3*	13.0	14.4*	10.7	12.4*	8.9	11.1*	7.4	10			6.2	8.5	16.5	
	5ft lb									34.7	37.5*	28.0	31.3*	23.0	27.1*	19.1	24.2*	16.0	21.5			13.8	18.8	54'	
	0m t									15.2	18.3*	12.3	15.2*	10.2	13.1*	8.5	11.5	7.2	9.8			6.3	8.6	16.3	
	0ft lb									32.9	39.9*	26.7	33.1*	22.0	28.5*	18.4	24.8	15.5	21.1			13.9	18.9	53'5"	
-1.5m t									14.6	19.0*	11.9	15.8*	9.8	13.3	8.3	11.2	7.0	9.6			6.4	8.8	16.0		
-5ft lb								40.7	51.7*	31.7	41.4*	25.7	34.5*	21.3	28.8	17.9	24.2	15.2	20.7			14.2	19.4	52'4"	
-3.0m t									18.6	23.8*	14.3	19.3*	11.6	15.8	9.6	13.1	8.1	11.1	7.0	9.5			6.7	9.2	15.5
-10ft lb									40.2	52.0*	31.0	42.1*	25.1	34.1	20.8	28.3	17.6	23.9	15.1	20.7			14.9	20.3	50'8"
-4.5m t										18.6	23.5*	14.2	19.2*	11.4	15.7	9.5	13.0	8.1	11.0			7.2	9.8	14.8	
-15ft lb										40.2	51.2*	30.9	41.9*	24.8	33.9	20.6	28.1	17.5	23.9			16.0	21.8	48'6"	
-6.0m t	16.1*	16.1*	20.3*	20.3*	26.7	28.1*	18.8	22.6*	14.3	18.6*	11.5	15.7*	9.6	13.1	8.2	11.2*						8.0	10.4*	14.0	
-20ft lb	36.6*	36.6*	46.5*	46.5*	57.8	61.3*	40.7	49.3*	31.1	40.6*	25.0	34.1	20.8	28.3	18.0	23.9*						17.8	23.1*	45'7"	
-7.5m t	22.7*	22.7*	28.4*	28.4*	26.0*	26.0*	19.2	21.1*	14.6	17.5*	11.8	14.7*	9.9	12.2*								9.2	10.4*	12.9	
-25ft lb	51.7*	51.7*	65.0*	65.0*	56.6*	56.6*	41.7	46.0*	31.8	38.0*	25.6	31.8*	21.6	26.0*								20.6	23.3*	41'11"	
-9.0m t	31.3*	31.3*	28.7*	28.7*	22.9*	22.9*	18.7*	18.7*	15.2	15.5*	12.3	12.6*										10.3*	10.3*	11.5	
-30ft lb	71.5*	71.5*	62.3*	62.3*	49.6*	49.6*	40.5*	40.5*	33.1	33.3*	26.6*	26.6*										23.0*	23.0*	37'1"	
-10.5m t			22.4*	22.4*	18.2*	18.2*	14.8*	14.8*	11.5*	11.5*												9.7*	9.7*	9.6	
-35ft lb					38.6*	38.6*	31.2*	31.2*	23.2*	23.2*												21.5*	21.5*	30'10"	
LCV	13.5m t													9.1*	9.1*							9.4*	9.4*	12.3	
	45ft lb													20.7*	20.7*							20.8*	20.8*	39'10"	
	12.0m t															9.0*	9.0*					9.1*	9.1*	13.5	
	40ft lb																					20.2*	20.2*	44'	
	10.5m t															8.7*	8.7*					9.0*	9.0*	14.5	
	35ft lb															19.4*	19.4*					19.9*	19.9*	47'2"	
	9.0m t													9.0*	9.0*			8.8*	8.8*			8.6	8.7*	15.2	
	30ft lb													19.8*	19.8*							19.1	19.3*	49'8"	
	7.5m t													9.6*	9.6*			8.9*	8.9*			7.9	8.6*	15.8	
	25ft lb													20.9*	20.9*			19.1	19.7*			17.5	18.9*	51'7"	
	6.0m t									12.8*	12.8*	11.3*	11.3*	10.2*	10.2*	9.6*	9.6*	8.7	9.1*			7.4	8.5*	16.2	
	20ft lb									27.6*	27.6*	24.5*	24.5*	22.3*	22.3*	20.9*	20.9*	18.7	20.1*			16.3	18.8*	53'	
	4.5m t									14.4*	14.4*	12.4*	12.4*	11.0*	11.0*	10.1*	10.1*	8.5	9.4*			7.0	8.6*	16.4	
	15ft lb									31.2*	31.2*	26.9*	26.9*	24.0*	24.0*	22.0*	22.0*	18.2	20.7*			15.5	18.9*	53'10"	
	3.0m t									16.0*	16.0*	13.5*	13.5*	11.8*	11.8*	9.83	10.6*	8.2	9.8*	6.8	8.9*	6.8	8.7*	16.5	
	10ft lb									34.7*	34.7*	29.3*	29.3*	25.6	25.7*	21.1	23.2*	17.6	21.5*			15.0	19.2*	54'2"	
	1.5m t									16.9	17.4*	13.7	14.5*	11.23	12.5*	9.4	11.1*	7.9	10.1*			6.7	9.0*	16.5	
	5ft lb									36.5	37.8*	29.6	31.5*	24.4	27.3*	20.3	24.3*	17.1	22.2*			14.8	19.8*	54'	
	0m t									16.1	18.4*	13.0	15.3*	10.8	13.1*	9.1	11.6*	7.7	10.4*			6.7	9.3*	16.3	
	0ft lb									34.8	40.1*	28.2	33.3*	23.4	28.6*	19.6	25.3*	16.6	22.8*			14.9	20.6*	53'5"	
-1.5m t									15.5	19.1*	12.6	15.8*	10.4	13.6*	8.8	11.9*	7.5	10.6*			6.9	9.8*	16.0		
-5ft lb								43.2	51.8*	33.6	41.5*	27.2	34.5*	22.6	29.6*	19.1	26.0*	16.3	23.1*			15.3	21.8*	52'4"	
-3.0m t									19.7	23.8*	15.2	19.3*	12.3	16.1*	10.2	13.8*	8.7	12.0*	7.5	10.5*			7.2	10.0*	15.5
-10ft lb									42.7	52.0*	33.0	42.1*	26.7	35.2*	22.2	30.1*	18.8	26.2*	16.3	22.8*			16.1	22.3*	50'8"
-4.5m t										19.7	23.4*	15.1	19.2*	12.2	16.1*	10.1	13.7*	8.6	11.8*			7.8	10.2*	14.8	
-15ft lb										33.0*	33.0*	49.3*	49.3*	42.7	51.1*	32.8	41.8*	25.0	33.9*			17.3	22.8*	48'6"	
-6.0m t	16.6*	16.6*	20.9*	20.9*	27.9*	27.9*	19.9	22.5*	15.3	18.6*	12.3	15.6*	10.2	13.2*	8.8	11.1*						8.6	10.4*	14.0	
-20ft lb	37.8*	37.8*	47.9*	47.9*	61.0*	61.0*	43.2	49.1*	33.1	40.5*	26.7	34.0*	22.3	28.0*	19.3	23.6*						19.2	23.1*	45'7"	
-7.5m t	23.4*	23.4*	29.2*	29.2*	25.7*	25.7*	20.4	20.9*	15.6	17.4*	12.6	14.5*	10.6	12.0*								9.9	10.4*	12.9	
-25ft lb	53.2*	53.2*	66.9*	66.9*	56.1*	56.1*	44.2	45.6*	33.9	37.7*	27.4	31.5*	23.1	25.6*								22.3	23.3*	41'11"	
-9.0m t	32.2*	32.2*	28.3*	28.3*	22.5*	22.5*	18.5*	18.5*	15.2*	15.2*	12.3*	12.3*										10.3*	10.3*	11.5	
-30ft lb	73.6*	73.6*	61.2*	61.2*	48.8*	48.8*	39.9*	39.9*	32.7*	32.7*	25.9*	25.9*										22.9*	22.9*	37'1"	
-10.5m t					17.6*	17.6*	14.3*	14.3*	10.9*	10.9*												9.6*	9.6*	9.6	
-35ft lb					37.4*	37.4*	30.0*	30.0*	21.5*	21.5*												21.2*	21.2*	30'10"	

 Height  Can be slewed through 360°  In longitudinal position of undercarriage  Max. reach * Limited by hydr. capacity

The load values are quoted in tons (t) / lb x 1,000 at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 750 mm / 30" wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via *). Without bucket cylinder, link and lever the lift capacities will increase by 1,320 kg / 2,910 lb. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

Dimensions and weights



Basic machine

Track pads	mm / in	500 / 20"	600 / 24"	750 / 30"
Weight with backhoe equipment and HD undercarriage without counterweight	kg / lb	51,050 / 112,550	51,800 / 114,200	52,900 / 116,630
Weight with shovel equipment and HD undercarriage without counterweight	kg / lb	51,150 / 112,770	51,900 / 114,420	53,000 / 116,850
Weight with backhoe equipment and LC-V undercarriage without counterweight	kg / lb	56,400 / 124,340	57,200 / 126,100	58,350 / 128,640

Machine without stick

		HD	LC-V
T1 Mono boom 7.20 m / 23'7"	mm / ft in	4,150 / 13' 7"	4,250 / 13'11"
Mono boom 8.60 m / 28'3"	mm / ft in	4,500 / 14' 9"	4,550 / 14'11"
Mono boom 10.50 m / 34'5"	mm / ft in	4,900 / 16' 1"	5,000 / 16' 5"
U1 Mono boom 7.20 m / 23'7"	mm / ft in	10,350 / 33'11"	10,400 / 34' 1"
Mono boom 8.60 m / 28'3"	mm / ft in	13,450 / 44' 2"	13,400 / 44'
Mono boom 10.50 m / 34'5"	mm / ft in	13,650 / 44' 9"	13,800 / 45' 3"
V1 Mono boom 7.20 m / 23'7"	mm / ft in	11,950 / 39' 2"	11,900 / 39' 1"
Mono boom 8.60 m / 28'3"	mm / ft in	11,700 / 38' 5"	11,850 / 38'11"
Mono boom 10.50 m / 34'5"	mm / ft in	15,450 / 50' 8"	15,400 / 50' 6"

Cab elevation

		800 mm / 2'7"
L Length	mm / ft in	1,890 / 6'2"
H Height	mm / ft in	925 / 3'
Width	mm / ft in	1,370 / 4'6"
Weight	kg / lb	600 / 1,320

Counterweight

		Std	heavy
L Length	mm / ft in	775 / 2'7"	775 / 2'7"
H Height	mm / ft in	1,595 / 5'3"	1,595 / 5'3"
Width	mm / ft in	3,360 / 11'	3,360 / 11'
Weight	kg / lb	14,100 / 31,090	16,000 / 35,270

Upper protection screen

L Length	mm / ft in	1,960 / 6'5"
H Height	mm / ft in	190 / 7"
Width	mm / ft in	1,110 / 3'8"
Weight	kg / lb	75 / 165

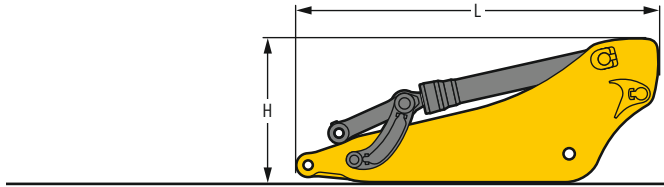
Hoist cylinders (two)

L Length	mm / ft in	2,920 / 9' 7"
H Height	mm / ft in	550 / 1'10"
Width	mm / ft in	400 / 1' 4"
Weight	kg / lb	2 x 1,050 / 2 x 2,320

Mono boom with stick cylinder

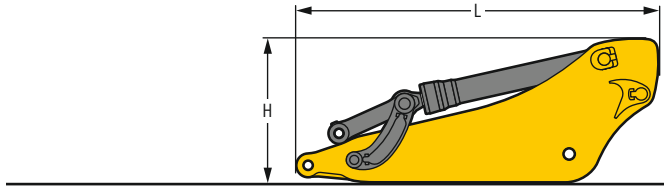
Boom length	m / ft in	7.20 / 23' 7"	8.60 / 28'3"	10.50 / 34'5"
L Length	mm / ft in	7,550 / 24' 9"	8,950 / 29'4"	10,850 / 35'7"
H Height	mm / ft in	2,700 / 8'10"	2,800 / 9'2"	3,050 / 10'
Width	mm / ft in	1,460 / 4' 9"	1,460 / 4'9"	1,460 / 4'9"
Weight	kg / lb	9,500 / 20,940	10,400 / 22,930	11,500 / 25,350

Dimensions and weights



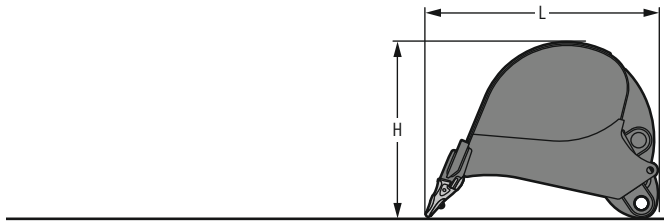
Stick with bucket cylinder

Stick length	m / ft in	2.90 / 9' 6"	3.30 / 10'10"	3.80 / 12' 6"
L Length	mm / ft in	4,050 / 13' 3"	4,450 / 14' 7"	4,900 / 16' 1"
H Height	mm / ft in	1,700 / 5' 7"	1,650 / 5' 5"	1,500 / 4'11"
Width	mm / ft in	900 / 2'11"	900 / 2'11"	900 / 2'11"
Weight	kg / lb	4,450 / 9,810	4,600 / 10,140	4,800 / 10,580



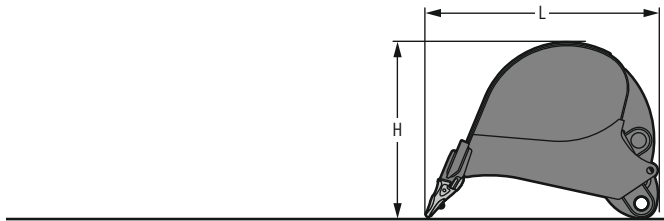
Stick with bucket cylinder

Stick length	m / ft in	4.70 / 15' 5"	5.80 / 19'
L Length	mm / ft in	5,800 / 19'	6,900 / 22' 8"
H Height	mm / ft in	1,450 / 4' 9"	1,400 / 4' 7"
Width	mm / ft in	900 / 2'11"	900 / 2'11"
Weight	kg / lb	5,150 / 11,350	5,100 / 11,240



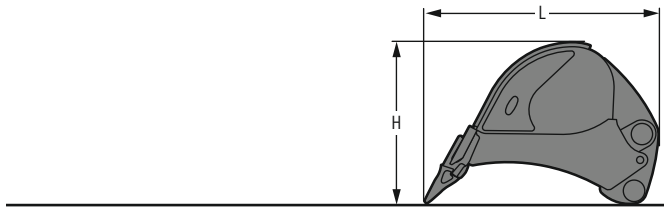
Backhoe buckets

					Std
Cutting width	mm / ft in	1,450 / 4'9"	1,800 / 5'11"	2,000 / 6'7"	2,200 / 7'3"
Capacity	m³ / yd³	2.60 / 3.40	3.60 / 4.71	4.10 / 5.36	4.60 / 6.02
L Length	mm / ft in	2,650 / 8' 8"	2,650 / 8' 8"	2,650 / 8' 8"	2,650 / 8' 8"
H Height	mm / ft in	2,100 / 6'11"	2,100 / 6'11"	2,100 / 6'11"	2,100 / 6'11"
Width	mm / ft in	1,500 / 4'11"	1,850 / 6' 1"	2,050 / 6' 9"	2,250 / 7' 5"
Weight	kg / lb	3,400 / 7,500	3,900 / 8,600	4,100 / 9,040	4,450 / 9,810



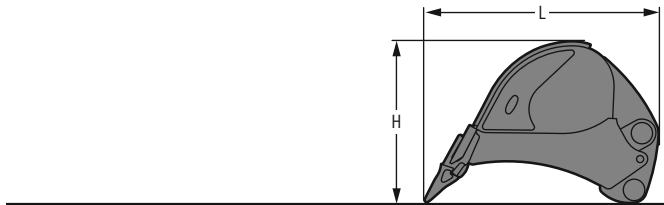
Backhoe buckets

					Std
Cutting width	mm / ft in	2,200 / 7'3"	2,300 / 7'7"	2,300 / 7'7"	2,500 / 8'2"
Capacity	m³ / yd³	5.20 / 6.80	5.60 / 7.32	6.20 / 8.11	6.80 / 8.89
L Length	mm / ft in	2,750 / 9'	2,750 / 9'	2,850 / 9'4"	2,850 / 9'4"
H Height	mm / ft in	2,150 / 7'1"	2,150 / 7'1"	2,150 / 7'1"	2,150 / 7'1"
Width	mm / ft in	2,250 / 7'5"	2,350 / 7'9"	2,350 / 7'9"	2,550 / 8'4"
Weight	kg / lb	4,650 / 10,250	4,850 / 10,690	5,050 / 11,130	5,400 / 11,910



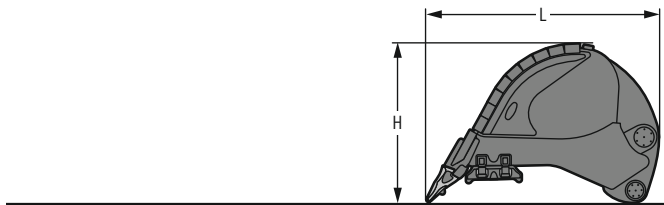
Backhoe buckets

					HD
Cutting width	mm / ft in	1,450 / 4'9"	1,800 / 5'11"	2,000 / 6'7"	2,200 / 7'3"
Capacity	m³ / yd³	2.60 / 3.40	3.60 / 4.71	4.10 / 5.36	4.60 / 6.02
L Length	mm / ft in	2,650 / 8' 8"	2,650 / 8' 8"	2,650 / 8' 8"	2,650 / 8' 8"
H Height	mm / ft in	2,100 / 6'11"	2,100 / 6'11"	2,100 / 6'11"	2,100 / 6'11"
Width	mm / ft in	1,500 / 4'11"	1,850 / 6' 1"	2,050 / 6' 9"	2,250 / 7' 5"
Weight	kg / lb	3,750 / 8,270	4,350 / 9,590	4,700 / 10,360	5,100 / 11,240



Backhoe buckets

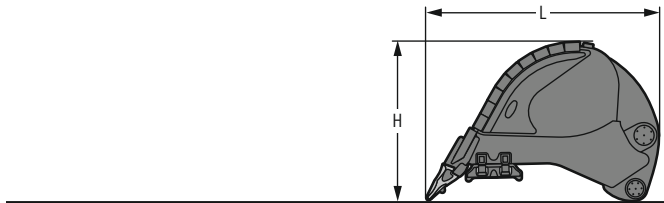
					HD
Cutting width	mm / ft in	2,200 / 7'3"	2,300 / 7'7"	2,300 / 7'7"	
Capacity	m³ / yd³	5.20 / 6.80	5.60 / 7.32	6.20 / 8.11	
L Length	mm / ft in	2,750 / 9'	2,750 / 9'	2,850 / 9'4"	
H Height	mm / ft in	2,150 / 7'1"	2,150 / 7'1"	2,150 / 7'1"	
Width	mm / ft in	2,250 / 7'5"	2,350 / 7'9"	2,350 / 7'9"	
Weight	kg / lb	5,300 / 11,680	5,550 / 12,240	5,800 / 12,790	



Backhoe buckets

HDV

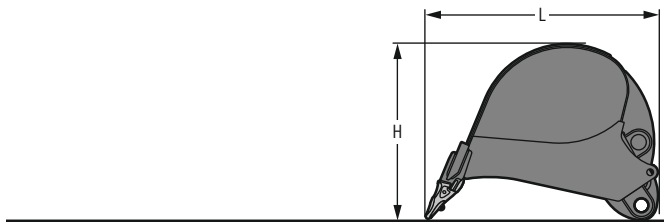
Cutting width	mm / ft in	1,800 / 5'11"	2,000 / 6'7"	2,000 / 6'7"
Capacity	m³ / yd³	3.70 / 4.84	4.20 / 5.49	4.70 / 6.15
L Length	mm / ft in	2,650 / 8'8"	2,650 / 8'8"	2,650 / 8'8"
H Height	mm / ft in	2,150 / 7'1"	2,150 / 7'1"	2,150 / 7'1"
Width	mm / ft in	1,850 / 6'1"	2,050 / 6'9"	2,250 / 7'5"
Weight	kg / lb	5,200 / 11,460	5,600 / 12,350	5,850 / 12,900



Backhoe buckets

HDV

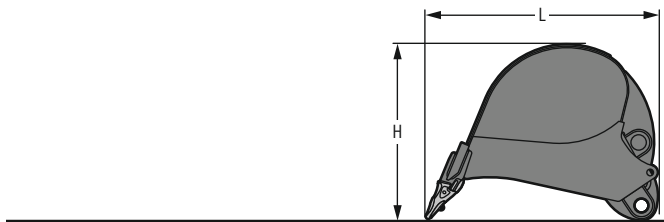
Cutting width	mm / ft in	2,200 / 7'3"	2,300 / 7'7"
Capacity	m³ / yd³	5.20 / 6.80	5.70 / 7.45
L Length	mm / ft in	2,750 / 9'	2,750 / 9'
H Height	mm / ft in	2,200 / 7'3"	2,200 / 7'3"
Width	mm / ft in	2,250 / 7'5"	2,350 / 7'9"
Weight	kg / lb	6,250 / 13,780	6,500 / 14,330



Backhoe buckets R 966

Std

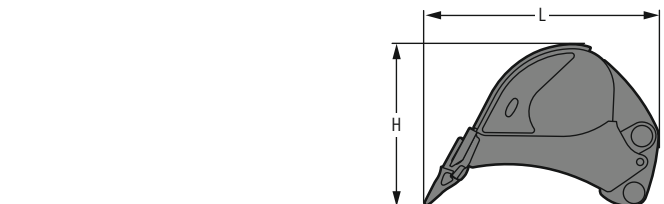
Cutting width	mm / ft in	1,400 / 4'7"	1,700 / 5'7"	1,950 / 6'5"	2,150 / 7'1"
Capacity	m³ / yd³	2.00 / 2.62	2.50 / 3.27	3.00 / 3.92	3.50 / 4.58
L Length	mm / ft in	2,300 / 7'7"	2,300 / 7'7"	2,300 / 7'7"	2,300 / 7'7"
H Height	mm / ft in	1,550 / 5'1"	1,550 / 5'1"	1,550 / 5'1"	1,550 / 5'1"
Width	mm / ft in	1,450 / 4'9"	1,750 / 5'9"	2,000 / 6'7"	2,200 / 7'3"
Weight	kg / lb	2,500 / 5,510	2,850 / 6,280	3,100 / 6,830	3,350 / 7,390



Backhoe buckets R 966

Std

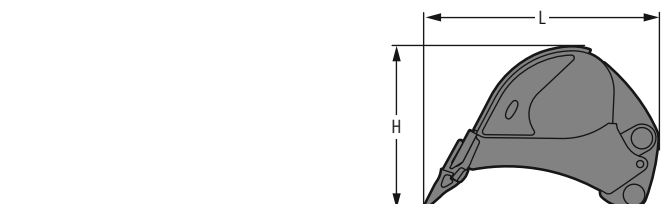
Cutting width	mm / ft in	1,950 / 6'5"	2,150 / 7'1"	2,250 / 7'5"	2,450 / 8'
Capacity	m³ / yd³	4.00 / 5.23	4.50 / 5.88	5.00 / 6.54	5.50 / 7.19
L Length	mm / ft in	2,500 / 8' 2"	2,500 / 8' 2"	2,500 / 8' 2"	2,500 / 8' 2"
H Height	mm / ft in	1,800 / 5'11"	1,800 / 5'11"	1,800 / 5'11"	1,800 / 5'11"
Width	mm / ft in	2,000 / 6' 7"	2,200 / 7' 3"	2,300 / 7' 7"	2,500 / 8' 2"
Weight	kg / lb	3,600 / 7,940	3,800 / 8,380	3,950 / 8,710	4,200 / 9,260



Backhoe buckets R 966

HD

Cutting width	mm / ft in	1,450 / 4'9"	1,750 / 5'9"	2,000 / 6'7"	2,200 / 7'3"
Capacity	m³ / yd³	2.00 / 2.62	2.50 / 3.27	3.00 / 3.92	3.50 / 4.58
L Length	mm / ft in	2,400 / 7'10"	2,400 / 7'10"	2,400 / 7'10"	2,400 / 7'10"
H Height	mm / ft in	1,600 / 5' 3"	1,600 / 5' 3"	1,600 / 5' 3"	1,600 / 5' 3"
Width	mm / ft in	1,500 / 4'11"	1,800 / 5'11"	2,050 / 6' 9"	2,250 / 7' 5"
Weight	kg / lb	3,100 / 6,830	3,600 / 7,940	3,900 / 8,600	4,300 / 9,480

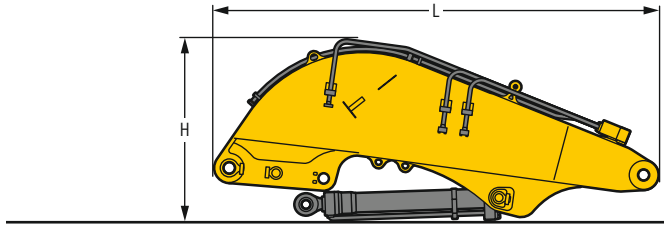


Backhoe buckets R 966

HD

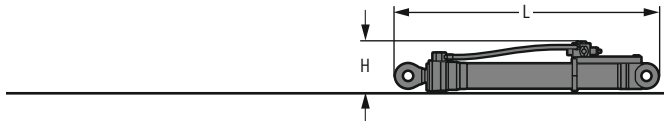
Cutting width	mm / ft in	2,000 / 6'7"	2,200 / 7'3"
Capacity	m³ / yd³	4.00 / 5.23	4.50 / 5.88
L Length	mm / ft in	2,650 / 8' 8"	2,650 / 8' 8"
H Height	mm / ft in	1,800 / 5'11"	1,800 / 5'11"
Width	mm / ft in	2,050 / 6' 9"	2,250 / 7' 5"
Weight	kg / lb	4,500 / 9,920	4,850 / 10,690

Dimensions and weights



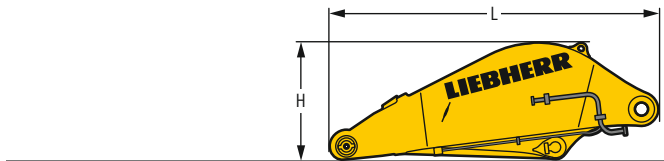
Shovel boom

L	Length	mm / ft in	4,950 / 16'3"
H	Height	mm / ft in	2,050 / 6'9"
	Width	mm / ft in	1,650 / 5'5"
	Weight without crowd cylinder	kg / lb	7,300 / 16,090
	Weight crowd cylinder	kg / lb	2 x 450 / 2 x 990



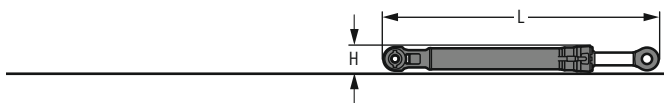
Shovel hoist cylinders (two)

L	Length	mm / ft in	2,920 / 9' 7"
H	Height	mm / ft in	550 / 1'10"
	Width	mm / ft in	450 / 1' 6"
	Weight	kg / lb	2 x 1,100 / 2 x 2,430



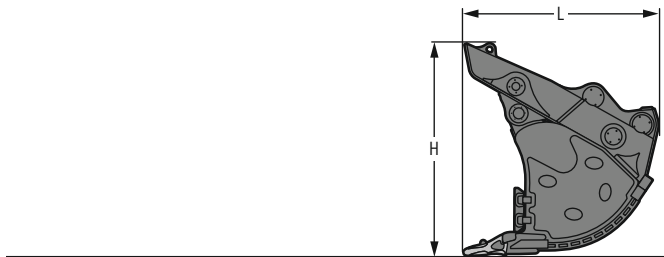
Shovel stick

L	Length	mm / ft in	3,660 / 12'
H	Height	mm / ft in	1,300 / 4' 3"
	Width	mm / ft in	1,800 / 5'11"
	Weight	kg / lb	4,650 / 10,250



Shovel bucket cylinders (two)

L	Length	mm / ft in	3,050 / 10'
H	Height	mm / ft in	450 / 1'6"
	Width	mm / ft in	450 / 1'6"
	Weight	kg / lb	2 x 625 / 2 x 1,380



Front shovels

Cutting width	mm / ft in	2,700 / 8'10"	2,700 / 8'10"	2,700 / 8'10"	2,700 / 8'10"
Capacity	m³ / yd³	5.10 / 6.67	5.40 / 7.06	5.60 / 7.32	6.00 / 7.85
L Length	mm / ft in	2,600 / 8' 6"	2,500 / 8' 2"	2,620 / 8' 7"	2,550 / 8' 4"
H Height	mm / ft in	2,700 / 8'10"	2,440 / 8'	2,470 / 8' 1"	2,465 / 8' 1"
Width	mm / ft in	2,700 / 8'10"	2,700 / 8'10"	2,700 / 8'10"	2,700 / 8'10"
Weight					
Level I	kg / lb	8,450 / 18,630	-	8,750 / 19,290	9,950 / 21,940
Level II	kg / lb	9,200 / 20,280	-	9,500 / 20,940	10,700 / 23,590
Level III	kg / lb	10,150 / 22,380	10,600 / 23,370	-	-