

Technical data



Engine

Rating	
per SAE J1349	443 HP (330 kW) at 1,800 rpm
per ISO 9249	449 HP (330 kW) at 1,800 rpm
Torque	2,750 Nm at 1,100 rpm / 2,028 lbf ft at 1,000 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	1,140 l / 301 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 410 l/min. / 2 x 108 gpm
Max. pressure	350 bar / 5,076 psi
For swing drive	Reversible, variable displacement, swashplate pump, closed-loop circuit
Max. flow	245 l/min. / 65 gpm
Max. pressure	370 bar / 5,366 psi
Pump regulation	Electro-hydraulic with electronic engine speed sensing regulation, minimum flow adjustment, flow compensation, high flow
Hydraulic tank	435 l / 115 gal
Hydraulic system	920 l / 243 gal
Filtration	2 full flow filters in return line with integrated fine filter area (5 µm / 2,500 mesh)
Cooling system	Compact cooler for water cooler, after-cooler, fuel cooler and transmission pump oil, sandwiched with 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	0-5.6 rpm stepless
Swing torque	233 kNm / 171,852 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	108 dB(A) = L _{WA} (surround noise)



Undercarriage

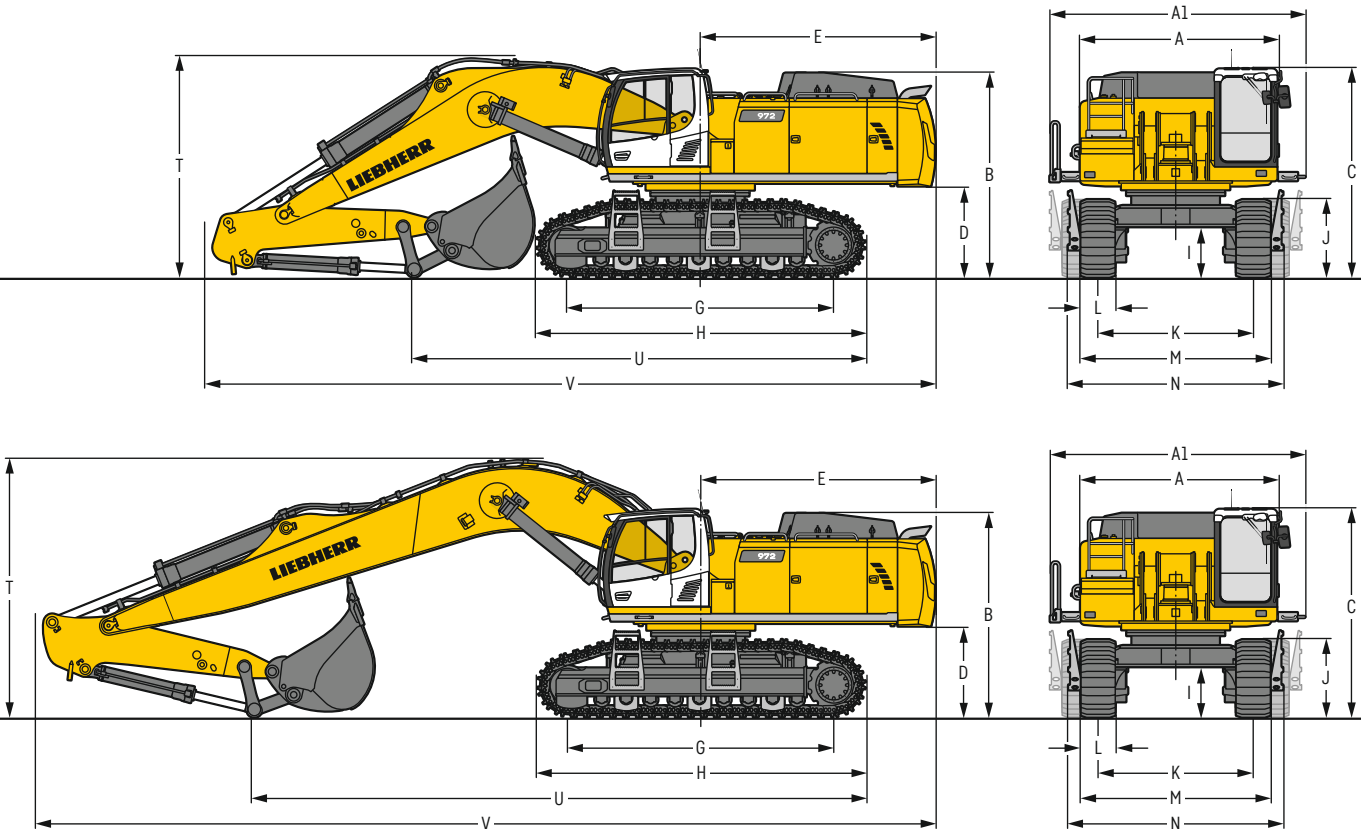
Versions	
HD	Gauge 3,300 mm / 10'10"
LC-V	Gauge 3,390 mm / 11' 1"
Drive	Liebherr swashplate motor with brake valves on both sides
Transmission	Liebherr compact planetary reduction gear
Maximum travel speed	4.1 km/h / 2.5 mph 3.6 km/h / 2.2 mph (with drawbar pull increase)
Drawbar pull on crawler	441 kN / 99,141 lbf 505 kN / 113,529 lbf (with drawbar pull increase)
Track components	D8K, maintenance-free
Track rollers / Carrier rollersz	9 / 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				3,515 / 11' 6"				3,515 / 11' 6"
A1	Uppercarriage width with catwalks				4,495 / 14' 9"				4,495 / 14' 9"
B	Uppercarriage height				3,450 / 11' 4"				3,600 / 11' 10"
C	Cab height				3,530 / 11' 7"				3,680 / 12' 5"
D	Counterweight ground clearance				1,445 / 4' 9"				1,595 / 5' 3"
E	Rear-end length				4,135 / 13' 7"				4,135 / 13' 7"
G	Wheelbase				4,575 / 15'				4,690 / 15' 5"
H	Undercarriage length				5,695 / 18' 8"				5,780 / 19'
I	Undercarriage ground clearance				610 / 2'				895 / 2' 11"
J	Track height				1,315 / 4' 4"				1,390 / 4' 7"
K	Track gauge				3,300 / 10' 10"				2,730 / 3,390 ²⁾ / 8' 11" / 11' 1" ²⁾
L	Track pad width	500 / 20"	600 / 24"	750 / 30"		500 / 20"	600 / 24"	750 / 30"	
M	Width over tracks	3,920 / 12' 10"	3,920 / 12' 10"	4,050 / 13' 3"		3,360 / 4,020 ²⁾ / 11' / 13' 2" ²⁾	3,360 / 4,020 ²⁾ / 11' / 13' 2" ²⁾	3,480 / 4,140 ²⁾ / 11' 5" / 13' 7" ²⁾	
N	Width over steps	4,330 ¹⁾ / 14' 2" ¹⁾	4,330 ¹⁾ / 14' 2" ¹⁾	4,330 ¹⁾ / 14' 2" ¹⁾		3,940 ¹⁾ / 4,600 ¹⁾ / 12' 11" ¹⁾ / 15' 1" ¹⁾	3,940 ¹⁾ / 4,600 ¹⁾ / 12' 11" ¹⁾ / 15' 1" ¹⁾	3,940 ¹⁾ / 4,600 ¹⁾ / 12' 11" ¹⁾ / 15' 1" ¹⁾	

¹⁾ width with removable steps
²⁾ work position

		Stick length m / ft in	Mono boom 7.00 m / 23' direct mounting		Mono boom 8.20 m / 26' 11" direct mounting		Mono boom 10.00 m / 32' 10" direct mounting	
			HD	LC-V	HD	LC-V	HD	LC-V
T	Boom height	2.60 / 8' 6"	3,900 / 12' 10"	3,900 / 12' 10"	-	-	-	-
		3.00 / 9' 10"	4,000 / 13' 1"	4,000 / 13' 1"	4,050 / 13' 3"	4,150 / 13' 7"	4,500 / 14' 9"	4,550 / 14' 11"
		3.40 / 11' 2"	4,200 / 13' 9"	4,200 / 13' 9"	4,150 / 13' 7"	4,200 / 13' 9"	4,550 / 14' 11"	4,600 / 15' 1"
		4.20 / 13' 9"	3,800* / 12' 6"	3,850* / 12' 8"	4,200 / 13' 9"	4,250 / 13' 11"	4,200 / 13' 9"	4,700 / 15' 5"
		5.00 / 16' 5"	-	-	4,150 / 13' 7"	4,150 / 13' 7"	3,800 / 12' 6"	4,700 / 15' 5"
U	Length on ground	2.60 / 8' 6"	8,000 / 26' 3"	7,950 / 26' 1"	-	-	-	-
		3.00 / 9' 10"	6,150 / 20' 2"	7,600 / 24' 11"	8,900 / 29' 2"	8,850 / 29'	10,800 / 35' 5"	10,800 / 35' 5"
		3.40 / 11' 2"	6,000 / 19' 8"	6,000 / 19' 8"	8,500 / 27' 11"	8,450 / 27' 9"	10,400 / 34' 1"	10,400 / 34' 1"
		4.20 / 13' 9"	9,550* / 31' 4"	9,550* / 31' 4"	7,650 / 25' 1"	7,650 / 25' 1"	9,600 / 31' 6"	9,550 / 31' 4"
		5.00 / 16' 5"	-	-	6,500 / 21' 4"	6,450 / 21' 2"	8,550 / 28' 1"	8,500 / 27' 11"
V	Overall length	2.60 / 8' 6"	12,850 / 42' 2"	12,850 / 42' 2"	-	-	-	-
		3.00 / 9' 10"	12,750 / 41' 10"	12,750 / 41' 10"	14,000 / 45' 11"	13,950 / 45' 9"	15,850 / 52'	15,850 / 52'
		3.40 / 11' 2"	12,850 / 42' 2"	12,800 / 42'	14,100 / 46' 3"	14,100 / 46' 3"	15,850 / 52'	15,850 / 52'
		4.20 / 13' 9"	12,700* / 41' 8"	12,700* / 41' 8"	14,150 / 46' 5"	14,100 / 46' 3"	15,850 / 52'	15,850 / 52'
		5.00 / 16' 5"	-	-	14,100 / 46' 3"	14,050 / 46' 1"	15,850 / 52'	15,800 / 51'
	Bucket		4.00 m ³ / 5.23 yd ³		3.00 m ³ / 3.92 yd ³		2.00 m ³ / 2.62 yd ³	

* without bucket

Transport dimensions

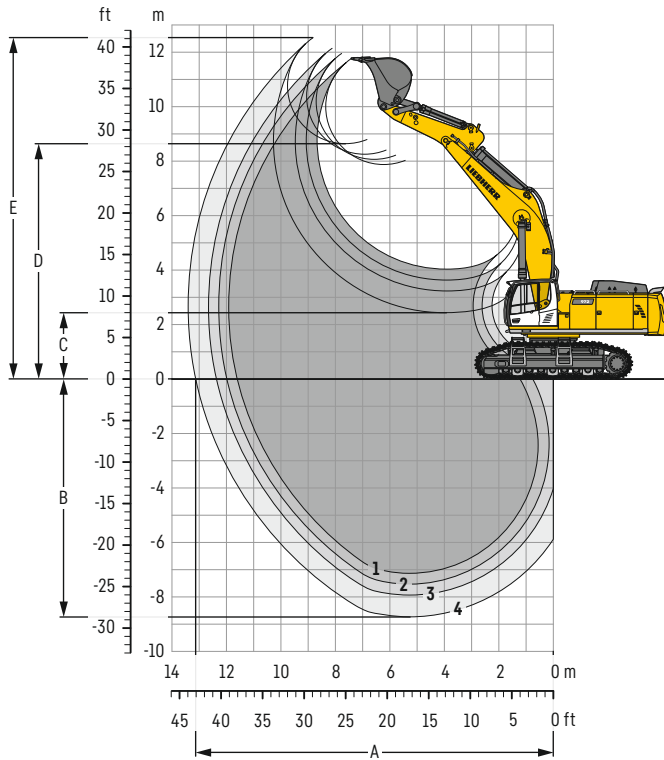
removable elements disassembled

		Mono boom 7.00 m / 23'		Mono boom 8.20 m / 26' 11"		Mono boom 10.00 m / 32' 10"	
		mm / ft in		mm / ft in		mm / ft in	
Transport width		4,495 / 14' 9"		4,495 / 14' 9"		4,495 / 14' 9"	
	Undercarriage / Stick m / ft in	HD	LC-V	HD	LC-V	HD	LC-V
		mm / ft in		mm / ft in		mm / ft in	
Transport length	2.60 / 8' 6"	12,850 / 42' 2"	12,850 / 42' 2"	-	-	-	-
	3.00 / 9' 10"	12,750 / 41' 10"	12,750 / 41' 10"	14,000 / 45' 11"	13,950 / 45' 9"	15,850 / 52'	15,850 / 52'
	3.40 / 11' 2"	12,850 / 42' 2"	12,800 / 42'	14,100 / 46' 3"	14,100 / 46' 3"	15,850 / 52'	15,850 / 52'
	4.20 / 13' 9"	12,700* / 41' 8"	12,700* / 41' 8"	14,150 / 46' 5"	14,100 / 46' 3"	15,850 / 52'	15,850 / 52'
	5.00 / 16' 5"	-	-	14,100 / 46' 3"	14,050 / 46' 1"	15,850 / 52'	15,800 / 51' 10"
Transport height	2.60 / 8' 6"	3,900 / 12' 10"	3,900 / 12' 10"	-	-	-	-
	3.00 / 9' 10"	4,000 / 13' 1"	4,000 / 13' 1"	4,050 / 13' 3"	4,150 / 13' 7"	4,500 / 14' 9"	4,550 / 14' 11"
	3.40 / 11' 2"	4,200 / 13' 9"	4,200 / 13' 9"	4,150 / 13' 7"	4,200 / 13' 9"	4,550 / 14' 11"	4,600 / 15' 1"
	4.20 / 13' 9"	3,800* / 12' 6"	3,850* / 12' 8"	4,200 / 13' 9"	4,250 / 13' 11"	4,200 / 13' 9"	4,700 / 15' 5"
	5.00 / 16' 5"	-	-	4,150 / 13' 7"	4,150 / 13' 7"	3,800 / 12' 6"	4,700 / 15' 5"
Bucket		4.00 m ³ / 5.23 yd ³		3.00 m ³ / 3.92 yd ³		2.00 m ³ / 2.62 yd ³	

* without bucket

Backhoe bucket

with mono boom 7.00 m / 23'



Digging envelope

without quick coupler		1	2	3	4
Stick length	m / ft in	2.60 / 8'6"	3.00 / 9'10"	3.40 / 11'2"	4.20 / 13'9"
A Max. reach at ground level	m / ft in	11.60 / 38'1"	11.95 / 39' 2"	12.35 / 40'6"	13.10 / 43'
B Max. digging depth	m / ft in	7.15 / 23'5"	7.55 / 24' 9"	7.95 / 26'1"	8.75 / 28'8"
C Min. dumping height	m / ft in	4.05 / 13'3"	3.65 / 12'	3.25 / 10'8"	2.45 / 8'
D Max. dumping height	m / ft in	7.85 / 25'9"	8.05 / 26' 5"	8.25 / 27'1"	8.65 / 28'5"
E Max. cutting height	m / ft in	11.75 / 38'7"	11.95 / 39' 2"	12.10 / 39'8"	12.50 / 41'

Forces

without quick coupler		1	2	3	4
Stick digging force (ISO 6015)	kN / lbf	308 / 69,240	282 / 63,400	260 / 58,450	225 / 50,580
Bucket digging force (ISO 6015)	kN / lbf	354 / 79,580	354 / 79,580	354 / 79,580	354 / 79,580
Stick digging force (SAE J1179)	kN / lbf	289 / 64,970	266 / 59,800	247 / 55,530	215 / 48,330
Bucket digging force (SAE J1179)	kN / lbf	306 / 68,790	306 / 68,790	306 / 68,790	306 / 68,790

Operating weight and ground pressure

The operating weight includes the basic machine with counterweight 11.0t / 24,250 lb, mono boom 7.00 m / 23', stick 2.60 m / 8'6" and HD bucket 4.00 m³ / 5.23 yd³ (4,500 kg / 9,920 lb).

Undercarriage	HD			
Pad width	mm / in	500 / 20"	600 / 24"	750 / 30"
Weight	kg / lb	68,450 / 150,910	69,150 / 152,450	70,150 / 154,650
Ground pressure	kg/cm ² / psi	1.38 / 19.6	1.16 / 16.5	0.94 / 13.4

Undercarriage	LC-V			
Pad width	mm / in	500 / 20"	600 / 24"	750 / 30"
Weight	kg / lb	71,200 / 156,970	71,900 / 158,510	73,000 / 160,940
Ground pressure	kg/cm ² / psi	1.41 / 20.1	1.18 / 16.8	0.96 / 13.7

The operating weight includes the basic machine with counterweight 14.5t / 31,970 lb, mono boom 7.00 m / 23', stick 2.60 m / 8'6" and HD bucket 4.00 m³ / 5.23 yd³ (4,500 kg / 9,920 lb).

Undercarriage	HD			
Pad width	mm / in	500 / 20"	600 / 24"	750 / 30"
Weight	kg / lb	71,950 / 158,630	72,650 / 160,170	73,650 / 162,370
Ground pressure	kg/cm ² / psi	1.45 / 20.6	1.23 / 17.5	1.01 / 14.4

Undercarriage	LC-V			
Pad width	mm / in	500 / 20"	600 / 24"	750 / 30"
Weight	kg / lb	74,700 / 164,690	75,400 / 166,230	76,500 / 168,660
Ground pressure	kg/cm ² / psi	1.48 / 21.1	1.25 / 17.8	1.03 / 14.7

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

Cutting width mm ft in	Capacity ISO 7451 m³ yd³	Weight kg lb	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)				
			2.60 8'6"	3.00 9'10"	3.40 11'2"	2.60 8'6"	3.00 9'10"	3.40 11'2"		
with counterweight 11.0t / 24,250 lb										
STD ¹⁾	2,150 7'1"	3.50 4.58	3,350 7,390	▲	▲	■	▲	▲	■	
	1,950 6'5"	4.00 5.23	3,600 7,940	▲	▲	■	▲	▲	■	
	2,150 7'1"	4.50 5.88	3,800 8,380	■	■	△	▲	■	△	
	2,250 7'5"	5.00 6.54	3,950 8,710	▲	■	△	■	■	△	
	2,450 8'	5.50 7.19	4,200 9,260	■	△	-	▲	△	-	
	2,000 6'7"	3.00 3.92	3,900 8,600	▲	▲	■	▲	▲	■	
HD ²⁾	2,200 7'3"	3.50 4.58	4,300 9,480	▲	▲	■	▲	▲	■	
	2,000 6'7"	4.00 5.23	4,500 9,920	▲	■	△	▲	■	△	
	2,200 7'3"	4.50 5.88	4,850 10,690	■	■	-	▲	■	-	
	2,300 7'7"	5.00 6.54	5,050 11,130	■	△	-	■	△	-	
	2,000 6'7"	3.00 3.92	4,350 9,590	▲	▲	■	▲	▲	■	
	2,200 7'3"	3.50 4.58	4,750 10,470	▲	▲	■	▲	▲	■	
HDV ³⁾	2,000 6'7"	4.00 5.23	5,000 11,020	▲	▲	△	▲	▲	△	
	2,200 7'3"	4.50 5.88	5,350 11,800	▲	■	-	■	■	-	
	2,300 7'7"	5.00 6.54	5,600 12,350	■	△	-	▲	△	-	
	with counterweight 14.5t / 31,970 lb									
	STD ¹⁾	2,150 7'1"	3.50 4.58	3,350 7,390	▲	▲	■	▲	▲	■
		1,950 6'5"	4.00 5.23	3,600 7,940	▲	▲	■	▲	▲	■
2,150 7'1"		4.50 5.88	3,800 8,380	▲	■	△	▲	■	△	
2,250 7'5"		5.00 6.54	3,950 8,710	▲	■	△	▲	■	△	
2,450 8'		5.50 7.19	4,200 9,260	■	△	-	■	△	-	
2,000 6'7"		3.00 3.92	3,900 8,600	▲	▲	■	▲	▲	■	
HD ²⁾	2,200 7'3"	3.50 4.58	4,300 9,480	▲	▲	■	▲	▲	■	
	2,000 6'7"	4.00 5.23	4,500 9,920	▲	■	△	▲	■	△	
	2,200 7'3"	4.50 5.88	4,850 10,690	▲	■	-	▲	■	-	
	2,300 7'7"	5.00 6.54	5,050 11,130	▲	△	-	▲	△	-	
	2,000 6'7"	3.00 3.92	4,350 9,590	▲	▲	■	▲	▲	■	
	2,200 7'3"	3.50 4.58	4,750 10,470	▲	▲	■	▲	▲	■	
HDV ³⁾	2,000 6'7"	4.00 5.23	5,000 11,020	▲	▲	△	▲	▲	△	
	2,200 7'3"	4.50 5.88	5,350 11,800	▲	■	-	▲	■	-	
	2,300 7'7"	5.00 6.54	5,600 12,350	■	△	-	■	△	-	

* 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

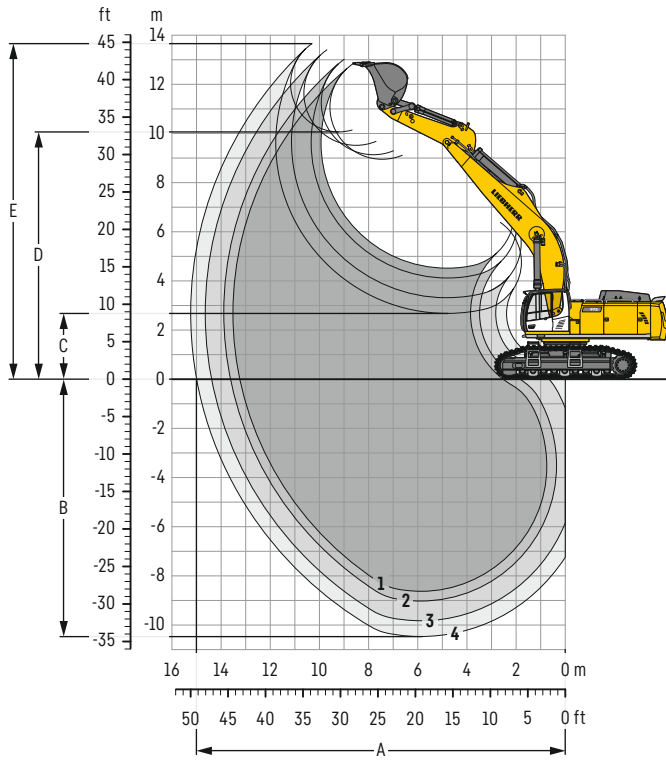
³⁾ HDV bucket with Liebherr teeth Z 90

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, - = not authorized

Backhoe bucket

with mono boom 8.20 m / 26'11"



Digging envelope

without quick coupler		1	2	3	4*
Stick length	m / ft in	3.00 / 9'10"	3.40 / 11' 2"	4.20 / 13' 9"	5.00 / 16' 5"
A Max. reach at ground level	m / ft in	13.25 / 43' 6"	13.60 / 44' 7"	14.35 / 47' 1"	14.95 / 49' 1"
B Max. digging depth	m / ft in	8.65 / 28' 5"	9.05 / 29' 8"	9.85 / 32' 4"	10.50 / 34' 5"
C Min. dumping height	m / ft in	4.50 / 14' 9"	4.10 / 13' 5"	3.30 / 10'10"	2.70 / 8'10"
D Max. dumping height	m / ft in	8.95 / 29' 4"	9.10 / 29'10"	9.50 / 31' 2"	10.05 / 33'
E Max. cutting height	m / ft in	12.80 / 42'	13.00 / 42' 8"	13.40 / 44'	13.60 / 44' 7"

Forces

without quick coupler		1	2	3	4*
Stick digging force (ISO 6015)	kN / lbf	282 / 63,400	260 / 58,450	225 / 50,580	205 / 46,090
Bucket digging force (ISO 6015)	kN / lbf	354 / 79,580	354 / 79,580	354 / 79,580	314 / 70,590
Stick digging force (SAE J1179)	kN / lbf	266 / 59,800	247 / 55,530	215 / 48,330	190 / 42,710
Bucket digging force (SAE J1179)	kN / lbf	306 / 68,790	306 / 68,790	306 / 68,790	272 / 61,150

* with kinematic R 956 Litronic

Operating weight and ground pressure

The operating weight includes the basic machine with counterweight 11.0t / 24,250 lb, mono boom 8.20 m / 26'11", stick 3.00 m / 9'10" and HD bucket 3.00 m³ / 3.92 yd³ (3,900 kg / 8,600 lb).

Undercarriage		HD	
Pad width	mm / in	500 / 20"	600 / 24"
Weight	kg / lb	68,850 / 151,790	69,550 / 153,330
Ground pressure	kg/cm² / psi	1.39 / 19.8	1.17 / 16.6

Undercarriage		LC-V	
Pad width	mm / in	500 / 20"	600 / 24"
Weight	kg / lb	71,600 / 157,850	72,300 / 159,390
Ground pressure	kg/cm² / psi	1.42 / 20.2	1.19 / 16.9

The operating weight includes the basic machine with counterweight 14.5t / 31,970 lb, mono boom 8.20 m / 26'11", stick 3.00 m / 9'10" and HD bucket 3.00 m³ / 3.92 yd³ (3,900 kg / 8,600 lb).

Undercarriage		HD	
Pad width	mm / in	500 / 20"	600 / 24"
Weight	kg / lb	72,350 / 159,510	73,050 / 161,050
Ground pressure	kg/cm² / psi	1.46 / 20.8	1.24 / 17.6

Undercarriage		LC-V	
Pad width	mm / in	500 / 20"	600 / 24"
Weight	kg / lb	75,100 / 165,570	75,800 / 167,110
Ground pressure	kg/cm² / psi	1.49 / 21.2	1.26 / 17.9

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

	Cutting width mm ft in	Capacity ISO 7451 m³ yd³	Weight kg lb	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)			
				3.00 9'10"	3.40 11'2"	4.20 13'9"	5.00 16'5"	3.00 9'10"	3.40 11'2"	4.20 13'9"	5.00 16'5"
				with counterweight 11.0t / 24,250 lb							
STD ¹⁾	1,400 4'7"	2.00 2.62	2,500 5,510	▲	▲	▲	-	▲	▲	▲	-
	1,700 5'7"	2.50 3.27	2,850 6,280	▲	▲	▲	-	▲	▲	▲	-
	1,950 6'5"	3.00 3.92	3,100 6,830	▲	■	△	-	▲	▲	△	-
	1,450 4'9"	2.00 2.62	3,100 6,830	▲	▲	▲	-	▲	▲	▲	-
HD ²⁾	1,750 5'9"	2.50 3.27	3,600 7,940	▲	▲	△	-	▲	▲	△	-
	2,000 6'7"	3.00 3.92	3,900 8,600	■	▲	-	-	▲	■	-	-
	1,450 4'9"	2.00 2.62	3,500 7,720	▲	▲	■	-	▲	▲	■	-
	1,750 5'9"	2.50 3.27	4,000 8,820	▲	▲	△	-	▲	▲	△	-
HDV ³⁾	2,000 6'7"	3.00 3.92	4,350 9,590	▲	■	-	-	▲	■	-	-
	1,350 4'5"	1.65 2.16	2,100 4,630	-	-	-	■	-	-	-	■
	1,550 5'1"	2.00 2.62	2,250 4,960	-	-	-	■	-	-	-	■
	1,750 5'9"	2.35 3.07	2,450 5,400	-	-	-	△	-	-	-	△
STD ⁴⁾	1,350 4'5"	1.65 2.16	2,350 5,180	-	-	-	■	-	-	-	■
	1,550 5'1"	2.00 2.62	2,650 5,840	-	-	-	△	-	-	-	△
	1,350 4'5"	1.65 2.16	2,350 5,180	-	-	-	■	-	-	-	■
	1,550 5'1"	2.00 2.62	2,650 5,840	-	-	-	△	-	-	-	△
with counterweight 14.5t / 31,970 lb											
STD ¹⁾	1,400 4'7"	2.00 2.62	2,500 5,510	▲	▲	▲	-	▲	▲	▲	-
	1,700 5'7"	2.50 3.27	2,850 6,280	▲	▲	▲	-	▲	▲	▲	-
	1,950 6'5"	3.00 3.92	3,100 6,830	▲	▲	△	-	▲	▲	△	-
	1,450 4'9"	2.00 2.62	3,100 6,830	▲	▲	▲	-	▲	▲	▲	-
HD ²⁾	1,750 5'9"	2.50 3.27	3,600 7,940	▲	▲	△	-	▲	▲	△	-
	2,000 6'7"	3.00 3.92	3,900 8,600	▲	▲	-	-	▲	▲	-	-
	1,450 4'9"	2.00 2.62	3,500 7,720	▲	▲	■	-	▲	▲	■	-
	1,750 5'9"	2.50 3.27	4,000 8,820	▲	▲	△	-	▲	▲	△	-
HDV ³⁾	2,000 6'7"	3.00 3.92	4,350 9,590	▲	■	-	-	▲	■	-	-
	1,350 4'5"	1.65 2.16	2,100 4,630	-	-	-	■	-	-	-	■
	1,550 5'1"	2.00 2.62	2,250 4,960	-	-	-	■	-	-	-	■
	1,750 5'9"	2.35 3.07	2,450 5,400	-	-	-	△	-	-	-	△
STD ⁴⁾	1,350 4'5"	1.65 2.16	2,350 5,180	-	-	-	■	-	-	-	■
	1,550 5'1"	2.00 2.62	2,650 5,840	-	-	-	△	-	-	-	△
	1,350 4'5"	1.65 2.16	2,350 5,180	-	-	-	■	-	-	-	■
	1,550 5'1"	2.00 2.62	2,650 5,840	-	-	-	△	-	-	-	△

* 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

⁴⁾ Standard bucket from R 956 Litronic with Liebherr teeth Z 70

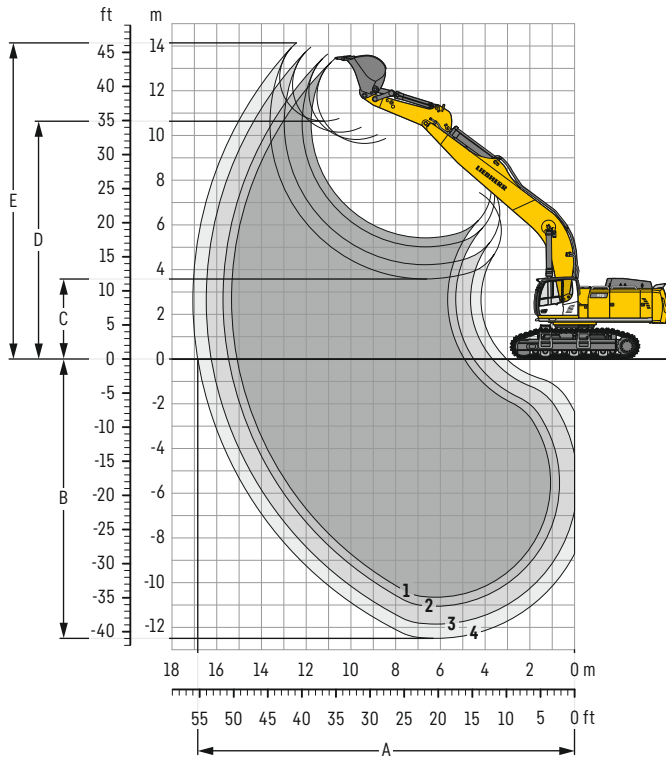
⁵⁾ HD bucket from R 956 Litronic with Liebherr teeth Z 70

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

Backhoe bucket

with mono boom 10.00 m / 32'10"



Digging envelope

without quick coupler		1	2	3	4*
Stick length	m / ft in	3.00 / 9'10"	3.40 / 11'2"	4.20 / 13' 9"	5.00 / 16' 5"
A Max. reach at ground level	m / ft in	15.10 / 49' 6"	15.45 / 50'8"	16.20 / 53' 2"	16.80 / 55' 1"
B Max. digging depth	m / ft in	10.65 / 34'11"	11.05 / 36'3"	11.85 / 38'11"	12.50 / 41'
C Min. dumping height	m / ft in	5.40 / 17' 9"	5.00 / 16'5"	4.20 / 13' 9"	3.60 / 11'10"
D Max. dumping height	m / ft in	9.65 / 31' 8"	9.80 / 32'2"	10.15 / 33' 4"	10.60 / 34' 9"
E Max. cutting height	m / ft in	13.40 / 44'	13.60 / 44'7"	13.90 / 45' 7"	14.10 / 46' 3"

Forces

without quick coupler		1	2	3	4*
Stick digging force (ISO 6015)	kN / lbf	282 / 63,400	260 / 58,450	225 / 50,580	205 / 46,090
Bucket digging force (ISO 6015)	kN / lbf	354 / 79,580	354 / 79,580	354 / 79,580	314 / 70,590
Stick digging force (SAE J1179)	kN / lbf	266 / 59,800	247 / 55,530	215 / 48,330	190 / 42,710
Bucket digging force (SAE J1179)	kN / lbf	306 / 68,790	306 / 68,790	306 / 68,790	272 / 61,150

* with kinematic R 956 Litronic

Operating weight and ground pressure

The operating weight includes the basic machine with counterweight 14.5 t / 31,970 lb, mono boom 10.00 m / 32'10", stick 4.20 m / 11'2" and HD bucket 2.00 m³ / 2.62 yd³ (3,100 kg / 6,830 lb).

Undercarriage		HD		
Pad width	mm / in	500 / 20"	600 / 24"	750 / 30"
Weight	kg / lb	73,000 / 160,940	73,700 / 162,480	74,700 / 164,690
Ground pressure	kg/cm² / psi	1.48 / 21.1	1.24 / 17.6	1.01 / 14.4

Undercarriage		LC-V		
Pad width	mm / in	500 / 20"	600 / 24"	750 / 30"
Weight	kg / lb	75,750 / 167,000	76,450 / 168,540	77,550 / 170,970
Ground pressure	kg/cm² / psi	1.50 / 21.3	1.27 / 18.1	1.03 / 14.7

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	3.00	3.40	4.20	5.00	3.00	3.40	4.20	5.00
	ft in	yd³	lb	9'10"	11'2"	13'9"	16'5"	9'10"	11'2"	13'9"	16'5"
with counterweight 14.5t/31,970 lb											
STD ¹⁾	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								
	2,150	3.50	3,350	△	△	-	-	■	△	-	-
	7'1"	4.58	7,390								
HD ²⁾	1,950	4.00	3,600	-	-	-	-	△	△	-	-
	6'5"	5.23	7,940								
	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								
HDV ³⁾	2,200	3.50	4,300	-	-	-	-	△	△	-	-
	7'3"	4.58	9,480								
	1,450	2.00	3,500	▲	▲	▲	-	▲	▲	▲	-
	4'9"	2.62	7,720								
	1,750	2.50	4,000	▲	■	-	-	■	■	-	-
	5'9"	3.27	8,820								
	2,000	3.00	4,350	△	△	-	-	■	△	-	-
	6'7"	3.92	9,590								
STD ⁴⁾	2,200	3.50	4,750	-	-	-	-	△	-	-	-
	7'3"	4.58	10,470								
	1,350	1.65	2,100	-	-	-	■	-	-	-	■
	4'5"	2.16	4,630								
HD ⁵⁾	1,550	2.00	2,250	-	-	-	△	-	-	-	△
	5'1"	2.62	4,960								
	1,350	1.65	2,350	-	-	-	▲	-	-	-	▲
	4'5"	2.16	5,180								
HD ⁵⁾	1,550	2.00	2,650	-	-	-	△	-	-	-	△
	5'1"	2.62	5,840								

* 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

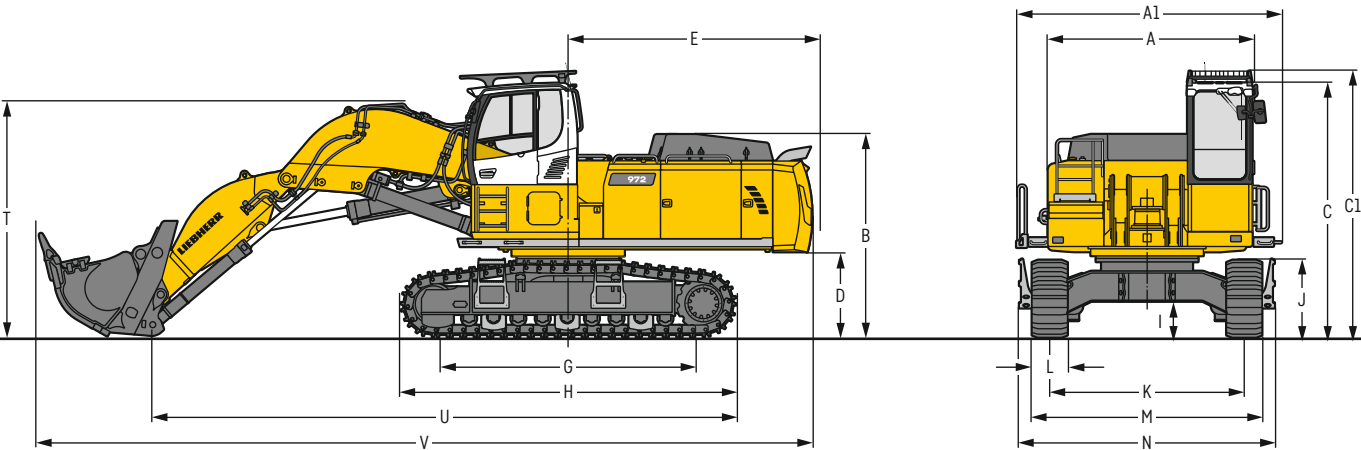
⁴⁾ Standard bucket from R 956 Litronic with Liebherr teeth Z 70

⁵⁾ HD bucket from R 956 Litronic with Liebherr teeth Z 70

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		HD	mm / ft in
A	Uppercarriage width	3,515 / 11' 6"	I	Undercarriage ground clearance	610 / 2'
A1	Uppercarriage width with catwalks	4,495 / 14' 9"	J	Track height	1,315 / 4' 4"
B	Uppercarriage height	3,450 / 11' 4"	K	Track gauge	3,300 / 10' 10"
C	Cab height	4,330 / 14' 2"	L	Track pad width	500 / 20" 600 / 24" 750 / 30"
C1	Cab height with FOPS top guard	4,525 / 14' 10"	M	Width over tracks	3,920 / 12' 10" 3,920 / 12' 10" 4,050 / 13' 3"
D	Counterweight ground clearance	1,445 / 4' 9"	N	Width over steps	4,330* / 14' 2"* 4,330* / 14' 2"* 4,330* / 14' 2"*
E	Rear-end length	4,135 / 13' 7"	T	Boom height	4,000 / 13' 1"
G	Wheelbase	4,575 / 15'	U	Length on ground	9,900 / 32' 6"
H	Undercarriage length	5,695 / 18' 8"	V	Overall length	13,200 / 43' 4"

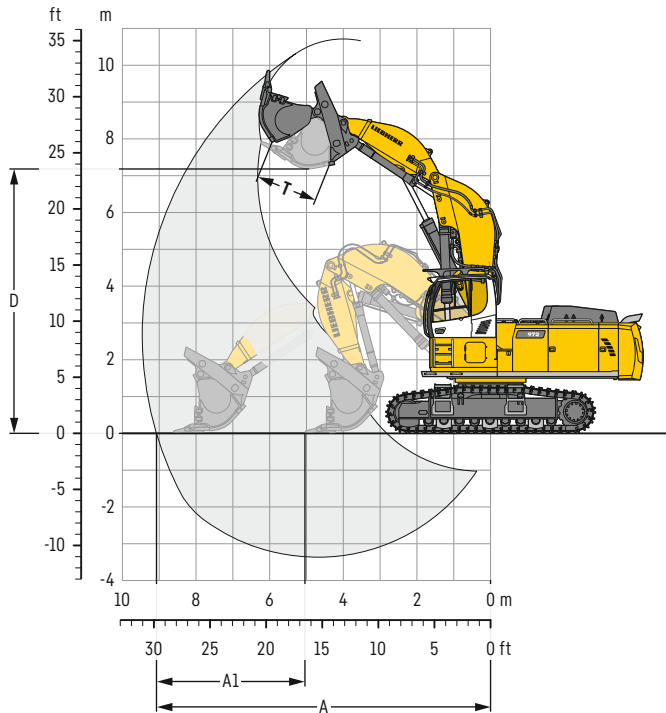
* width with removable steps

Transport dimensions

removable elements disassembled

	Shovel equipment
	mm / ft in
Transport width	4,495 / 14' 9"
Transport length	13,200 / 43' 4"
Transport height	4,525 / 14' 10"
Shovel	4.00 m ³ / 5.23 yd ³

Front shovel



Digging envelope

A	Max. reach at ground level	m / ft in	9.10 / 29'10"
A1	Max. crowd length	m / ft in	3.60 / 11'10"
D	Max. dumping height	m / ft in	7.15 / 23' 5"
T	Bucket opening width	mm / ft in	1,650 / 5' 5"

Forces

Max. crowd force	kN / lbf	500 / 112,410
Max. crowd force at ground level	kN / lbf	410 / 92,170
Max. breakout force	kN / lbf	370 / 83,180

Operating weight and ground pressure

The operating weight includes the basic machine with cab elevation 800 mm / 2'7", shovel equipment and front shovel 4.00 m³ / 5.23 yd³ (7,000 kg / 15,430 lb) level II.

Undercarriage		HD	
Pad width	mm / in	500 / 20"	600 / 24"
Weight	kg / lb	69,950 / 154,210	70,650 / 155,760
Ground pressure	kg/cm ² / psi	1.41 / 20.1	1.18 / 16.8

Front shovels

Cutting width	Capacity	Weight	Wear kit level		HD undercarriage	Shovel equipment
mm	m ³	kg				
ft in	yd ³	lb				
2,350	3.50	6,600	II			▲
7'9"	4.58	14,550				
2,350	3.50	7,350	III			▲
7'9"	4.58	16,200				
2,600	4.00	6,500	I			▲
8'6"	5.23	14,330				
2,600	4.00	7,000	II			■
8'6"	5.23	15,430				
2,600	4.00	7,900	III			▲
8'6"	5.23	17,420				
2,600	4.50	6,700	I			▲
8'6"	5.88	14,770				
2,600	4.50	7,200	II			▲
8'6"	5.88	15,870				
2,600	4.50	7,800	III			■
8'6"	5.88	17,200				
2,600	5.00	6,800	I			■
8'6"	6.54	14,990				
2,600	5.00	7,500	II			△
8'6"	6.54	16,540				

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, △ = ≤ 1.2 t/m³ / 2,000 lb/yd³

Lift capacities

with mono boom 7.00 m / 23', counterweight 11.0 t / 24,250 lb and track pads 750 mm / 30"

Stick 2.60 m / 8'6"

Under-carriage		3.0m 10ft		4.5m 15ft		6.0m 20ft		7.5m 25ft		9.0m 30ft		10.5m 35ft				
															m ft in	
HD	9.0m t													10.1*	10.1*	7.2
	30ft lb													22.4*	22.4*	23'
	7.5m t							14.8*	14.8*					9.4*	9.4*	8.3
	25ft lb							32.6*	32.6*					20.8*	20.8*	27'1"
	6.0m t			23.2*	23.2*	18.1*	18.1*	15.6*	15.6*	11.8*	11.8*			9.2*	9.2*	9.1
	20ft lb					39.1*	39.1*	33.9*	33.9*					20.3*	20.3*	29'10"
	4.5m t					20.9*	20.9*	16.7*	16.9*	12.7*	14.8*			9.3*	9.3*	9.6
	15ft lb					44.9*	44.9*	36.1*	36.6*	27.3*	32.3*			20.5*	20.5*	31'5"
	3.0m t					21.8*	23.5*	16.0*	18.3*	12.3*	15.4*			9.7*	9.7*	9.8
	10ft lb					47.0*	50.6*	34.4*	39.5*	26.5*	33.6*			21.3*	21.3*	32'1"
LC-V	1.5m t					20.9*	24.8*	15.4*	19.2*	12.0*	15.9*			10.4*	10.4*	9.7
	5ft lb					45.0*	53.7*	33.1*	41.6*	25.8*	34.5*			22.9*	22.9*	32'
	0m t			21.8*	21.8*	20.6*	24.9*	15.1*	19.5*	11.8*	15.9*			11.1*	11.7*	9.4
	0ft lb			51.2*	51.2*	44.2*	53.9*	32.4*	42.2*	25.4*	34.3*			24.4*	25.7*	31'
	-1.5m t	23.2*	23.2*	29.9*	29.9*	20.6*	23.7*	15.0*	18.8*					12.1*	13.8*	8.9
	-5ft lb	52.3*	52.3*	65.2*	65.2*	44.3*	51.4*	32.3*	40.6*					26.6*	30.6*	29'1"
	-3.0m t	31.0*	31.0*	26.4*	26.4*	21.0*	21.2*	15.3*	16.6*					14.2*	14.9*	8.0
	-10ft lb	67.8*	67.8*	57.3*	57.3*	45.0*	45.7*	33.0*	35.4*					31.4*	32.9*	26'1"
	-4.5m t			20.4*	20.4*	16.1*	16.1*							13.9*	13.9*	6.6
	-15ft lb			43.6*	43.6*	34.0*	34.0*							30.3*	30.3*	21'5"
LC-V	9.0m t													9.9*	9.9*	7.2
	30ft lb													22.1*	22.1*	23'
	7.5m t							14.9*	14.9*					9.3*	9.3*	8.3
	25ft lb							32.6*	32.6*					20.7*	20.7*	27'1"
	6.0m t			23.9*	23.9*	18.4*	18.4*	15.7*	15.7*	13.3*	13.3*			9.2*	9.2*	9.1
	20ft lb			50.9*	50.9*	39.6*	39.6*	34.2*	34.2*					20.3*	20.3*	29'10"
	4.5m t					21.2*	21.2*	17.1*	17.1*	13.6*	14.9*			9.3*	9.3*	9.6
	15ft lb					45.6*	45.6*	37.0*	37.0*	29.4*	32.5*			20.5*	20.5*	31'5"
	3.0m t					23.5*	23.7*	17.2*	18.4*	13.3*	15.5*			9.8*	9.8*	9.8
	10ft lb					50.7*	51.0*	37.1*	39.8*	28.6*	33.7*			21.4*	21.4*	32'1"
1.5m t					22.7*	24.9*	16.6*	19.3*	12.9*	15.9*			10.5*	10.5*	9.7	
5ft lb					48.9*	53.9*	35.8*	41.8*	27.9*	34.5*			23.2*	23.2*	32'	
0m t			23.8*	23.8*	22.4*	24.8*	16.3*	19.4*	12.8*	15.8*			11.8*	11.8*	9.4	
0ft lb			54.9*	54.9*	48.2*	53.8*	35.2*	42.1*	27.6*	34.2*			26.1*	26.1*	31'	
-1.5m t	25.2*	25.2*	29.6*	29.6*	22.4*	23.5*	16.3*	18.6*					13.3*	14.2*	8.9	
-5ft lb	56.3*	56.3*	64.6*	64.6*	48.3*	51.0*	35.2*	40.3*					29.2*	31.2*	29'1"	
-3.0m t	30.5*	30.5*	25.9*	25.9*	20.8*	20.8*	16.1*	16.1*					14.9*	14.9*	8.0	
-10ft lb	66.7*	66.7*	56.2*	56.2*	44.9*	44.9*	34.5*	34.5*					32.7*	32.7*	26'1"	
-4.5m t			19.4*	19.4*	15.2*	15.2*							13.6*	13.6*	6.6	
-15ft lb			41.7*	41.7*	31.9*	31.9*							29.8*	29.8*	21'5"	

Stick 3.00 m / 9'10"

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				m	
																ft in	
HD	9.0 m	t													8.3*	8.3*	7.7
	30 ft	lb							10.5*	10.5*					18.5*	18.5*	24'8"
	7.5 m	t							14.0*	14.0*					7.8*	7.8*	8.8
	25 ft	lb							30.7*	30.7*					17.2*	17.2*	28'6"
	6.0 m	t					17.1*	17.1*	14.9*	14.9*	13.1	13.7*			7.6*	7.6*	9.5
	20 ft	lb					37.0*	37.0*	32.4*	32.4*	28.1	28.3*			16.8*	16.8*	31'1"
	4.5 m	t			28.2*	28.2*	19.9*	19.9*	16.3*	16.3*	12.7	14.3*			7.7*	7.7*	10.0
	15 ft	lb			60.0*	60.0*	42.9*	42.9*	35.3*	35.3*	27.4	31.1*			17.0*	17.0*	32'7"
	3.0 m	t					22.1	22.7*	16.0	17.7*	12.3	15.0*			8.0*	8.0*	10.1
	10 ft	lb					47.5	49.0*	34.6	38.4*	26.5	32.7*			17.6*	17.6*	33'4"
LC-V	1.5 m	t					21.0	24.5*	15.4	18.9*	11.9	15.6*			8.6*	8.6*	10.1
	5 ft	lb					45.2	52.9*	33.1	40.9*	25.7	33.9*			18.9*	18.9*	33'2"
	0 m	t			24.0*	24.0*	20.5	24.9*	15.0	19.4*	11.7	15.8*			9.6*	9.6*	9.8
	0 ft	lb			55.4*	55.4*	44.2	53.9*	32.3	41.9*	25.2	34.2*			21.1*	21.1*	32'4"
	-1.5 m	t	22.4*	22.4*	31.3*	31.3*	20.5	24.1*	14.9	18.9*	11.7	15.1*			11.2*	11.2*	9.3
	-5 ft	lb	50.4*	50.4*	68.0*	68.0*	44.0	52.1*	32.0	41.0*	25.2	32.5*			24.7*	24.7*	30'6"
	-3.0 m	t	34.9*	34.9*	27.9*	27.9*	20.7	21.9*	15.1	17.2*					12.9	14.2*	8.4
	-10 ft	lb	76.7*	76.7*	60.6*	60.6*	44.5	47.4*	32.5	37.1*					28.6	31.6*	27'7"
	-4.5 m	t			27.7*	27.7*	22.5*	22.5*	17.7*	17.7*					13.8*	13.8*	7.2
	-15 ft	lb	59.7*	59.7*	48.3*	48.3*	37.8*	37.8*							30.3*	30.3*	23'2"
LC-V	9.0 m	t							12.2*	12.2*					8.2*	8.2*	7.7
	30 ft	lb							20.0*	20.0*					18.3*	18.3*	24'8"
	7.5 m	t							14.1*	14.1*					7.8*	7.8*	8.8
	25 ft	lb							30.8*	30.8*					17.2*	17.2*	28'6"
	6.0 m	t					17.4*	17.4*	15.0*	15.0*	13.7*	13.7*			7.6*	7.6*	9.5
	20 ft	lb					37.5*	37.5*	32.6*	32.6*	30.1*	30.1*			16.8*	16.8*	31'1"
	4.5 m	t			29.0*	29.0*	20.3*	20.3*	16.4*	16.4*	13.7	14.4*			7.7*	7.7*	10.0
	15 ft	lb			61.6*	61.6*	43.6*	43.6*	35.6*	35.6*	29.5	31.3*			17.0*	17.0*	32'7"
	3.0 m	t					23.0*	23.0*	17.2	17.9*	13.2	15.1*			8.1*	8.1*	10.1
	10 ft	lb					49.5*	49.5*	37.2	38.7*	28.6	32.8*			17.7*	17.7*	33'4"
LC-V	1.5 m	t					22.7	24.6*	16.6	19.0*	12.9	15.7*			8.7*	8.7*	10.1
	5 ft	lb			36.1*	36.1*	29.0	53.1*	35.8	41.1*	27.8	34.0*			19.1*	19.1*	33'2"
	0 m	t			25.2*	25.2*	22.3	24.8*	16.2	19.4*	12.7	15.8*			9.7*	9.7*	9.8
	0 ft	lb			57.9*	57.9*	48.1	53.8*	35.0	41.9*	27.3	34.1*			21.3*	21.3*	32'4"
	-1.5 m	t	23.8*	23.8*	31.0*	31.0*	22.3	23.9*	16.2	18.8*	12.7	15.0*			11.4*	11.4*	9.3
	-5 ft	lb	53.3*	53.3*	67.4*	67.4*	48.0	51.8*	34.8	40.7*	27.4	30.6*			25.2*	25.2*	30'6"
	-3.0 m	t	34.6*	34.6*	27.5*	27.5*	21.6*	21.6*	16.4	16.9*					14.3*	14.4*	8.4
	-10 ft	lb	75.4*	75.4*	59.6*	59.6*	46.7*	46.7*	35.4	36.4*					31.7*	31.7*	27'7"
	-4.5 m	t			21.7*	21.7*	17.0*	17.0*							13.7*	13.7*	7.2
	-15 ft	lb			46.7*	46.7*	36.3*	36.3*							30.0*	30.0*	23'2"

 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 1,150 kg / 2,540 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 3.40 m / 11'2"

		3.0m 10ft		4.5m 15ft		6.0m 20ft		7.5m 25ft		9.0m 30ft		10.5m 35ft				m ft in
																
HD	9.0m t								12.6° 12.6°					7.0° 7.0°	8.2	
	30ft lb								24.4° 24.4°					15.5° 15.5°	26'4"	
	7.5m t								13.2° 13.2°	9.2° 9.2°				6.6° 6.6°	9.2	
	25ft lb								28.9° 28.9°					14.6° 14.6°	30'	
	6.0m t								14.2° 14.2°	13.1° 13.1°				6.5° 6.5°	9.9	
	20ft lb								30.8° 30.8°	28.3° 28.6°				14.2° 14.2°	32'5"	
	4.5m t				26.1° 26.1°	19.0° 19.0°		15.6° 15.6°	12.8° 13.8°					6.5° 6.5°	10.3	
	15ft lb				55.7° 55.7°	40.9° 40.9°		33.9° 33.9°	27.5° 30.0°					14.4° 14.4°	33'11"	
	3.0m t				23.3° 23.3°	21.9° 21.9°		16.1° 17.2°	12.3° 14.6°			7.2° 7.2°		6.8° 6.8°	10.5	
	10ft lb				58.5° 58.5°	47.2° 47.2°		34.8° 37.3°	26.5° 31.7°					14.9° 14.9°	34'6"	
	1.5m t				19.1° 19.1°	21.2° 24.0°		15.4° 18.5°	11.9° 15.3°					7.2° 7.2°	10.5	
	5ft lb				45.3° 45.3°	45.5° 51.8°		33.2° 40.1°	25.6° 33.2°					15.9° 15.9°	34'5"	
LC-V	0m t				25.0° 25.0°	20.5° 24.8°		15.0° 19.2°	11.6° 15.7°					8.0° 8.0°	10.2	
	0ft lb				57.4° 57.4°	44.1° 53.6°		32.2° 41.5°	25.0° 33.9°					17.6° 17.6°	33'6"	
	-1.5m t	21.3° 21.3°	32.3° 32.3°	20.4° 24.3°	14.8° 19.0°	11.5° 15.3°								9.3° 9.3°	9.7	
	-5ft lb	47.8° 47.8°	69.1° 70.1°	43.7° 52.7°	31.8° 41.2°	24.8° 33.1°								20.5° 20.5°	31'10"	
	-3.0m t	31.5° 31.5°	29.3° 29.3°	20.5° 22.6°	14.9° 17.7°									11.5° 11.5°	8.9	
	-10ft lb	71.0° 71.0°	63.5° 63.5°	44.1° 48.8°	32.0° 38.2°									25.6° 25.6°	29'1"	
	-4.5m t	31.6° 31.6°	24.4° 24.4°	19.1° 19.1°	14.3° 14.3°									13.6° 13.6°	7.7	
	-15ft lb	68.0° 68.0°	52.5° 52.5°	40.8° 40.8°										29.9° 29.9°	25'	
	9.0m t							13.1° 13.1°						6.9° 6.9°	8.2	
	30ft lb							26.4° 26.4°						15.4° 15.4°	26'4"	
	7.5m t							13.3° 13.3°	10.2° 10.2°					6.6° 6.6°	9.2	
	25ft lb							29.0° 29.0°	17.0° 17.0°					14.5° 14.5°	30'	
6.0m t					16.4° 16.4°	14.3° 14.3°	13.1° 13.1°						6.5° 6.5°	9.9		
20ft lb					35.4° 35.4°	31.1° 31.1°	28.7° 28.7°						14.2° 14.2°	32'5"		
4.5m t				26.9° 26.9°	19.3° 19.3°	15.8° 15.8°	13.7° 13.9°						6.5° 6.5°	10.3		
15ft lb				57.2° 57.2°	41.6° 41.6°	34.2° 34.2°	29.6° 30.1°						14.4° 14.4°	33'11"		
3.0m t				21.7° 21.7°	22.2° 22.2°	17.3° 17.4°	13.3° 14.7°			7.4° 7.4°			6.8° 6.8°	10.5		
10ft lb				54.4° 54.4°	47.8° 47.8°	37.4° 37.6°	28.6° 31.9°						15.0° 15.0°	34'6"		
1.5m t				19.5° 19.5°	22.9° 24.1°	16.6° 18.6°	12.9° 15.4°						7.3° 7.3°	10.5		
5ft lb				45.9° 45.9°	49.3° 52.1°	35.9° 40.3°	27.7° 33.4°						16.1° 16.1°	34'5"		
0m t				25.9° 25.9°	22.3° 24.8°	16.2° 19.2°	12.6° 15.7°						8.1° 8.1°	10.2		
0ft lb				59.2° 59.2°	48.0° 53.6°	35.0° 41.6°	27.2° 33.9°						17.9° 17.9°	33'6"		
-1.5m t	22.4° 22.4°	32.0° 32.0°	22.2° 24.2°	16.0° 18.9°	12.5° 15.2°								9.4° 9.4°	9.7		
-5ft lb	50.1° 50.1°	69.6° 69.6°	47.7° 52.4°	34.6° 41.0°	27.0° 32.8°								20.9° 20.9°	31'10"		
-3.0m t	32.8° 32.8°	28.9° 28.9°	22.3° 22.3°	16.2° 17.5°									11.9° 11.9°	8.9		
-10ft lb	73.6° 73.6°	62.6° 62.6°	48.1° 48.2°	34.9° 37.7°									26.4° 26.4°	29'1"		
-4.5m t	30.5° 30.5°	23.7° 23.7°	18.5° 18.5°	13.6° 13.6°									13.5° 13.5°	7.7		
-15ft lb	65.8° 65.8°	51.0° 51.0°	39.6° 39.6°										29.7° 29.7°	25'		

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 1,150 kg / 2,540 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 7.00 m / 23', counterweight 14.5 t / 31,970 lb and track pads 750 mm / 30"

Stick 2.60 m / 8'6"

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		m ft in
HD	10.5m t													
	35 ft lb													
	9.0m t													
	30 ft lb													
	7.5m t							14.8° 14.8°						
	25 ft lb							32.6° 32.6°						
	6.0m t			23.2° 23.2°		18.1° 18.1°	15.6° 15.6°		11.8° 11.8°					
	20 ft lb					39.1° 39.1°	33.9° 33.9°							
	4.5m t					20.9° 20.9°	16.9° 16.9°		14.7° 14.8°					
	15 ft lb					44.9° 44.9°	36.6° 36.6°		31.6° 32.3°					
	3.0m t					23.5° 23.5°	18.3° 18.3°		14.3° 15.4°					
	10 ft lb					50.6° 50.6°	39.5° 39.5°		30.8° 33.6°					
	1.5m t					24.4° 24.8°	17.9° 19.2°		14.0° 15.9°					
	5 ft lb					52.4° 53.7°	38.6° 41.6°		30.1° 34.5°					
	0m t													
	0 ft lb					51.2° 51.2°	37.9° 42.2°		29.8° 34.3°					
	-1.5m t	23.2° 23.2°	29.9° 29.9°	23.7° 23.7°	17.6° 18.8°									
LC-V	-5 ft lb	52.3° 52.3°	65.2° 65.2°	51.4° 51.4°	37.8° 40.6°									
	-3.0m t	31.0° 31.0°	26.4° 26.4°	21.2° 21.2°	16.6° 16.6°									
	-10 ft lb	67.8° 67.8°	57.3° 57.3°	45.7° 45.7°	35.4° 35.4°									
	-4.5m t		20.4° 20.4°	16.1° 16.1°										
	-15 ft lb		43.6° 43.6°	34.0° 34.0°										
	-6.0m t													
	-20 ft lb													
	10.5m t													
	35 ft lb													
	9.0m t													
	30 ft lb													
	7.5m t					14.9° 14.9°								
	25 ft lb					32.6° 32.6°								
	6.0m t			23.9° 23.9°	18.4° 18.4°	15.7° 15.7°		13.3° 13.3°						
	20 ft lb			50.9° 50.9°	39.6° 39.6°	34.2° 34.2°								
	4.5m t				21.2° 21.2°	17.1° 17.1°	14.9° 14.9°							
	15 ft lb				45.6° 45.6°	37.0° 37.0°	32.5° 32.5°							
	3.0m t				23.7° 23.7°	18.4° 18.4°	15.3° 15.5°							
	10 ft lb				51.0° 51.0°	39.8° 39.8°	33.0° 33.7°							
	1.5m t				24.9° 24.9°	19.2° 19.3°	15.0° 15.9°							
	5 ft lb				53.9° 53.9°	41.4° 41.8°	32.3° 34.5°							
	0m t				23.8° 23.8°	18.9° 19.4°	14.8° 15.8°							
	0 ft lb				54.9° 54.9°	40.8° 42.1°	32.0° 34.2°							
	-1.5m t	25.2° 25.2°	29.6° 29.6°	23.5° 23.5°	18.6° 18.6°									
	-5 ft lb	56.3° 56.3°	64.6° 64.6°	51.0° 51.0°	40.3° 40.3°									
	-3.0m t	30.5° 30.5°	25.9° 25.9°	20.8° 20.8°	16.1° 16.1°									
	-10 ft lb	66.7° 66.7°	56.2° 56.2°	44.9° 44.9°	34.5° 34.5°									
	-4.5m t		19.4° 19.4°	15.2° 15.2°										
	-15 ft lb		41.7° 41.7°	31.9° 31.9°										
	-6.0m t													
	-20 ft lb													

Stick 3.00 m / 9'10"

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		m ft in
HD	10.5m t													
	35 ft lb													
	9.0m t							10.5° 10.5°						
	30 ft lb													
	7.5m t							14.0° 14.0°						
	25 ft lb							30.7° 30.7°						
	6.0m t					17.1° 17.1°	14.9° 14.9°		13.7° 13.7°					
	20 ft lb					37.0° 37.0°	32.4° 32.4°		28.3° 28.3°					
	4.5m t			28.2° 28.2°	19.9° 19.9°	16.3° 16.3°	14.3° 14.3°							
	15 ft lb			60.0° 60.0°	42.9° 42.9°	35.3° 35.3°	31.1° 31.1°							
	3.0m t				22.7° 22.7°	17.7° 17.7°	14.3° 15.0°							
	10 ft lb				49.0° 49.0°	38.4° 38.4°	30.8° 32.7°							
	1.5m t				24.5° 24.5°	17.9° 18.9°	13.9° 15.6°							
	5 ft lb				52.7° 52.9°	38.6° 40.9°	30.0° 33.9°							
	0m t				24.0° 24.0°	17.5° 19.4°	13.7° 15.8°							
	0 ft lb				55.4° 55.4°	41.6° 43.9°	29.5° 34.2°							
	-1.5m t	22.4° 22.4°	31.3° 31.3°	23.9° 24.1°	17.4° 18.9°									
LC-V	-5 ft lb	50.4° 50.4°	68.0° 68.0°	51.4° 52.1°	37.5° 41.0°									
	-3.0m t	34.9° 34.9°	27.9° 27.9°	21.9° 21.9°	17.2° 17.2°									
	-10 ft lb	76.7° 76.7°	60.6° 60.6°	47.4° 47.4°	37.1° 37.1°									
	-4.5m t		27.7° 27.7°	22.5° 22.5°	17.7° 17.7°									
	-15 ft lb		59.7° 59.7°	48.3° 48.3°	37.8° 37.8°									
	-6.0m t													
	-20 ft lb													
	10.5m t													
	35 ft lb													
	9.0m t							12.2° 12.2°						
	30 ft lb							20.0° 20.0°						
	7.5m t							14.1° 14.1°						
	25 ft lb							30.8° 30.8°						
	6.0m t					17.4° 17.4°	15.0° 15.0°		13.7° 13.7°					
	20 ft lb					37.5° 37.5°	32.6° 32.6°		30.1° 30.1°					
	4.5m t			29.0° 29.0°	20.3° 20.3°	16.4° 16.4°	14.4° 14.4°							
	15 ft lb			61.6° 61.6°	43.6° 43.6°	35.6° 35.6°	31.3° 31.3°							
	3.0m t				23.0° 23.0°	17.9° 17.9°	15.1° 15.1°							
	10 ft lb				49.5° 49.5°	38.7° 38.7°	32.8° 32.8°							
	1.5m t				24.6° 24.6°	19.0° 19.0°	14.9° 15.7°							
	5 ft lb				36.1° 36.1°	53.1° 53.1°	41.1° 41.1°							
	0m t				25.2° 25.2°	24.8° 24.8°	18.8° 19.4°							
	0 ft lb				57.9° 57.9°	53.8° 53.8°	40.6° 41.9°							
	-1.5m t	23.8° 23.8°	31.0° 31.0°	23.9° 23.9°	18.7° 18.8°									
	-5 ft lb	53.3° 53.3°	67.4° 67.4°	51.8° 51.8°	40.4° 40.7°									
	-3.0m t	34.6° 34.6°	27.5° 27.5°	21.6° 21.6°	16.9° 16.9°									
	-10 ft lb	75.4° 75.4°	59.6° 59.6°	46.7° 46.7°	36.4° 36.4°									
	-4.5m t		21.7° 21.7°	17.0° 17.0°										
	-15 ft lb		46.7° 46.7°	36.3° 36.3°										
	-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 1,150 kg / 2,540 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 3.40 m / 11'2"

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	Max. reach	m ft in
10.5m t								
35 ft lb								
9.0m t				12.6* 12.6*			7.0* 7.0*	8.2
30 ft lb				24.4* 24.4*			15.5* 15.5*	26'4"
7.5m t				13.2* 13.2*	9.2* 9.2*		6.6* 6.6*	9.2
25 ft lb				28.9* 28.9*			14.6* 14.6*	30'
6.0m t				14.2* 14.2*	13.1* 13.1*		6.5* 6.5*	9.9
20 ft lb				30.8* 30.8*	28.6* 28.6*		14.2* 14.2*	32'5"
4.5m t		26.1* 26.1*	19.0* 19.0*	15.6* 15.6*	13.8* 13.8*		6.5* 6.5*	10.3
15 ft lb		55.7* 55.7*	40.9* 40.9*	33.9* 33.9*	30.0* 30.0*		14.4* 14.4*	33'11"
3.0m t		23.3* 23.3*	21.9* 21.9*	17.2* 17.2*	14.3* 14.6*	7.2* 7.2*	6.8* 6.8*	10.5
10 ft lb		58.5* 58.5*	47.2* 47.2*	37.3* 37.3*	30.9* 31.7*		14.9* 14.9*	34'6"
1.5m t		19.1* 19.1*	24.0* 24.0*	18.0* 18.5*	13.9* 15.3*		7.2* 7.2*	10.5
5 ft lb		45.3* 45.3*	51.8* 51.8*	38.7* 40.1*	30.0* 33.2*		15.9* 15.9*	34'5"
0m t		25.0* 25.0*	24.0* 24.8*	17.5* 19.2*	13.6* 15.7*		8.0* 8.0*	10.2
0 ft lb		57.4* 57.4*	51.6* 53.6*	37.7* 41.5*	29.4* 33.9*		17.6* 17.6*	33'6"
-1.5m t	21.3* 21.3*	32.3* 32.3*	23.8* 24.3*	17.3* 19.0*	13.5* 15.3*		9.3* 9.3*	9.7
-5 ft lb	47.8* 47.8*	70.1* 70.1*	51.1* 52.7*	37.3* 41.2*	29.2* 33.1*		20.5* 20.5*	31'10"
-3.0m t	31.5* 31.5*	29.3* 29.3*	22.6* 22.6*	17.4* 17.7*			11.5* 11.5*	8.9
-10 ft lb	71.0* 71.0*	63.5* 63.5*	48.8* 48.8*	37.5* 38.2*			25.6* 25.6*	29'1"
-4.5m t	31.6* 31.6*	24.4* 24.4*	19.1* 19.1*	14.3* 14.3*			13.6* 13.6*	7.7
-15 ft lb	68.0* 68.0*	52.5* 52.5*	40.8* 40.8*				29.9* 29.9*	25'
-6.0m t								
-20 ft lb								
10.5m t								
35 ft lb								
9.0m t				13.1* 13.1*			6.9* 6.9*	8.2
30 ft lb				26.4* 26.4*			15.4* 15.4*	26'4"
7.5m t				13.3* 13.3*	10.2* 10.2*		6.6* 6.6*	9.2
25 ft lb				29.0* 29.0*	17.0* 17.0*		14.5* 14.5*	30'
6.0m t			16.4* 16.4*	14.3* 14.3*	13.1* 13.1*		6.5* 6.5*	9.9
20 ft lb			35.4* 35.4*	31.1* 31.1*	28.7* 28.7*		14.2* 14.2*	32'5"
4.5m t		26.9* 26.9*	19.3* 19.3*	15.8* 15.8*	13.9* 13.9*		6.5* 6.5*	10.3
15 ft lb		57.2* 57.2*	41.6* 41.6*	34.2* 34.2*	30.1* 30.1*		14.4* 14.4*	33'11"
3.0m t		21.7* 21.7*	22.2* 22.2*	17.4* 17.4*	14.7* 14.7*	7.4* 7.4*	6.8* 6.8*	10.5
10 ft lb		54.4* 54.4*	47.8* 47.8*	37.6* 37.6*	31.9* 31.9*		15.0* 15.0*	34'6"
1.5m t		19.5* 19.5*	24.1* 24.1*	18.6* 18.6*	14.9* 15.4*		7.3* 7.3*	10.5
5 ft lb		45.9* 45.9*	52.1* 52.1*	40.3* 40.3*	32.2* 33.4*		16.1* 16.1*	34'5"
0m t		25.9* 25.9*	24.8* 24.8*	18.8* 19.2*	14.6* 15.7*		8.1* 8.1*	10.2
0 ft lb		59.2* 59.2*	53.6* 53.6*	40.5* 41.6*	31.6* 33.9*		17.9* 17.9*	33'6"
-1.5m t	22.4* 22.4*	32.0* 32.0*	24.2* 24.2*	18.6* 18.9*	14.6* 15.2*		9.4* 9.4*	9.7
-5 ft lb	50.1* 50.1*	69.6* 69.6*	52.4* 52.4*	40.2* 41.0*	31.5* 32.8*		20.9* 20.9*	31'10"
-3.0m t	32.8* 32.8*	28.9* 28.9*	22.3* 22.3*	17.5* 17.5*			11.9* 11.9*	8.9
-10 ft lb	73.6* 73.6*	62.6* 62.6*	48.2* 48.2*	37.7* 37.7*			26.4* 26.4*	29'1"
-4.5m t	30.5* 30.5*	23.7* 23.7*	18.5* 18.5*	13.6* 13.6*			13.5* 13.5*	7.7
-15 ft lb	65.8* 65.8*	51.0* 51.0*	39.6* 39.6*				29.7* 29.7*	25'
-6.0m t								
-20 ft lb								

Stick 4.20 m / 13'9"

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	Max. reach	m ft in
10.5m t								
35 ft lb								
9.0m t					6.1* 6.1*		5.1* 5.1*	9.1
30 ft lb							11.3* 11.3*	29'6"
7.5m t					11.3* 11.3*		4.8* 4.8*	10.1
25 ft lb					23.1* 23.1*		10.7* 10.7*	32'10"
6.0m t				12.7* 12.7*	11.8* 11.8*	6.8* 6.8*	4.7* 4.7*	10.7
20 ft lb				27.6* 27.6*	25.8* 25.8*		10.4* 10.4*	35'
4.5m t			16.9* 16.9*	14.2* 14.2*	12.7* 12.7*	10.3* 10.3*	4.8* 4.8*	11.1
15 ft lb			36.5* 36.5*	30.9* 30.9*	27.6* 27.6*	19.7* 19.7*	10.5* 10.5*	36'5"
3.0m t		28.8* 28.8*	20.1* 20.1*	16.0* 16.0*	13.7* 13.7*	11.4* 12.2*	4.9* 4.9*	11.3
10 ft lb		61.7* 61.7*	43.4* 43.4*	34.7* 34.7*	29.7* 29.7*	24.5* 24.7*	10.9* 10.9*	37'
1.5m t		26.2* 26.2*	22.7* 22.7*	17.6* 17.6*	13.9* 14.6*	11.1* 12.7*	5.3* 5.3*	11.2
5 ft lb		61.6* 61.6*	49.1* 49.1*	38.1* 38.1*	30.0* 31.7*	23.9* 26.7*	11.6* 11.6*	36'11"
0m t	12.5* 12.5*	26.4* 26.4*	24.0* 24.2*	17.5* 18.6*	13.6* 15.2*	10.9* 12.7*	5.8* 5.8*	11.0
0 ft lb	28.0* 28.0*	60.6* 60.6*	51.7* 52.4*	37.6* 40.4*	29.2* 33.0*	23.2* 23.2*	12.7* 12.7*	36'
-1.5m t	19.2* 19.2*	31.8* 31.8*	23.6* 24.5*	17.2* 19.0*	13.3* 15.4*	10.3* 12.7*	6.6* 6.6*	10.5
-5 ft lb	43.2* 43.2*	72.6* 72.6*	50.8* 52.9*	36.9* 41.0*	28.7* 33.2*		14.5* 14.5*	34'5"
-3.0m t	26.7* 26.7*	31.4* 31.4*	23.5* 23.5*	17.1* 18.3*	13.3* 14.6*		7.9* 7.9*	9.8
-10 ft lb	59.9* 59.9*	67.9* 67.9*	50.7* 50.8*	36.8* 39.6*	28.7* 31.4*		17.6* 17.6*	32'
-4.5m t	35.7* 35.7*	27.6* 27.6*	21.0* 21.0*	16.3* 16.3*			10.5* 10.5*	8.7
-15 ft lb	80.5* 80.5*	59.4* 59.4*	45.2* 45.2*	34.9* 34.9*			23.6* 23.6*	28'4"
-6.0m t	28.1* 28.1*	21.1* 21.1*	16.1* 16.1*				12.2* 12.2*	7.1
-20 ft lb	59.5* 59.5*	44.8* 44.8*	33.7* 33.7*				26.8* 26.8*	23'
10.5m t								
35 ft lb								
9.0m t					7.1* 7.1*		5.1* 5.1*	9.1
30 ft lb							11.2* 11.2*	29'6"
7.5m t					11.4* 11.4*		4.8* 4.8*	10.1
25 ft lb					23.9* 23.9*		10.6* 10.6*	32'10"
6.0m t				12.8* 12.8*	11.9* 11.9*	7.3* 7.3*	4.7* 4.7*	10.7
20 ft lb				27.9* 27.9*	26.0* 26.0*	11.8* 11.8*	10.4* 10.4*	35'
4.5m t		22.9* 22.9*	17.3* 17.3*	14.4* 14.4*	12.8* 12.8*	10.6* 10.6*	4.8* 4.8*	11.1
15 ft lb		48.8* 48.8*	37.2* 37.2*	31.3* 31.3*	27.8* 27.8*	20.3* 20.3*	10.5* 10.5*	36'5"
3.0m t		29.4* 29.4*	20.5* 20.5*	16.2* 16.2*	13.8* 13.8*	12.2* 12.3*	5.0* 5.0*	11.3
10 ft lb		63.0* 63.0*	44.1* 44.1*	35.1* 35.1*	29.9* 29.9*	25.0* 25.0*	10.9* 10.9*	37'
1.5m t		25.7* 25.7*	23.0* 23.0*	17.7* 17.7*	14.7* 14.7*	11.9* 12.7*	5.3* 5.3*	11.2
5 ft lb		60.4* 60.4*	49.6* 49.6*	38.4* 38.4*	31.9* 31.9*	25.7* 26.7*	11.7* 11.7*	36'11"
0m t	13.2* 13.2*	26.8* 26.8*	24.3* 24.3*	18.7* 18.7*	14.5* 15.3*	11.7* 12.4*	5.8* 5.8*	11.0
0 ft lb	29.6* 29.6*	61.4* 61.4*	52.6* 52.6*	40.5* 40.5*	31.4* 33.1*	22.3* 22.3*	12.8* 12.8*	36'
-1.5m t	20.0* 20.0*	32.6* 32.6*	24.4* 24.4*	18.5* 18.9*	14.3* 15.3*		6.7* 6.7*	10.5
-5 ft lb	44.8* 44.8*	72.3* 72.3*	52.8* 52.8*	39.8* 41.0*	30.9* 33.1*		14.8* 14.8*	34'5"
-3.0m t	27.6* 27.6*	31.0* 31.0*	23.3* 23.3*	18.2* 18.2*	14.4* 14.4*		8.1* 8.1*	9.8
-10 ft lb	61.8* 61.8*	67.2* 67.2*	50.4* 50.4*	39.3* 39.3*	31.0* 31.0*		18.0* 18.0*	32'
-4.5m t	36.8* 36.8*	27.0* 27.0*	20.6* 20.6*	15.9* 15.9*			11.0* 11.0*	8.7
-15 ft lb	80.7* 80.7*	58.2* 58.2*	44.4* 44.4*	34.1* 34.1*			24.5* 24.5*	28'4"
-6.0m t		20.1* 20.1*	15.2* 15.2*				12.1* 12.1*	7.1
-20 ft lb		42.7* 42.7*	31.9* 31.9*				26.4* 26.4*	23'

 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 1,150 kg / 2,540 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 8.20 m / 26'11", counterweight 11.0 t / 24,250 lb and track pads 750 mm / 30"

Stick 3.00 m / 9'10"

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		 12.0m 40 ft		  m ft in	
																
HD	12.0m t															
	40 ft lb															
	10.5m t														8.9*	8.9*
	35 ft lb														19.8*	19.8*
	9.0m t														8.2*	8.2*
	30 ft lb														18.1*	18.1*
	7.5m t														7.8*	7.8*
	25 ft lb														17.3*	17.3*
	6.0m t														7.8*	7.8*
	20 ft lb														17.1*	17.1*
	4.5m t														7.9*	7.9*
	15 ft lb														17.3*	17.3*
	3.0m t														8.1*	8.1*
	10 ft lb														17.8*	17.9*
	1.5m t														8.0*	8.6*
	5 ft lb														17.5*	19.0*
	0m t														8.1*	9.4*
	0 ft lb														17.9*	20.8*
	-1.5m t														8.6*	10.7*
LC-V	-5 ft lb														19.0*	23.6*
	-3.0m t	23.6*	23.6*	25.2*	25.2*	19.3	20.8*	13.8	18.1*	10.8	14.7*	8.8	12.4*		9.6	11.9*
	-10 ft lb	53.2*	53.2*	54.9*	54.9*	41.4	45.1*	29.7	36.5*	23.3	29.6*	18.8	26.7		21.2	26.3*
	-4.5m t	25.6*	25.6*	22.2*	22.2*	18.4*	18.4*	14.2	14.9*						11.5	11.8*
	-15 ft lb	55.9*	55.9*	48.1*	48.1*	39.7*	39.7*	30.7	32.1*						25.6	26.0*
	-6.0m t														11.0*	11.0*
	-20 ft lb														24.0*	24.0*
	-7.5m t															
	-25 ft lb															
	12.0m t															
	40 ft lb															
	10.5m t														8.8*	8.8*
	35 ft lb														19.6*	19.6*
	9.0m t														8.1*	8.1*
	30 ft lb														18.0*	18.0*
	7.5m t														7.8*	7.8*
	25 ft lb														17.3*	17.3*
	6.0m t														7.8*	7.8*
	20 ft lb														17.1*	17.1*
	4.5m t														7.9*	7.9*
	15 ft lb														17.4*	17.4*
	3.0m t														8.2*	8.2*
	10 ft lb														18.0*	18.0*
	1.5m t														8.7*	8.7*
	5 ft lb														19.2*	19.2*
	0m t														8.9*	9.5*
	0 ft lb														19.7*	21.0*
	-1.5m t														9.5	10.8*
	-5 ft lb														21.0	23.9*
	-3.0m t	24.9*	24.9*	24.9*	24.9*	20.6*	20.6*	15.1	16.7*	11.8	13.6*				10.6	11.9*
	-10 ft lb	55.8*	55.8*	54.4*	54.4*	44.7*	44.7*	32.6	36.2*	25.5	29.3*				23.5	26.3*
	-4.5m t														11.8*	11.8*
	-15 ft lb														25.9*	25.9*
	-6.0m t														10.8*	10.8*
	-20 ft lb														23.6*	23.6*
	-7.5m t															
	-25 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 1.150 kg / 2,540 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 3.40 m / 11'2"

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		12.0m 40 ft				m ft in
																	
12.0m t																	
40 ft lb																	
10.5m t															7.4*	7.4*	8.4
35 ft lb															16.6*	16.6*	27'1"
9.0m t									10.6*	10.6*					6.9*	6.9*	9.7
30 ft lb									23.4*	23.4*					15.3*	15.3*	31'6"
7.5m t									10.8*	10.8*	8.1*	8.1*			6.6*	6.6*	10.6
25 ft lb									23.7*	23.7*					14.6*	14.6*	34'7"
6.0m t			21.8*	21.8*	15.8*	15.8*	13.1*	13.1*	11.5*	11.5*	9.8	10.6*			6.6*	6.6*	11.2
20 ft lb					34.0*	34.0*	28.3*	28.3*	25.0*	25.0*	21.1	23.2*			14.5*	14.5*	36'8"
4.5m t					18.9*	18.9*	14.7*	14.7*	12.1	12.4*	9.5	11.1*			6.6*	6.6*	11.6
15 ft lb					40.6*	40.6*	31.7*	31.7*	26.1	26.9*	20.4	24.1*			14.6*	14.6*	38'
3.0m t					20.1	21.6*	14.9	16.2*	11.5	13.3*	9.2	11.6*			6.9*	6.9*	11.8
10 ft lb					43.4	46.5*	32.1	35.0*	24.8	28.9*	19.7	25.2*			15.2*	15.2*	38'7"
1.5m t					19.1	23.0*	14.2	17.4*	11.0	14.1*	8.9	12.0*			7.3*	7.3*	11.7
5 ft lb					41.2	49.6*	30.5	37.5*	23.8	30.5*	19.1	26.1*			16.1*	16.1*	38'6"
0m t					18.8	23.2*	13.7	17.9*	10.7	14.5*	8.7	12.3*			7.7	7.9*	11.5
0 ft lb					40.4	50.1*	29.5	38.8*	23.0	31.5*	18.6	26.5			16.9	17.5*	37'8"
-1.5m t			19.2*	19.2*	18.8	22.6*	13.6	17.8*	10.6	14.5*	8.6	12.1*			8.1	8.9*	11.0
-5 ft lb			43.8*	43.8*	40.4	48.9*	29.2	38.6*	22.7	31.5*	18.5	26.1*			17.8	19.7*	36'2"
-3.0m t	21.9*	21.9*	26.6*	26.6*	19.0	21.3*	13.7	17.1*	10.6	13.9*					8.9	10.5*	10.3
-10 ft lb	49.2*	49.2*	57.9*	57.9*	40.9	46.1*	29.4	37.0*	22.9	30.1*					19.7	23.3*	33'10"
-4.5m t	29.1*	29.1*	23.6*	23.6*	19.1*	19.1*	14.0	15.5*	11.0	12.3*					10.5	11.5*	9.3
-15 ft lb	63.2*	63.2*	51.2*	51.2*	41.3*	41.3*	30.1	33.3*	23.7	26.0*					23.4	25.2*	30'5"
-6.0m t			19.0*	19.0*	15.5*	15.5*	12.1*	12.1*							11.0*	11.0*	7.9
-20 ft lb			40.6*	40.6*	33.0*	33.0*	25.1*	25.1*							24.0*	24.0*	25'6"
-7.5m t																	
-25 ft lb																	
12.0m t																	
40 ft lb																	
10.5m t															7.4*	7.4*	8.4
35 ft lb															16.4*	16.4*	27'1"
9.0m t									10.6*	10.6*					6.8*	6.8*	9.7
30 ft lb									23.4*	23.4*					15.2*	15.2*	31'6"
7.5m t							11.9*	11.9*	10.9*	10.9*	9.2*	9.2*			6.6*	6.6*	10.6
25 ft lb							25.8*	25.8*	23.8*	23.8*					14.6*	14.6*	34'7"
6.0m t			22.7*	22.7*	16.2*	16.2*	13.2*	13.2*	11.6*	11.6*	10.6	10.7*			6.6*	6.6*	11.2
20 ft lb			47.8*	47.8*	34.6*	34.6*	28.6*	28.6*	25.2*	25.2*	22.8	23.3*			14.5*	14.5*	36'8"
4.5m t					19.3*	19.3*	14.9*	14.9*	12.5*	12.5*	10.3	11.1*			6.7*	6.7*	11.6
15 ft lb					41.3*	41.3*	32.0*	32.0*	27.1*	27.1*	22.1	24.2*			14.7*	14.7*	38'
3.0m t					21.7	21.9*	16.1	16.4*	12.5	13.4*	9.9	11.6*			6.9*	6.9*	11.8
10 ft lb					47.0*	47.0*	34.7	35.3*	26.9	29.1*	21.4	25.3*			15.2*	15.2*	38'7"
1.5m t					20.9	23.1*	15.4	17.4*	12.0	14.2*	9.6	12.1*			7.3*	7.3*	11.7
5 ft lb					45.0	49.8*	33.2	37.7*	25.8	30.6*	20.8	26.2*			16.2*	16.2*	38'6"
0m t					20.6	23.1*	15.0	17.9*	11.7	14.6*	9.4	12.3*			8.0*	8.0*	11.5
0 ft lb					44.3	50.1*	32.3	38.8*	25.2	31.5*	20.4	26.6*			17.7*	17.7*	37'8"
-1.5m t			20.3*	20.3*	20.6	22.4*	14.8	17.8*	11.5	14.5*	9.4	12.0*			8.9	9.1*	11.0
-5 ft lb			46.1*	46.1*	44.3	48.7*	32.0	38.5*	24.9	31.4*	20.3	26.0*			19.7	20.0*	36'2"
-3.0m t	22.9*	22.9*	26.3*	26.3*	20.9	21.1*	14.9	17.0*	11.6	13.8*					9.9	10.8*	10.3
-10 ft lb	51.3*	51.3*	57.3*	57.3*	44.9	45.8*	32.2	36.7*	25.1	29.8*					21.9	23.8*	33'10"
-4.5m t	28.6*	28.6*	23.2*	23.2*	18.8*	18.8*	15.2*	15.2*	11.9*	11.9*					11.4*	11.4*	9.3
-15 ft lb	62.1*	62.1*	50.3*	50.3*	40.7*	40.7*	32.7*	32.7*							25.2*	25.2*	30'5"
-6.0m t			18.3*	18.3*	14.9*	14.9*	11.4*	11.4*							10.8*	10.8*	7.9
-20 ft lb			39.2*	39.2*	31.9*	31.9*									23.8*	23.8*	25'6"
-7.5m t																	
-25 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 1,150 kg / 2,540 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 8.20 m / 26'11", counterweight 11.0 t / 24,250 lb and track pads 750 mm / 30"

Stick 4.20 m / 13'9"

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		 12.0m 40 ft				m ft in	
																		
HD	12.0m t																	
	40 ft lb																	
	10.5m t								8.7*	8.7*					5.4*	5.4*	9.5	
	35 ft lb								15.3*	15.3*					12.1*	12.1*	30.7"	
	9.0m t								9.4*	9.4*	6.1*	6.1*			5.0*	5.0*	10.6	
	30 ft lb								20.6*	20.6*					11.2*	11.2*	34.6"	
	7.5m t								9.8*	9.8*	9.4*	9.4*			4.9*	4.9*	11.4	
	25 ft lb								21.3*	21.3*	20.6*	20.6*			10.8*	10.8*	37.4"	
	6.0m t						11.8*	11.8*	10.5*	10.5*	9.7*	9.7*			4.8*	4.8*	12.0	
	20 ft lb						25.5*	25.5*	22.8*	22.8*	21.2*	21.2*			10.6*	10.6*	39.4"	
	4.5m t		25.0*	25.0*	17.0*	17.0*	13.5*	13.5*	11.5*	11.5*	9.6*	10.3*	7.6*	8.6*	4.9*	4.9*	12.4	
	15 ft lb		53.0*	53.0*	36.5*	36.5*	29.0*	29.0*	24.9*	24.9*	20.6*	22.4*	14.6*	14.6*	10.7*	10.7*	40.6"	
	3.0m t				20.0*	20.0*	15.1*	15.1*	11.6*	12.5*	9.2*	10.9*	7.4*	9.9*	5.0*	5.0*	12.5	
	10 ft lb				42.9*	42.9*	32.7*	32.7*	25.0*	27.1*	19.7*	23.7*	15.8*	19.2*	11.1*	11.1*	41'	
	1.5m t				19.4*	22.0*	14.3*	16.5*	11.1*	13.4*	8.8*	11.5*	7.2*	10.1*	5.3*	5.3*	12.5	
	5 ft lb				41.8*	47.4*	30.8*	35.7*	23.8*	29.1*	18.9*	24.9*	15.4*	20.0*	11.7*	11.7*	40.11"	
	0m t			12.6*	12.6*	18.8*	22.8*	13.7*	17.4*	10.6*	14.1*	8.5*	11.9*	7.0*	9.5*	5.7*	5.7*	12.3
	0 ft lb			29.1*	29.1*	40.3*	49.4*	29.5*	37.7*	22.9*	30.5*	18.4*	25.7*	14.8*	14.8*	12.7*	12.7*	40.2"
	-1.5m t	12.3*	12.3*	18.8*	18.8*	18.5*	22.8*	13.4*	17.7*	10.4*	14.3*	8.4*	12.0*		6.4*	6.4*	11.8	
-5 ft lb	27.5*	27.5*	42.7*	42.7*	39.8*	49.3*	28.8*	38.3*	22.3*	31.0*	18.0*	25.9*		14.1*	14.1*	38.10"		
-3.0m t	18.9*	18.9*	25.8*	25.8*	18.6*	22.0*	13.4*	17.3*	10.3*	14.1*	8.4*	11.6*		7.4*	7.4*	11.2		
-10 ft lb	42.5*	42.5*	58.7*	58.7*	40.0*	47.6*	28.7*	37.5*	22.2*	30.4*	18.1*	24.9*		16.4*	16.4*	36.7"		
-4.5m t	25.9*	25.9*	26.1*	26.1*	18.9*	20.3*	13.5*	16.2*	10.5*	13.1*				8.9*	9.1*	10.3		
-15 ft lb	58.3*	58.3*	56.5*	56.5*	40.7*	43.9*	29.1*	35.0*	22.6*	28.1*				19.7*	20.4*	33.6"		
-6.0m t	29.1*	29.1*	22.2*	22.2*	17.6*	17.6*	14.0*	14.0*						10.5*	10.5*	9.0		
-20 ft lb	62.5*	62.5*	47.6*	47.6*	37.6*	37.6*	29.8*	29.8*						23.2*	23.2*	29.2"		
-7.5m t			15.9*	15.9*	12.6*	12.6*								9.7*	9.7*	7.2		
-25 ft lb			33.3*	33.3*	26.0*	26.0*								21.0*	21.0*	22.11"		
LC-V	12.0m t																	
	40 ft lb																	
	10.5m t								9.4*	9.4*					5.4*	5.4*	9.5	
	35 ft lb								17.3*	17.3*					11.9*	11.9*	30.7"	
	9.0m t								9.4*	9.4*	7.0*	7.0*			5.0*	5.0*	10.6	
	30 ft lb								20.6*	20.6*					11.1*	11.1*	34.6"	
	7.5m t								9.8*	9.8*	9.4*	9.4*			4.9*	4.9*	11.4	
	25 ft lb								21.4*	21.4*	20.6*	20.6*			10.7*	10.7*	37.4"	
	6.0m t						12.0*	12.0*	10.6*	10.6*	9.8*	9.8*	5.4*	5.4*	4.8*	4.8*	12.0	
	20 ft lb						25.8*	25.8*	23.0*	23.0*	21.3*	21.3*			10.6*	10.6*	39.4"	
	4.5m t				17.3*	17.3*	13.7*	13.7*	11.6*	11.6*	10.3*	10.3*	8.2*	8.9*	4.9*	4.9*	12.4	
	15 ft lb		54.6*	54.6*	37.2*	37.2*	29.4*	29.4*	25.1*	25.1*	22.3*	22.5*	15.2*	15.2*	10.8*	10.8*	40.6"	
	3.0m t				20.2*	20.2*	15.3*	15.3*	12.6*	12.6*	9.9*	11.0*	8.0*	9.9*	5.1*	5.1*	12.5	
	10 ft lb				43.5*	43.5*	33.1*	33.1*	27.1*	27.3*	21.4*	23.8*	17.2*	19.5*	11.1*	11.1*	41'	
	1.5m t				21.1*	22.1*	15.5*	16.7*	12.0*	13.5*	9.6*	11.5*	7.8*	10.2*	5.4*	5.4*	12.5	
	5 ft lb				45.6*	47.7*	33.4*	36.0*	25.9*	29.2*	20.6*	25.0*	16.8*	19.8*	11.8*	11.8*	40.11"	
	0m t			13.3*	13.3*	20.5*	22.9*	14.9*	17.5*	11.6*	14.1*	9.3*	11.9*	7.7*	9.1*	5.8*	5.8*	12.3
	0 ft lb			30.4*	30.4*	44.2*	49.5*	32.2*	37.8*	25.0*	30.6*	20.1*	25.8*	13.8*	13.8*	12.8*	12.8*	40.2"
	-1.5m t	13.1*	13.1*	19.5*	19.5*	20.3*	22.7*	14.6*	17.7*	11.3*	14.3*	9.2*	12.0*		6.5*	6.5*	11.8	
-5 ft lb	29.1*	29.1*	44.2*	44.2*	43.7*	49.2*	31.6*	38.3*	24.5*	31.0*	19.8*	25.9*		14.3*	14.3*	38.10"		
-3.0m t	19.7*	19.7*	26.7*	26.7*	20.4*	21.8*	14.6*	17.3*	11.3*	14.0*	9.2*	11.5*		7.6*	7.6*	11.2		
-10 ft lb	44.0*	44.0*	60.5*	60.5*	43.9*	47.3*	31.5*	37.3*	24.4*	30.3*	19.9*	24.7*		16.7*	16.7*	36.7"		
-4.5m t	26.8*	26.8*	25.7*	25.7*	20.1*	20.1*	14.8*	16.0*	11.5*	12.9*				9.4*	9.4*	10.3		
-15 ft lb	60.1*	60.1*	55.8*	55.8*	43.4*	43.4*	32.0*	34.6*	24.9*	27.7*				20.9*	20.9*	33.6"		
-6.0m t	28.3*	28.3*	21.6*	21.6*	17.1*	17.1*	13.6*	13.6*						10.5*	10.5*	9.0		
-20 ft lb	60.7*	60.7*	46.5*	46.5*	36.8*	36.8*	29.0*	29.0*						23.1*	23.1*	29.2"		
-7.5m t					11.7*	11.7*								9.5*	9.5*	7.2		
-25 ft lb					24.2*	24.2*								20.5*	20.5*	22.11"		

 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 by *). Without bucket cylinder, link and lever the lift capacities will increase by 1.150 kg / 2,540 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 5.00 m / 16'5"

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		12.0m 40 ft				m ft in
																		
HD	12.0m t																	
	40 ft lb																	
	10.5m t															4.2*	4.2*	10.5
	35 ft lb															9.3*	9.3*	33'11"
	9.0m t											8.4*	8.4*			3.9*	3.9*	11.5
	30 ft lb											17.2*	17.2*			8.7*	8.7*	37'5"
	7.5m t											8.6*	8.6*	5.7*	5.7*	3.8*	3.8*	12.3
	25 ft lb											18.8*	18.8*	8.7*	8.7*	8.4*	8.4*	40'
	6.0m t								9.7*	9.7*		9.0*	9.0*	8.0	8.5*	3.8*	3.8*	12.8
	20 ft lb								21.0*	21.0*		19.7*	19.7*	16.6*	16.6*	8.3*	8.3*	41'11"
	4.5m t					15.2*	15.2*	12.4*	12.4*	10.7*	10.7*	9.6*	9.6*	7.8	9.0*	3.8*	3.8*	13.1
	15 ft lb					32.7*	32.7*	26.7*	26.7*	23.2*	23.2*	21.0*	21.0*	16.7	19.6*	8.4*	8.4*	43'
	3.0m t			18.3*	18.3*	18.4*	18.4*	14.2*	14.2*	11.8*	11.8*	9.4	10.4*	7.5	9.4*	3.9*	3.9*	13.3
	10 ft lb			45.2*	45.2*	39.5*	39.5*	30.6*	30.6*	25.6*	25.6*	20.2	22.5*	16.1	20.5*	8.6*	8.6*	43'6"
	1.5m t			12.7*	12.7*	20.1	20.9*	14.7	15.8*	11.3	12.9*	9.0	11.0*	7.3	9.8*	4.1*	4.1*	13.2
	5 ft lb			29.8*	29.8*	43.2	45.0*	31.6	34.1*	24.3	27.9*	19.3	23.9*	15.6	21.3*	9.1*	9.1*	43'5"
	0m t			14.5*	14.5*	19.0	22.3*	13.9	16.9*	10.8	13.7*	8.6	11.6*	7.1	10.1	4.4*	4.4*	13.0
	0 ft lb			33.1*	33.1*	40.9	48.2*	29.9	36.6*	23.2	29.6*	18.5	25.1*	15.1	21.6	9.8*	9.8*	42'8"
	-1.5m t	11.9*	11.9*	18.3*	18.3*	18.6	22.8*	13.5	17.5*	10.4	14.2*	8.4	11.9*	6.9	9.9	4.9*	4.9*	12.6
	-5 ft lb	26.6*	26.6*	41.6*	41.6*	39.8	49.4*	28.9	37.9*	22.4	30.7*	18.0	25.7*	14.9	21.4	10.8*	10.8*	41'5"
LC-V	-3.0m t	16.8*	16.8*	23.5*	23.5*	18.4	22.5*	13.3	17.5*	10.3	14.2*	8.3	11.8*	6.0*	6.0*	5.6*	5.6*	12.0
	-10 ft lb	37.7*	37.7*	53.3*	53.3*	39.6	48.7*	28.6	37.9*	22.1	30.7*	17.9	25.5*	12.4*	12.4*	12.4*	12.4*	39'5"
	-4.5m t	22.3*	22.3*	28.2*	28.2*	18.6	21.4*	13.3	16.9*	10.3	13.7*	8.4	11.1*			6.7*	6.7*	11.2
	-15 ft lb	50.1*	50.1*	61.0*	61.0*	40.0	46.2*	28.7	36.4*	22.2	29.5*	18.1	23.8*			14.9*	14.9*	36'6"
	-6.0m t	28.7*	28.7*	24.9*	24.9*	19.1	19.2*	13.7	15.3*	10.6	12.2*					8.7*	8.7*	10.0
	-20 ft lb	64.8*	64.8*	53.7*	53.7*	41.0	41.4*	29.4	32.8*	22.9	25.9*					19.5*	19.5*	32'7"
	-7.5m t	26.7*	26.7*	19.9*	19.9*	15.6*	15.6*	12.1*	12.1*							9.8*	9.8*	8.4
	-25 ft lb	56.5*	56.5*	42.3*	42.3*	33.0*	33.0*	25.3*	25.3*							21.5*	21.5*	27'2"
	12.0m t															4.6*	4.6*	
	40 ft lb																	
	10.5m t											4.8*	4.8*			4.2*	4.2*	10.5
	35 ft lb											8.4*	8.4*			9.2*	9.2*	33'11"
	9.0m t											17.9*	17.9*			3.9*	3.9*	11.5
	30 ft lb											17.9*	17.9*			8.7*	8.7*	37'5"
	7.5m t											8.6*	8.6*	6.1*	6.1*	3.8*	3.8*	12.3
	25 ft lb											18.8*	18.8*	9.8*	9.8*	8.4*	8.4*	40'
	6.0m t								9.8*	9.8*		9.1*	9.1*	8.7*	8.7*	3.8*	3.8*	12.8
	20 ft lb								21.2*	21.2*		19.8*	19.8*	17.1*	17.1*	8.3*	8.3*	41'11"
	4.5m t			21.8*	21.8*	15.6*	15.6*	12.6*	12.6*	10.8*	10.8*	9.7*	9.7*	8.5	9.0*	3.8*	3.8*	13.1
	15 ft lb			46.2*	46.2*	33.4*	33.4*	27.1*	27.1*	23.5*	23.5*	21.1*	21.1*	18.1	19.7*	8.4*	8.4*	43'
	3.0m t			16.8*	16.8*	18.7*	18.7*	14.4*	14.4*	12.0*	12.0*	10.2	10.4*	8.2	9.4*	3.9*	3.9*	13.3
	10 ft lb			41.4*	41.4*	40.1*	40.1*	31.0*	31.0*	25.9*	25.9*	21.9	22.7*	17.6	20.6*	8.7*	8.7*	43'6"
	1.5m t			12.7*	12.7*	21.1*	21.1*	15.8	15.9*	12.2	13.0*	9.7	11.1*	7.9	9.8*	4.2*	4.2*	13.2
	5 ft lb			29.7*	29.7*	45.4*	45.4*	34.2	34.4*	26.4	28.1*	21.0	24.1*	17.0	21.4*	9.2*	9.2*	43'5"
	0m t			14.8*	14.8*	20.7	22.4*	15.1	17.0*	11.7	13.8*	9.4	11.6*	7.7	10.1*	4.5*	4.5*	13.0
	0 ft lb			33.8*	33.8*	44.7	48.4*	32.6	36.8*	25.3	29.8*	20.2	25.2*	16.6	22.0*	9.9*	9.9*	42'8"
	-1.5m t	12.4*	12.4*	18.9*	18.9*	20.3	22.8*	14.7	17.6*	11.4	14.2*	9.2	11.9*	7.6	10.2*	5.0*	5.0*	12.6
	-5 ft lb	27.7*	27.7*	42.7*	42.7*	43.7	49.4*	31.7	38.0*	24.5	30.7*	19.8	25.8*	16.4	20.9*	11.0*	11.0*	41'5"
	-3.0m t	17.4*	17.4*	24.2*	24.2*	20.2	22.4*	14.5	17.5*	11.2	14.2*	9.1	11.8*			5.7*	5.7*	12.0
	-10 ft lb	38.9*	38.9*	54.6*	54.6*	43.5	48.5*	31.3	37.9*	24.3	30.7*	19.6	25.4*			12.6*	12.6*	39'5"
	-4.5m t	22.9*	22.9*	27.9*	27.9*	20.5	21.2*	14.6	16.7*	11.3	13.6*	9.2	11.0*			6.9*	6.9*	11.2
	-15 ft lb	51.5*	51.5*	60.4*	60.4*	44.0	45.8*	31.5	36.2*	24.4	29.2*	19.9	23.5*			15.3*	15.3*	36'6"
	-6.0m t	29.6*	29.6*	24.5*	24.5*	18.9*	18.9*	15.0	15.0*	11.6	11.9*					9.0*	9.0*	10.0
	-20 ft lb	66.6*	66.6*	52.8*	52.8*	40.7*	40.7*	32.3*	32.3*	25.2	25.4*					20.2*	20.2*	32'7"
	-7.5m t	25.6*	25.6*	19.2*	19.2*	15.0*	15.0*	11.6*	11.6*							9.7*	9.7*	8.4
	-25 ft lb	54.2*	54.2*	40.8*	40.8*	31.8*	31.8*	24.0*	24.0*							21.3*	21.3*	27'2"



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 1,150 kg / 2,540 lb / 825 kg¹⁾ / 1,820 lb¹⁾. 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.

¹⁾ for stick 5.00 m / 16'5"

Lift capacities

with mono boom 8.20 m / 26'11", counterweight 14.5 t / 31,970 lb and track pads 750 mm / 30"

Stick 3.00 m / 9'10"

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		 12.0m 40 ft		  m ft in	
																
HD	12.0m t															
	40 ft lb															
	10.5m t														8.9*	8.9*
	35 ft lb														19.8*	19.8*
	9.0m t														8.2*	8.2*
	30 ft lb														18.1*	18.1*
	7.5m t														7.8*	7.8*
	25 ft lb														17.3*	17.3*
	6.0m t														7.8*	7.8*
	20 ft lb														17.1*	17.1*
	4.5m t														7.9*	7.9*
	15 ft lb														17.3*	17.3*
	3.0m t														8.1*	8.1*
	10 ft lb														17.9*	17.9*
	1.5m t														8.6*	8.6*
	5 ft lb														19.0*	19.0*
	0m t														9.4*	9.4*
	0 ft lb														20.8*	20.8*
	-1.5m t														10.3	10.7*
	-5 ft lb														22.6	23.6*
LC-V	-3.0m t	23.6*	23.6*	25.2*	25.2*	20.8*	20.8*	16.4	16.9*	12.8	13.8*				11.4	11.9*
	-10 ft lb	53.2*	53.2*	54.9*	54.9*	45.1*	45.1*	35.2	36.5*	27.6	29.6*				25.2	26.3*
	-4.5m t	25.6*	25.6*	22.2*	22.2*	18.4*	18.4*	14.9*	14.9*						11.8*	11.8*
	-15 ft lb	55.9*	55.9*	48.1*	48.1*	39.7*	39.7*	32.1*	32.1*						26.0*	26.0*
	-6.0m t			17.1*	17.1*	14.2*	14.2*								11.0*	11.0*
	-20 ft lb			36.5*	36.5*	30.0*	30.0*								24.0*	24.0*
	-7.5m t															
	-25 ft lb															
	12.0m t															
	40 ft lb															
	10.5m t														8.8*	8.8*
	35 ft lb														19.6*	19.6*
	9.0m t														8.1*	8.1*
	30 ft lb														18.0*	18.0*
	7.5m t														7.8*	7.8*
	25 ft lb														17.3*	17.3*
	6.0m t														7.8*	7.8*
	20 ft lb														17.1*	17.1*
	4.5m t														7.9*	7.9*
	15 ft lb														17.4*	17.4*
	3.0m t														8.2*	8.2*
	10 ft lb														18.0*	18.0*
	1.5m t														8.7*	8.7*
	5 ft lb														19.2*	19.2*
	0m t														9.5*	9.5*
	0 ft lb														21.0*	21.0*
	-1.5m t														10.8*	10.8*
	-5 ft lb														23.9*	23.9*
	-3.0m t	24.9*	24.9*	24.9*	24.9*	20.6*	20.6*	16.7*	16.7*	13.6*	13.6*				11.9*	11.9*
	-10 ft lb	55.8*	55.8*	54.4*	54.4*	44.7*	44.7*	36.2*	36.2*	29.3*	29.3*				26.3*	26.3*
	-4.5m t			21.7*	21.7*	18.0*	18.0*	14.6*	14.6*						11.8*	11.8*
	-15 ft lb			47.1*	47.1*	38.9*	38.9*	31.4*	31.4*						25.9*	25.9*
	-6.0m t			16.3*	16.3*	13.5*	13.5*								10.8*	10.8*
	-20 ft lb			34.9*	34.9*	28.6*	28.6*								23.6*	23.6*
	-7.5m t															
	-25 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 1.150 kg / 2,540 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 3.40 m / 11'2"

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		12.0m 40 ft		m ft in	
																
12.0m t																
40 ft lb																
10.5m t															7.4*	8.4
35 ft lb															16.6*	27.1"
9.0m t									10.6*	10.6*					6.9*	9.7
30 ft lb									23.4*	23.4*					15.3*	31.6"
7.5m t									10.8*	10.8*	8.1*	8.1*			6.6*	10.6
25 ft lb									23.7*	23.7*					14.6*	34.7"
6.0m t			21.8*	21.8*	15.8*	15.8*	13.1*	13.1*	11.5*	11.5*	10.6*	10.6*			6.6*	11.2
20 ft lb					34.0*	34.0*	28.3*	28.3*	25.0*	25.0*	23.2*	23.2*			14.5*	36.8"
4.5m t					18.9*	18.9*	14.7*	14.7*	12.4*	12.4*	11.1*	11.1*			6.6*	11.6
15 ft lb					40.6*	40.6*	31.7*	31.7*	26.9*	26.9*	24.0*	24.1*			14.6*	38'
3.0m t					21.6*	21.6*	16.2*	16.2*	13.3*	13.3*	10.8*	11.6*			6.9*	11.8
10 ft lb					46.5*	46.5*	35.0*	35.0*	28.9*	28.9*	23.3*	25.2*			15.2*	38.7"
1.5m t					22.6*	23.0*	16.7*	17.4*	13.1*	14.1*	10.5*	12.0*			7.3*	11.7
5 ft lb					48.6*	49.6*	36.0*	37.5*	28.1*	30.5*	22.7*	26.1*			16.1*	38.6"
0m t					22.3*	23.2*	16.3*	17.9*	12.7*	14.5*	10.3*	12.3*			7.9*	11.5
0 ft lb					47.8*	50.1*	35.0*	38.8*	27.4*	31.5*	22.3*	26.6*			17.5*	37.8"
-1.5m t			19.2*	19.2*	22.3*	22.6*	16.1*	17.8*	12.6*	14.5*	10.3*	12.1*			8.9*	11.0
-5 ft lb			43.8*	43.8*	47.8*	48.9*	34.7*	38.6*	27.1*	31.5*	22.2*	26.1*			19.7*	36.2"
-3.0m t	21.9*	21.9*	26.6*	26.6*	21.3*	21.3*	16.2*	17.1*	12.6*	13.9*					10.5*	10.3
-10 ft lb	49.2*	49.2*	57.9*	57.9*	46.1*	46.1*	34.9*	37.0*	27.2*	30.1*					23.3*	33.10"
-4.5m t	29.1*	29.1*	23.6*	23.6*	19.1*	19.1*	15.5*	15.5*	12.3*	12.3*					11.5*	9.3
-15 ft lb	63.2*	63.2*	51.2*	51.2*	41.3*	41.3*	33.3*	33.3*	26.0*	26.0*					25.2*	30.5"
-6.0m t			19.0*	19.0*	15.5*	15.5*	12.1*	12.1*							11.0*	7.9
-20 ft lb			40.6*	40.6*	33.0*	33.0*	25.1*	25.1*							24.0*	25.6"
-7.5m t																
-25 ft lb																
12.0m t																
40 ft lb																
10.5m t															7.4*	8.4
35 ft lb															16.4*	27.1"
9.0m t									10.6*	10.6*					6.8*	9.7
30 ft lb									23.4*	23.4*					15.2*	31.6"
7.5m t							11.9*	11.9*	10.9*	10.9*	9.2*	9.2*			6.6*	10.6
25 ft lb							25.8*	25.8*	23.8*	23.8*					14.6*	34.7"
6.0m t			22.7*	22.7*	16.2*	16.2*	13.2*	13.2*	11.6*	11.6*	10.7*	10.7*			6.6*	11.2
20 ft lb			47.8*	47.8*	34.6*	34.6*	28.6*	28.6*	25.2*	25.2*	23.3*	23.3*			14.5*	36.8"
4.5m t					19.3*	19.3*	14.9*	14.9*	12.5*	12.5*	11.1*	11.1*			6.7*	11.6
15 ft lb					41.3*	41.3*	32.0*	32.0*	27.1*	27.1*	24.2*	24.2*			14.7*	38'
3.0m t					21.9*	21.9*	16.4*	16.4*	13.4*	13.4*	11.6*	11.6*			6.9*	11.8
10 ft lb					47.0*	47.0*	35.3*	35.3*	29.1*	29.1*	25.1*	25.3*			15.2*	38.7"
1.5m t					23.1*	23.1*	17.4*	17.4*	14.0*	14.2*	11.3*	12.1*			7.3*	11.7
5 ft lb					49.8*	49.8*	37.7*	37.7*	30.3*	30.6*	24.5*	26.2*			16.2*	38.6"
0m t					23.1*	23.1*	17.5*	17.9*	13.7*	14.6*	11.1*	12.3*			8.0*	11.5
0 ft lb					50.1*	50.1*	37.9*	38.8*	29.6*	31.5*	24.1*	26.6*			17.7*	37.8"
-1.5m t			20.3*	20.3*	22.4*	22.4*	17.4*	17.8*	13.6*	14.5*	11.1*	12.0*			9.1*	11.0
-5 ft lb			46.1*	46.1*	48.7*	48.7*	37.6*	38.5*	29.3*	31.4*	24.0*	26.0*			20.0*	36.2"
-3.0m t	22.9*	22.9*	26.3*	26.3*	21.1*	21.1*	17.0*	17.0*	13.7*	13.8*					10.8*	10.3
-10 ft lb	51.3*	51.3*	57.3*	57.3*	45.8*	45.8*	36.7*	36.7*	29.5*	29.8*					23.8*	33.10"
-4.5m t	28.6*	28.6*	23.2*	23.2*	18.8*	18.8*	15.2*	15.2*	11.9*	11.9*					11.4*	9.3
-15 ft lb	62.1*	62.1*	50.3*	50.3*	40.7*	40.7*	32.7*	32.7*							25.2*	30.5"
-6.0m t			18.3*	18.3*	14.9*	14.9*	11.4*	11.4*							10.8*	7.9
-20 ft lb			39.2*	39.2*	31.9*	31.9*									23.8*	25.6"
-7.5m t																
-25 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 1,150 kg / 2,540 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 8.20 m / 26'11", counterweight 14.5 t / 31,970 lb and track pads 750 mm / 30"

Stick 4.20 m / 13'9"

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		 12.0m 40 ft		  m ft in	
																
HD	12.0m t															
	40 ft lb															
	10.5m t								8.7*	8.7*					5.4*	5.4*
	35 ft lb								15.3*	15.3*					12.1*	12.1*
	9.0m t								9.4*	9.4*	6.1*	6.1*			5.0*	5.0*
	30 ft lb								20.6*	20.6*					11.2*	11.2*
	7.5m t								9.8*	9.8*	9.4*	9.4*			4.9*	4.9*
	25 ft lb								21.3*	21.3*	20.6*	20.6*			10.8*	10.8*
	6.0m t						11.8*	11.8*	10.5*	10.5*	9.7*	9.7*			4.8*	4.8*
	20 ft lb						25.5*	25.5*	22.8*	22.8*	21.2*	21.2*			10.6*	10.6*
	4.5m t			25.0*	25.0*	17.0*	17.0*	13.5*	11.5*	11.5*	10.3*	10.3*	8.6*	8.6*	4.9*	4.9*
	15 ft lb			53.0*	53.0*	36.5*	36.5*	29.0*	24.9*	24.9*	22.4*	22.4*	14.6*	14.6*	10.7*	10.7*
	3.0m t					20.0*	20.0*	15.1*	12.5*	12.5*	10.9*	10.9*	8.8*	8.8*	5.0*	5.0*
	10 ft lb					42.9*	42.9*	32.7*	27.1*	27.1*	23.3*	23.3*	18.9*	19.2*	11.1*	11.1*
	1.5m t					22.0*	22.0*	16.5*	13.1*	13.4*	10.5*	11.5*	8.6*	10.1*	5.3*	5.3*
	5 ft lb					47.4*	47.4*	35.7*	28.1*	29.1*	22.6*	24.9*	18.5*	20.0*	11.7*	11.7*
	0m t			12.6*	12.6*	22.2*	22.8*	16.2*	12.6*	14.1*	10.2*	11.9*	8.4*	9.5*	5.7*	5.7*
	0 ft lb			29.1*	29.1*	47.7*	49.4*	35.0*	27.2*	30.5*	22.0*	25.7*	14.8*	14.8*	12.7*	12.7*
	-1.5m t	12.3*	12.3*	18.8*	18.8*	22.0*	22.8*	15.9*	12.4*	14.3*	10.1*	12.0*			6.4*	6.4*
LC-V	-5 ft lb	27.5*	27.5*	42.7*	42.7*	47.2*	49.3*	34.3*	26.7*	31.0*	21.6*	25.9*			14.1*	14.1*
	-3.0m t	18.9*	18.9*	25.8*	25.8*	22.0*	22.0*	15.9*	12.3*	14.1*	10.1*	11.6*			7.4*	7.4*
	-10 ft lb	42.5*	42.5*	58.7*	58.7*	47.4*	47.6*	34.2*	26.6*	30.4*	21.7*	24.9*			16.4*	16.4*
	-4.5m t	25.9*	25.9*	26.1*	26.1*	20.3*	20.3*	16.1*	12.5*	13.1*					9.1*	9.1*
	-15 ft lb	58.3*	58.3*	56.5*	56.5*	43.9*	43.9*	34.6*	27.0*	28.1*					20.4*	20.4*
	-6.0m t	29.1*	29.1*	22.2*	22.2*	17.6*	17.6*	14.0*							10.5*	10.5*
	-20 ft lb	62.5*	62.5*	47.6*	47.6*	37.6*	37.6*	29.8*							23.2*	23.2*
	-7.5m t			15.9*	15.9*	12.6*	12.6*								9.7*	9.7*
	-25 ft lb			33.3*	33.3*	26.0*	26.0*								21.0*	21.0*
	12.0m t															
	40 ft lb															
	10.5m t								9.4*	9.4*					5.4*	5.4*
	35 ft lb								17.3*	17.3*					11.9*	11.9*
	9.0m t								9.4*	9.4*	7.0*	7.0*			5.0*	5.0*
	30 ft lb								20.6*	20.6*					11.1*	11.1*
	7.5m t								9.8*	9.8*	9.4*	9.4*			4.9*	4.9*
	25 ft lb								21.4*	21.4*	20.6*	20.6*			10.7*	10.7*
	6.0m t						12.0*	12.0*	10.6*	10.6*	9.8*	9.8*	5.4*	5.4*	4.8*	4.8*
	20 ft lb						25.8*	25.8*	23.0*	23.0*	21.3*	21.3*			10.6*	10.6*
LC-V	4.5m t					17.3*	17.3*	13.7*	11.6*	11.6*	10.3*	10.3*	8.9*	8.9*	4.9*	4.9*
	15 ft lb			54.6*	54.6*	37.2*	37.2*	29.4*	25.1*	25.1*	22.5*	22.5*	15.2*	15.2*	10.8*	10.8*
	3.0m t					20.2*	20.2*	15.3*	12.6*	12.6*	11.0*	11.0*	9.5*	9.9*	5.1*	5.1*
	10 ft lb					43.5*	43.5*	33.1*	27.3*	27.3*	23.8*	23.8*	19.5*	19.5*	11.1*	11.1*
	1.5m t					22.1*	22.1*	16.7*	13.5*	13.5*	11.3*	11.5*	9.3*	10.2*	5.4*	5.4*
	5 ft lb					47.7*	47.7*	36.0*	29.2*	29.2*	24.3*	25.0*	19.8*	19.8*	11.8*	11.8*
	0m t			13.3*	13.3*	22.9*	22.9*	17.5*	13.6*	14.1*	11.0*	11.9*	9.1*	9.1*	5.8*	5.8*
	0 ft lb			30.4*	30.4*	49.5*	49.5*	37.8*	29.4*	30.6*	23.7*	25.8*	13.8*	13.8*	12.8*	12.8*
	-1.5m t	13.1*	13.1*	19.5*	19.5*	22.7*	22.7*	17.2*	13.4*	14.3*	10.9*	12.0*			6.5*	6.5*
	-5 ft lb	29.1*	29.1*	44.2*	44.2*	49.2*	49.2*	37.2*	28.9*	31.0*	23.4*	25.9*			14.3*	14.3*
	-3.0m t	19.7*	19.7*	26.7*	26.7*	21.8*	21.8*	17.2*	13.4*	14.0*	10.9*	11.5*			7.6*	7.6*
	-10 ft lb	44.0*	44.0*	60.5*	60.5*	47.3*	47.3*	37.1*	28.8*	30.3*	23.6*	24.7*			16.7*	16.7*
	-4.5m t	26.8*	26.8*	25.7*	25.7*	20.1*	20.1*	16.0*	12.9*	12.9*					9.4*	9.4*
	-15 ft lb	60.1*	60.1*	55.8*	55.8*	43.4*	43.4*	34.6*	27.7*	27.7*					20.9*	20.9*
	-6.0m t	28.3*	28.3*	21.6*	21.6*	17.1*	17.1*	13.6*							10.5*	10.5*
	-20 ft lb	60.7*	60.7*	46.5*	46.5*	36.8*	36.8*	29.0*							23.1*	23.1*
	-7.5m t					11.7*	11.7*								9.5*	9.5*
	-25 ft lb					24.2*	24.2*								20.5*	20.5*
	12.0m t															
	40 ft lb															
	10.5m t								9.4*	9.4*					5.4*	5.4*
	35 ft lb								17.3*	17.3*					11.9*	11.9*
	9.0m t								9.4*	9.4*	7.0*	7.0*			5.0*	5.0*
	30 ft lb								20.6*	20.6*					11.1*	11.1*
	7.5m t								9.8*	9.8*	9.4*	9.4*			4.9*	4.9*
	25 ft lb								21.4*	21.4*	20.6*	20.6*			10.7*	10.7*
	6.0m t						12.0*	12.0*	10.6*	10.6*	9.8*	9.8*	5.4*	5.4*	4.8*	4.8*
	20 ft lb						25.8*	25.8*	23.0*	23.0*	21.3*	21.3*			10.6*	10.6*
	4.5m t					17.3*	17.3*	13.7*	11.6*	11.6*	10.3*	10.3*	8.9*	8.9*	4.9*	4.9*
	15 ft lb			54.6*	54.6*	37.2*	37.2*	29.4*	25.1*	25.1*	22.5*	22.5*	15.2*	15.2*	10.8*	10.8*
	3.0m t					20.2*	20.2*	15.3*	12.6*	12.6*	11.0*	11.0*	9.5*	9.9*	5.1*	5.1*
	10 ft lb					43.5*	43.5*	33.1*	27.3*	27.3*	23.8*	23.8*	19.5*	19.5*	11.1*	11.1*
	1.5m t					22.1*	22.1*	16.7*	13.5*	13.5*	11.3*	11.5*	9.3*	10.2*	5.4*	5.4*
	5 ft lb					47.7*	47.7*	36.0*	29.2*	29.2*	24.3*	25.0*	19.8*	19.8*	11.8*	11.8*
	0m t			13.3*	13.3*	22.9*	22.9*	17.5*	13.6*	14.1*	11.0*	11.9*	9.1*	9.1*	5.8*	5.8*
	0 ft lb			30.4*	30.4*	49.5*	49.5*	37.8*	29.4*	30.6*	23.7*	25.8*	13.8*	13.8*	12.8*	12.8*
	-1.5m t	13.1*	13.1*	19.5*	19.5*	22.7*	22.7*	17.2*	13.4*	14.3*	10.9*	12.0*			6.5*	6.5*
	-5 ft lb	29.1*	29.1*	44.2*	44.2*	49.2*	49.2*	37.2*	28.9*	31.0*	23.4*	25.9*			14.3*	14.3*
	-3.0m t	19.7*	19.7*	26.7*	26.7*	21.8*	21.8*	17.2*	13.4*	14.0*	10.9*	11.5*			7.6*	7.6*
	-10 ft lb	44.0*	44.0*	60.5*	60.5*	47.3*	47.3*	37.1*	28.8*	30.3*	23.6*	24.7*			16.7*	16.7*
	-4.5m t	26.8*	26.8*	25.7*	25.7*	20.1*	20.1*	16.0*	12.9*	12.9*					9.4*	9.4*
	-15 ft lb	60.1*	60.1*	55.8*	55.8*	43.4*	43.4*	34.6*	27.7*	27.7*					20.9*	20.9*
	-6.0m t	28.3*	28.3*	21.6*	21.6*	17.1*	17.1*	13.6*							10.5*	10.5*
	-20 ft lb	60.7*	60.7*	46.5*	46.5*	36.8*	36.8*	29.0*							23.1*	23.1*
	-7.5m t					11.7*	11.7*								9.5*	9.5*
	-25 ft lb					24.2*	24.2*								20.5*	20.5*

 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 1.150 kg / 2,540 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 5.00 m / 16'5"

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		12.0m 40 ft				m ft in
																		
HD	12.0m t																	
	40 ft lb																	
	10.5m t															4.2*	4.2*	10.5
	35 ft lb															9.3*	9.3*	33'11"
	9.0m t											8.4*	8.4*			3.9*	3.9*	11.5
	30 ft lb											17.2*	17.2*			8.7*	8.7*	37'5"
	7.5m t											8.6*	8.6*	5.7*	5.7*	3.8*	3.8*	12.3
	25 ft lb											18.8*	18.8*	8.7*	8.7*	8.4*	8.4*	40'
	6.0m t								9.7*	9.7*		9.0*	9.0*	8.5*	8.5*	3.8*	3.8*	12.8
	20 ft lb								21.0*	21.0*		19.7*	19.7*	16.6*	16.6*	8.3*	8.3*	41'11"
	4.5m t					15.2*	15.2*	12.4*	12.4*	10.7*	10.7*	9.6*	9.6*	9.0*	9.0*	3.8*	3.8*	13.1
	15 ft lb					32.7*	32.7*	26.7*	26.7*	23.2*	23.2*	21.0*	21.0*	19.6*	19.6*	8.4*	8.4*	43'
	3.0m t			18.3*	18.3*	18.4*	18.4*	14.2*	14.2*	11.8*	11.8*	10.4*	10.4*	9.0*	9.4*	3.9*	3.9*	13.3
	10 ft lb			45.2*	45.2*	39.5*	39.5*	30.6*	30.6*	25.6*	25.6*	22.5*	22.5*	19.2*	20.5*	8.6*	8.6*	43'6"
	1.5m t			12.7*	12.7*	20.9*	20.9*	15.8*	15.8*	12.9*	12.9*	10.6*	11.0*	8.7*	9.8*	4.1*	4.1*	13.2
	5 ft lb			29.8*	29.8*	45.0*	45.0*	34.1*	34.1*	27.9*	27.9*	22.9*	23.9*	18.7*	21.3*	9.1*	9.1*	43'5"
	0m t			14.5*	14.5*	22.3*	22.3*	16.5*	16.9*	12.8*	13.7*	10.3*	11.6*	8.5*	10.1*	4.4*	4.4*	13.0
	0 ft lb			33.1*	33.1*	48.2*	48.2*	35.4*	36.6*	27.5*	29.6*	22.1*	25.1*	18.2*	21.9*	9.8*	9.8*	42'8"
	-1.5m t	11.9*	11.9*	18.3*	18.3*	22.0*	22.8*	16.0*	17.5*	12.4*	14.2*	10.1*	11.9*	8.4*	10.2*	4.9*	4.9*	12.6
	-5 ft lb	26.6*	26.6*	41.6*	41.6*	47.3*	49.4*	34.4*	37.9*	26.8*	30.7*	21.6*	25.7*	18.0*	21.9*	10.8*	10.8*	41'5"
	-3.0m t	16.8*	16.8*	23.5*	23.5*	21.9*	22.5*	15.8*	17.5*	12.3*	14.2*	10.0*	11.8*	6.0*	6.0*	5.6*	5.6*	12.0
LCV	-10 ft lb	37.7*	37.7*	53.3*	53.3*	47.0*	48.7*	34.0*	37.9*	26.4*	30.7*	21.5*	25.5*			12.4*	12.4*	39'5"
	-4.5m t	22.3*	22.3*	28.2*	28.2*	21.4*	21.4*	15.9*	16.9*	12.3*	13.7*	10.1*	11.1*			6.7*	6.7*	11.2
	-15 ft lb	50.1*	50.1*	61.0*	61.0*	46.2*	46.2*	34.2*	36.4*	26.6*	29.5*	21.7*	23.8*			14.9*	14.9*	36'6"
	-6.0m t	28.7*	28.7*	24.9*	24.9*	19.2*	19.2*	15.3*	15.3*	12.2*	12.2*					8.7*	8.7*	10.0
	-20 ft lb	64.8*	64.8*	53.7*	53.7*	41.4*	41.4*	32.8*	32.8*	25.9*	25.9*					19.5*	19.5*	32'7"
	-7.5m t	26.7*	26.7*	19.9*	19.9*	15.6*	15.6*	12.1*	12.1*							9.8*	9.8*	8.4
	-25 ft lb	56.5*	56.5*	42.3*	42.3*	33.0*	33.0*	25.3*	25.3*							21.5*	21.5*	27'2"
	12.0m t															4.6*	4.6*	
	40 ft lb																	
	10.5m t											4.8*	4.8*			4.2*	4.2*	10.5
	35 ft lb											8.4*	8.4*			9.2*	9.2*	33'11"
	9.0m t											17.9*	17.9*			3.9*	3.9*	11.5
	30 ft lb											17.9*	17.9*			8.7*	8.7*	37'5"
	7.5m t											8.6*	8.6*	6.1*	6.1*	3.8*	3.8*	12.3
	25 ft lb											18.8*	18.8*	9.8*	9.8*	8.4*	8.4*	40'
	6.0m t								9.8*	9.8*		9.1*	9.1*	8.7*	8.7*	3.8*	3.8*	12.8
	20 ft lb								21.2*	21.2*		19.8*	19.8*	17.1*	17.1*	8.3*	8.3*	41'11"
	4.5m t			21.8*	21.8*	15.6*	15.6*	12.6*	12.6*	10.8*	10.8*	9.7*	9.7*	9.0*	9.0*	3.8*	3.8*	13.1
	15 ft lb			46.2*	46.2*	33.4*	33.4*	27.1*	27.1*	23.5*	23.5*	21.1*	21.1*	19.7*	19.7*	8.4*	8.4*	43'
	3.0m t			16.8*	16.8*	18.7*	18.7*	14.4*	14.4*	12.0*	12.0*	10.4*	10.4*	9.4*	9.4*	3.9*	3.9*	13.3
	10 ft lb			41.4*	41.4*	40.1*	40.1*	31.0*	31.0*	25.9*	25.9*	22.7*	22.7*	20.6*	20.6*	8.7*	8.7*	43'6"
	1.5m t			12.7*	12.7*	21.1*	21.1*	15.9*	15.9*	13.0*	13.0*	11.1*	11.1*	9.4*	9.8*	4.2*	4.2*	13.2
	5 ft lb			29.7*	29.7*	45.4*	45.4*	34.4*	34.4*	28.1*	28.1*	24.1*	24.1*	20.2*	21.4*	9.2*	9.2*	43'5"
	0m t			14.8*	14.8*	22.4*	22.4*	17.0*	17.0*	13.8*	13.8*	11.1*	11.6*	9.2*	10.1*	4.5*	4.5*	13.0
	0 ft lb			33.8*	33.8*	48.4*	48.4*	36.8*	36.8*	29.7*	29.8*	23.9*	25.2*	19.7*	22.0*	9.9*	9.9*	42'8"
	-1.5m t	12.4*	12.4*	18.9*	18.9*	22.8*	22.8*	17.3*	17.6*	13.4*	14.2*	10.9*	11.9*	9.0*	10.2*	5.0*	5.0*	12.6
	-5 ft lb	27.7*	27.7*	42.7*	42.7*	49.4*	49.4*	37.3*	38.0*	29.0*	30.7*	23.4*	25.8*	19.5*	20.9*	11.0*	11.0*	41'5"
	-3.0m t	17.4*	17.4*	24.2*	24.2*	22.4*	22.4*	17.1*	17.5*	13.3*	14.2*	10.8*	11.8*			5.7*	5.7*	12.0
	-10 ft lb	38.9*	38.9*	54.6*	54.6*	48.5*	48.5*	36.9*	37.9*	28.7*	30.7*	23.3*	25.4*			12.6*	12.6*	39'5"
	-4.5m t	22.9*	22.9*	27.9*	27.9*	21.2*	21.2*	16.7*	16.7*	13.4*	13.6*	10.9*	11.0*			6.9*	6.9*	11.2
	-15 ft lb	51.5*	51.5*	60.4*	60.4*	45.8*	45.8*	36.2*	36.2*	28.8*	29.2*	23.5*	23.5*			15.3*	15.3*	36'6"
	-6.0m t	29.6*	29.6*	24.5*	24.5*	18.9*	18.9*	15.0*	15.0*	11.9*	11.9*					9.0*	9.0*	10.0
	-20 ft lb	66.6*	66.6*	52.8*	52.8*	40.7*	40.7*	32.3*	32.3*	25.4*	25.4*					20.2*	20.2*	32'7"
	-7.5m t	25.6*	25.6*	19.2*	19.2*	15.0*	15.0*	11.6*	11.6*							9.7*	9.7*	8.4
	-25 ft lb	54.2*	54.2*	40.8*	40.8*	31.8*	31.8*	24.0*	24.0*							21.3*	21.3*	27'2"

 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 1,150 kg / 2,540 lb / 825 kg¹⁾ / 1,820 lb¹⁾. 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.

¹⁾ for stick 5.00 m / 16'5"

Lift capacities

with mono boom 10.00 m / 32'10", counterweight 14.5 t / 31,970 lb and track pads 750 mm / 30"

Stick 3.00 m / 9'10"

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				m ft in
																						
HD	12.0m t																					
	40ft lb																					
	10.5m t																			7.8*	7.8*	10.4
	35ft lb																			17.2*	17.2*	33*8"
	9.0m t											7.7*	7.7*							7.6*	7.6*	11.4
	30ft lb											16.8*	16.8*							16.8*	16.8*	37*4"
	7.5m t									8.8*	8.8*	8.0*	8.0*	7.7*	7.7*					7.5*	7.5*	12.2
	25ft lb									19.0*	19.0*	17.4*	17.4*							16.4*	16.4*	39*11"
	6.0m t						11.9*	11.9*	9.7*	9.7*	8.5*	8.5*		7.9*	7.9*					7.4*	7.4*	12.7
	20ft lb						25.5*	25.5*	20.9*	20.9*	18.5*	18.5*		17.2*	17.2*					16.4*	16.4*	41*8"
	4.5m t								10.7*	10.7*	9.1*	9.1*		8.2*	8.2*					7.2*	7.5*	13.1
	15ft lb								23.1*	23.1*	19.8*	19.8*		17.9*	17.9*					16.0*	16.6*	42*10"
	3.0m t								11.7*	11.7*	9.7*	9.8*		8.1*	8.6*					6.9*	7.8*	13.2
	10ft lb								25.2*	25.2*	21.0*	21.1*		17.3*	18.7*					15.3*	17.1*	43*4"
	1.5m t								11.4*	12.4*	9.4*	10.3*		7.8*	9.0*					6.8*	8.2*	13.2
	5ft lb								24.6*	26.8*	20.2*	22.3*		16.8*	19.5*					15.0*	18.0*	43*4"
	0m t						14.3*	16.0*	11.2*	12.8*	9.1*	10.7*		7.7*	9.3*					6.9*	8.6*	13.0
	0ft lb						30.7*	34.7*	24.0*	27.7*	19.7*	23.2*		16.5*	20.1*					15.2*	18.9*	42*7"
	-1.5m t						14.4*	15.9*	11.1*	13.0*	9.0*	10.9*		7.6*	9.4*					7.2*	8.9*	12.6
	-5ft lb						30.9*	34.4*	23.9*	28.1*	19.5*	23.6*		16.4*	20.3*					15.9*	19.6*	41*2"
LCV	-3.0m t				18.4*	18.4*	14.5*	15.5*	11.2*	12.8*	9.1*	10.8*								7.8*	9.2*	12.0
	-10ft lb				40.2*	40.2*	31.2*	33.6*	24.1*	27.8*	19.6*	23.4*								17.2*	20.3*	39*2"
	-4.5m t		20.1*	20.1*	17.6*	17.6*	14.8*	14.8*	11.4*	12.3*	9.3*	10.3*								8.8*	9.5*	11.1
	-15ft lb		44.2*	44.2*	38.4*	38.4*	31.9*	32.0*	24.6*	26.7*	20.2*	22.2*								19.4*	20.9*	36*4"
	-6.0m t		19.0*	19.0*	16.2*	16.2*	13.5*	13.5*	11.2*	11.2*										9.7*	9.7*	10.0
	-20ft lb		41.3*	41.3*	34.9*	34.9*	29.2*	29.2*	24.1*	24.1*										21.4*	21.4*	32*5"
	-7.5m t		16.1*	16.1*	13.6*	13.6*	11.2*	11.2*												9.6*	9.6*	8.4
	-25ft lb		34.5*	34.5*	29.1*	29.1*	23.7*	23.7*												21.2*	21.2*	26*11"
	-9.0m t																					
	-30ft lb																					
	-10.5m t																					
	-35ft lb																					
	12.0m t																					
	40ft lb																					
	10.5m t											7.8*	7.8*							7.8*	7.8*	10.4
	35ft lb																			17.2*	17.2*	33*8"
	9.0m t											7.7*	7.7*							7.6*	7.6*	11.4
	30ft lb											16.9*	16.9*							16.8*	16.8*	37*4"
	7.5m t				13.5*	13.5*	10.4*	10.4*	8.9*	8.9*	8.0*	8.0*		7.7*	7.7*					7.4*	7.4*	12.2
	25ft lb						22.2*	22.2*	19.2*	19.2*	17.5*	17.5*		16.9*	16.9*					16.4*	16.4*	39*11"
	6.0m t						12.1*	12.1*	9.8*	9.8*	8.6*	8.6*		7.9*	7.9*					7.4*	7.4*	12.7
	20ft lb						25.9*	25.9*	21.1*	21.1*	18.6*	18.6*		17.3*	17.3*					16.4*	16.4*	41*8"
	4.5m t								10.8*	10.8*	9.2*	9.2*		8.3*	8.3*					7.6*	7.6*	13.1
	15ft lb						30.0*	30.0*	23.3*	23.3*	19.9*	19.9*		18.0*	18.0*					16.7*	16.7*	42*10"
	3.0m t								11.8*	11.8*	9.8*	9.8*		8.7*	8.7*					7.5*	7.8*	13.2
	10ft lb								25.4*	25.4*	21.3*	21.3*		18.8*	18.8*					16.6*	17.2*	43*4"
	1.5m t								12.4*	12.5*	10.2*	10.4*		8.5*	9.0*					7.5*	8.2*	13.2
	5ft lb								26.8*	26.9*	21.9*	22.4*		18.3*	19.6*					16.4*	18.1*	43*4"
	0m t						15.6*	16.0*	12.2*	12.9*	9.9*	10.7*		8.3*	9.3*					7.6*	8.6*	13.0
	0ft lb						33.6*	34.7*	26.2*	27.8*	21.5*	23.2*		18.0*	20.1*					16.7*	19.0*	42*7"
	-1.5m t						15.7*	15.8*	12.1*	13.0*	9.9*	10.9*		8.3*	9.4*					7.9*	8.9*	12.6
	-5ft lb						33.8*	34.4*	26.1*	28.1*	21.3*	23.6*		18.0*	20.3*					17.5*	19.6*	41*2"
	-3.0m t				18.4*	18.4*	15.4*	15.4*	12.2*	12.8*	9.9*	10.8*								8.6*	9.2*	12.0
	-10ft lb				40.1*	40.1*	33.5*	33.5*	26.3*	27.7*	21.5*	23.3*								18.9*	20.3*	39*2"
	-4.5m t		20.1*	20.1*	17.5*	17.5*	14.7*	14.7*	12.2*	12.2*	10.2*	10.2*								9.5*	9.5*	11.1
	-15ft lb		44.1*	44.1*	38.1*	38.1*	31.8*	31.8*	26.5*	26.5*	21.9*	21.9*								21.0*	21.0*	36*4"
	-6.0m t		18.8*	18.8*	15.9*	15.9*	13.3*	13.3*	11.0*	11.0*										9.7*	9.7*	10.0
	-20ft lb		40.8*	40.8*	34.5*	34.5*	28.8*	28.8*	23.6*	23.6*										21.4*	21.4*	32*5"
	-7.5m t		15.6*	15.6*	13.2*	13.2*	10.8*	10.8*												9.6*	9.6*	8.4
	-25ft lb		33.5*	33.5*	28.3*	28.3*	22.8*	22.8*												21.1*	21.1*	26*11"
	-9.0m t																					
	-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 1,150 kg / 2,540 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 3.40 m / 11'2"

Under-carriage	Height	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		Max. reach		m ft in
HD	12.0m t																					
	40ft lb																					
	10.5m t											7.2*	7.2*							6.7*	6.7*	10.9
	35ft lb											16.1*	16.1*							14.9*	14.9*	35'2"
	9.0m t											7.2*	7.2*							6.4*	6.4*	11.9
	30ft lb											15.9*	15.9*							14.2*	14.2*	38'8"
	7.5m t									8.3*	8.3*	7.6*	7.6*	7.2*	7.2*					6.3*	6.3*	12.6
	25ft lb									18.1*	18.1*	16.6*	16.6*	15.9*	15.9*					13.9*	13.9*	41'2"
	6.0m t							11.3*	11.3*	9.3*	9.3*	8.2*	8.2*	7.5*	7.5*					6.3*	6.3*	13.1
	20ft lb							24.2*	24.2*	20.0*	20.0*	17.7*	17.7*	16.4*	16.4*					13.8*	13.8*	43'
	4.5m t							13.1*	13.1*	10.3*	10.3*	8.8*	8.8*	7.9*	7.9*					6.4*	6.4*	13.4
	15ft lb							28.1*	28.1*	22.2*	22.2*	19.1*	19.1*	17.2*	17.2*					14.0*	14.0*	44'1"
	3.0m t							14.7*	14.7*	11.3*	11.3*	9.5*	9.5*	8.0*	8.3*	6.7	7.7*			6.6*	6.6*	13.6
	10ft lb							31.5*	31.5*	24.4*	24.4*	20.5*	20.5*	17.3	18.1*					14.5*	14.5*	44'7"
	1.5m t							14.3	15.6*	11.4	12.1*	9.3	10.0*	7.8	8.7*	6.5	7.9*			6.5	6.9*	13.6
	5ft lb							30.9	33.5*	24.6	26.1*	20.1	21.7*	16.7	19.0*					14.3	15.2*	44'6"
	0m t							14.2	15.9*	11.1	12.6*	9.1	10.5*	7.6	9.1*					6.6	7.4*	13.4
	0ft lb							30.5	34.3*	23.9	27.3*	19.5	22.7*	16.3	19.6*					14.4	16.2*	43'10"
	-1.5m t							14.2	15.9*	11.0	12.8*	8.9	10.7*	7.5	9.2*					6.8	8.1*	13.0
	-5ft lb							30.5	34.3*	23.7	27.8*	19.3	23.2*	16.2	20.0*					15.0	17.8*	42'6"
LCV	-3.0m t					19.0*	19.0*	14.3	15.6*	11.0	12.8*	9.0	10.7*	7.6	9.1*					7.3	8.7*	12.4
	-10ft lb					41.3*	41.3*	30.8	33.7*	23.8	27.7*	19.3	23.2*	16.3	19.7*					16.1	19.3*	40'7"
	-4.5m t					19.0*	19.0*	14.6	14.9*	11.2	12.4*	9.1	10.4*							8.2	9.1*	11.6
	-15ft lb	45.3*	45.3*	47.2*	47.2*	39.4*	39.4*	31.4	32.4*	24.2	26.8*	19.7	22.4*							18.1	20.0*	37'10"
	-6.0m t	24.5*	24.5*	20.2*	20.2*	16.7*	16.7*	13.9*	13.9*	11.5*	11.5*									9.3*	9.3*	10.5
	-20ft lb	53.4*	53.4*	43.8*	43.8*	36.2*	36.2*	29.9*	29.9*	24.7*	24.7*									20.6*	20.6*	34'
	-7.5m t			17.4*	17.4*	14.4*	14.4*	11.9*	11.9*											9.4*	9.4*	9.0
	-25ft lb			37.4*	37.4*	30.9*	30.9*	25.4*	25.4*											20.7*	20.7*	28'11"
	-9.0m t					10.2*	10.2*													8.8*	8.8*	6.8
	-30ft lb																					
	-10.5m t																					
	-35ft lb																					
	12.0m t																					
	40ft lb																					
	10.5m t											7.2*	7.2*							6.7*	6.7*	10.9
	35ft lb											16.0*	16.0*							14.8*	14.8*	35'2"
	9.0m t											7.3*	7.3*							6.4*	6.4*	11.9
	30ft lb											15.9*	15.9*							14.2*	14.2*	38'8"
	7.5m t									8.4*	8.4*	7.7*	7.7*	7.3*	7.3*					6.3*	6.3*	12.6
	25ft lb									18.2*	18.2*	16.7*	16.7*	16.0*	16.0*					13.9*	13.9*	41'2"
	6.0m t							11.5*	11.5*	9.4*	9.4*	8.2*	8.2*	7.6*	7.6*					6.3*	6.3*	13.1
	20ft lb							24.6*	24.6*	20.2*	20.2*	17.8*	17.8*	16.5*	16.5*					13.9*	13.9*	43'
	4.5m t							13.3*	13.3*	10.4*	10.4*	8.9*	8.9*	8.0*	8.0*					6.4*	6.4*	13.4
	15ft lb							28.5*	28.5*	22.5*	22.5*	19.2*	19.2*	17.3*	17.3*					14.1*	14.1*	44'1"
	3.0m t							14.8*	14.8*	11.4*	11.4*	9.5*	9.5*	8.4*	8.4*	7.2	7.7*			6.6*	6.6*	13.6
	10ft lb							31.8*	31.8*	24.6*	24.6*	20.6*	20.6*	18.2*	18.2*					14.5*	14.5*	44'7"
	1.5m t							15.6	15.6*	12.2*	12.2*	10.1*	10.1*	8.4	8.8*	7.1	7.9*			6.9*	6.9*	13.6
	5ft lb							33.6*	33.6*	26.3*	26.3*	21.8*	21.8*	18.2	19.0*					15.3*	15.3*	44'6"
	0m t							15.5	15.9*	12.1	12.7*	9.9	10.5*	8.3	9.1*					7.2	7.4*	13.4
	0ft lb							33.4	34.3*	26.1	27.3*	21.3	22.8*	17.8	19.7*					15.8	16.4*	43'10"
	-1.5m t							15.5	15.8*	12.0	12.9*	9.8	10.7*	8.2	9.2*					7.5	8.2*	13.0
	-5ft lb					31.3*	31.3*	33.4	34.3*	25.9	27.8*	21.1	23.2*	17.7	20.0*					16.5	18.0*	42'6"
	-3.0m t					18.9*	18.9*	15.5*	15.5*	12.1	12.8*	9.8	10.7*	8.3	9.1*					8.1	8.8*	12.4
	-10ft lb					41.1*	41.1*	33.6*	33.6*	26.0	27.6*	21.1	23.2*	17.9	19.6*					17.8	19.4*	40'7"
	-4.5m t	21.1*	21.1*	21.5*	21.5*	18.0*	18.0*	14.8*	14.8*	12.3	12.3*	10.0	10.3*							9.0	9.1*	11.6
	-15ft lb	47.2*	47.2*	47.0*	47.0*	39.1*	39.1*	32.2*	32.2*	26.5	26.6*	21.6	22.2*							20.0	20.1*	37'10"
	-6.0m t	24.3*	24.3*	20.0*	20.0*	16.5*	16.5*	13.7*	13.7*	11.3*	11.3*									9.3*	9.3*	10.5
	-20ft lb	53.0*	53.0*	43.3*	43.3*	35.8*	35.8*	29.6*	29.6*	24.4*	24.4*									20.6*	20.6*	34'
	-7.5m t			17.0*	17.0*	14.1*	14.1*	11.6*	11.6*											9.4*	9.4*	9.0
	-25ft lb			36.5*	36.5*	30.2*	30.2*	24.7*	24.7*											20.7*	20.7*	28'11"
	-9.0m t																					6.8
	-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 1,150 kg / 2,540 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 10.00 m / 32'10", counterweight 14.5 t / 31,970 lb and track pads 750 mm / 30"

Stick 4.20 m / 13'9"

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				m ft in
																						
HD	12.0m t																			5.3*	5.3*	10.6
	40ft lb																					
	10.5m t																			4.9*	4.9*	11.8
	35ft lb																			10.9*	10.9*	38'4"
	9.0m t													6.3*	6.3*					4.7*	4.7*	12.7
	30ft lb													14.0*	14.0*					10.4*	10.4*	41'6"
	7.5m t												6.9*	6.9*	6.5*	6.5*				4.6*	4.6*	13.4
	25ft lb												14.9*	14.9*	14.2*	14.2*				10.2*	10.2*	43'11"
	6.0m t					13.3*	13.3*	10.1*	10.1*	8.4*	8.4*	7.4*	7.4*	6.8*	6.8*	6.6*	6.6*			4.6*	4.6*	13.9
	20ft lb					28.3*	28.3*	21.6*	21.6*	18.2*	18.2*	16.1*	16.1*	14.9*	14.9*	14.0*	14.0*			10.1*	10.1*	45'6"
	4.5m t							11.9*	11.9*	9.5*	9.5*	8.1*	8.1*	7.3*	7.3*	6.8*	6.8*			4.7*	4.7*	14.2
	15ft lb							25.4*	25.4*	20.4*	20.4*	17.6*	17.6*	15.8*	15.8*	14.6*	14.9*			10.2*	10.2*	46'7"
	3.0m t							13.5*	13.5*	10.5*	10.5*	8.8*	8.8*	7.8*	7.8*	6.6*	7.1*			4.8*	4.8*	14.3
	10ft lb							29.0*	29.0*	22.7*	22.7*	19.1*	19.1*	16.8*	16.8*	14.2*	15.5*			10.5*	10.5*	47'
	1.5m t							14.5*	14.7*	11.4*	11.4*	9.3*	9.5*	7.7*	8.2*	6.4*	7.4*			5.0*	5.0*	14.3
	5ft lb							31.2*	31.6*	24.7*	24.7*	20.0*	20.5*	16.5*	17.8*	13.7*	16.1*			11.0*	11.0*	47'
	0m t							14.1*	15.3*	11.0*	12.1*	9.0*	10.0*	7.4*	8.6*	6.3*	7.7*			5.3*	5.3*	14.1
	0ft lb							30.3*	33.1*	23.8*	26.1*	19.3*	21.6*	16.0*	18.7*	13.5*	16.6*			11.8*	11.8*	46'4"
	-1.5m t					14.6*	14.6*	13.9*	15.6*	10.8*	12.5*	8.8*	10.4*	7.3*	8.9*	6.2*	7.8*			5.8*	5.8*	13.8
	-5ft lb					34.0*	34.0*	29.9*	33.7*	23.3*	27.0*	18.9*	22.4*	15.7*	19.2*	13.4*	14.1*			12.9*	12.9*	45'1"
	-3.0m t																					
	-10ft lb			14.0*	14.0*	19.6*	19.6*	14.0*	15.5*	10.8*	12.6*	8.7*	10.5*	7.3*	9.0*					6.4*	6.5*	13.2
LCV	-10ft lb			31.9*	31.9*	42.4*	42.5*	30.0*	33.6*	23.2*	27.2*	18.7*	22.7*	15.7*	19.4*					14.2*	14.4*	43'4"
	-4.5m t	17.3*	17.3*	20.6*	20.6*	18.8*	18.8*	14.2*	15.1*	10.9*	12.4*	8.8*	10.4*	7.4*	8.7*					7.1*	7.5*	12.4
	-15ft lb	38.8*	38.8*	46.8*	46.8*	40.8*	40.8*	30.5*	32.7*	23.4*	26.8*	18.9*	22.4*	16.0*	18.7*					15.7*	16.8*	40'8"
	-6.0m t	23.2*	23.2*	22.2*	22.2*	17.6*	17.6*	14.3*	14.3*	11.2*	11.8*	9.1*	9.8*							8.2*	8.5*	11.4
	-20ft lb	52.3*	52.3*	48.2*	48.2*	38.2*	38.2*	30.9*	30.9*	24.0*	25.4*	19.6*	20.9*							18.3*	18.9*	37'2"
	-7.5m t	26.0*	26.0*	19.7*	19.7*	15.8*	15.8*	12.9*	12.9*	10.5*	10.5*									8.8*	8.8*	10.1
	-25ft lb	55.9*	55.9*	42.4*	42.4*	33.9*	33.9*	27.6*	27.6*	22.3*	22.3*									19.4*	19.4*	32'7"
	-9.0m t			15.7*	15.7*	12.7*	12.7*	10.1*	10.1*											8.7*	8.7*	8.2
	-30ft lb			33.1*	33.1*	26.7*	26.7*	20.9*	20.9*											19.2*	19.2*	26'2"
	-10.5m t																					
	-35ft lb																					
	12.0m t																			5.2*	5.2*	10.6
	40ft lb																			11.6*	11.6*	
	10.5m t																			4.9*	4.9*	11.8
	35ft lb																			10.8*	10.8*	38'4"
	9.0m t													6.3*	6.3*					4.7*	4.7*	12.7
	30ft lb													14.0*	14.0*					10.3*	10.3*	41'6"
	7.5m t													6.9*	6.9*	6.5*	6.5*			4.6*	4.6*	13.4
	25ft lb													15.0*	15.0*	14.3*	14.3*			10.1*	10.1*	43'11"
	6.0m t					13.8*	13.8*	10.3*	10.3*	8.5*	8.5*	7.5*	7.5*	6.9*	6.9*	6.6*	6.6*			4.6*	4.6*	13.9
	20ft lb					29.0*	29.0*	22.0*	22.0*	18.4*	18.4*	16.3*	16.3*	15.0*	15.0*	14.5*	14.5*			10.1*	10.1*	45'6"
	4.5m t							12.1*	12.1*	9.6*	9.6*	8.2*	8.2*	7.3*	7.3*	6.8*	6.8*			4.7*	4.7*	14.2
	15ft lb							25.8*	25.8*	20.7*	20.7*	17.7*	17.7*	15.9*	15.9*	14.9*	14.9*			10.3*	10.3*	46'7"
	3.0m t							13.7*	13.7*	10.6*	10.6*	8.9*	8.9*	7.8*	7.8*	7.1*	7.1*			4.8*	4.8*	14.3
	10ft lb							29.3*	29.3*	22.9*	22.9*	19.2*	19.2*	16.9*	16.9*	15.4*	15.5*			10.6*	10.6*	47'
	1.5m t							14.8*	14.8*	11.5*	11.5*	9.5*	9.5*	8.3*	8.3*	7.0*	7.4*			5.0*	5.0*	14.3
	5ft lb							31.8*	31.8*	24.8*	24.8*	20.6*	20.6*	17.9*	17.9*	15.0*	16.2*			11.1*	11.1*	47'
	0m t							15.3*	15.4*	12.0*	12.1*	9.8*	10.1*	8.1*	8.6*	6.9*	7.7*			5.4*	5.4*	14.1
	0ft lb							33.1*	33.2*	25.9*	26.2*	21.1*	21.7*	17.5*	18.7*	14.8*	16.7*			11.9*	11.9*	46'4"
	-1.5m t					15.3*	15.3*	15.2*	15.6*	11.8*	12.5*	9.6*	10.4*	8.0*	8.9*	6.8*	7.8*			5.9*	5.9*	13.8
	-5ft lb					35.4*	35.4*	32.8*	33.8*	25.5*	27.0*	20.7*	22.5*	17.2*	19.3*					13.0*	13.0*	45'1"
	-3.0m t			14.8*	14.8*	19.5*	19.5*	15.3*	15.5*	11.8*	12.6*	9.5*	10.5*	8.0*	8.9*					6.6*	6.6*	13.2
	-10ft lb			33.4*	33.4*	42.4*	42.4*	32.9*	33.6*	25.4*	27.2*	20.6*	22.7*	17.2*	19.3*					14.6*	14.6*	43'4"
	-4.5m t	17.9*	17.9*	21.4*	21.4*	18.7*	18.7*	15.1*	15.1*	11.9*	12.3*	9.6*	10.3*	8.1*	8.7*					7.7*	7.7*	12.4
	-15ft lb	40.1*	40.1*	48.3*	48.3*	40.6*	40.6*	32.6*	32.6*	25.7*	26.7*	20.8*	22.3*	17.6*	18.6*					17.1*	17.1*	40'8"
	-6.0m t	23.9*	23.9*	22.0*	22.0*	17.5*	17.5*	14.2*	14.2*	11.7*	11.7*	9.7*	9.7*							8.6*	8.6*	11.4
	-20ft lb	53.8*	53.8*	47.7*	47.7*	37.8*	37.8*	30.7*	30.7*	25.2*	25.2*	20.7*	20.7*							18.9*	18.9*	37'2"
	-7.5m t	25.5*	25.5*	19.3*	19.3*	15.5*	15.5*	12.7*	12.7*	10.3*	10.3*									8.8*	8.8*	10.1
	-25ft lb	54.8*	54.8*	41.6*	41.6*	33.4*	33.4*	27.1*	27.1*	21.8*	21.8*									19.4*	19.4*	32'7"
	-9.0m t			15.1*	15.1*	12.2*	12.2*	9.6*	9.6*											8.7*	8.7*	8.2
	-30ft lb			31.9*	31.9*	25.7*	25.7*	19.6*	19.6*											19.0*	19.0*	26'2"
	-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 1,150 kg / 2,540 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 5.00 m / 16'5"

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		15.0m 50ft				m ft in
HD	12.0m t																			4.1*	4.1*	11.6
	40ft lb																			9.0*	9.0*	37'6"
	10.5m t													5.7*	5.7*					3.8*	3.8*	12.7
	35ft lb													12.7*	12.7*					8.4*	8.4*	41'5"
	9.0m t													5.7*	5.7*	4.3*	4.3*			3.7*	3.7*	13.6
	30ft lb													12.6*	12.6*					8.1*	8.1*	44'4"
	7.5m t													6.0*	6.0*	5.9*	5.9*			3.6*	3.6*	14.2
	25ft lb													13.1*	13.1*	12.9*	12.9*			7.9*	7.9*	46'6"
	6.0m t												6.9*	6.9*	6.4*	6.4*	6.1*	6.1*		3.6*	3.6*	14.7
	20ft lb												15.0*	15.0*	13.9*	13.9*	13.3*	13.3*		7.9*	7.9*	48'1"
	4.5m t					14.8*	14.8*	10.8*	10.8*	8.8*	8.8*			7.6*	7.6*	6.8*	6.8*			3.6*	3.6*	15.0
	15ft lb					31.4*	31.4*	23.2*	23.2*	19.0*	19.0*			16.5*	16.5*	14.9*	14.9*			8.0*	8.0*	49'1"
	3.0m t							12.5*	12.5*	9.9*	9.9*			8.4*	8.4*	7.4*	7.4*	4.7*	4.7*	3.7*	3.7*	15.1
	10ft lb							26.9*	26.9*	21.4*	21.4*			18.1*	18.1*	16.0*	16.0*			8.2*	8.2*	49'6"
	1.5m t							13.9*	13.9*	10.9*	10.9*			9.1*	9.1*	7.8*	7.9*	4.6*	4.6*	3.9*	3.9*	15.1
	5ft lb					23.4*	23.4*	30.0*	30.0*	23.5*	23.5*			19.6*	19.6*	16.8*	17.1*			8.6*	8.6*	49'5"
	0m t					11.8*	11.8*	14.2*	14.8*	11.2*	11.7*			9.1*	9.7*	7.5*	8.3*			4.1*	4.1*	14.9
	0ft lb					27.6*	27.6*	30.6*	32.0*	24.1*	25.2*			19.5*	20.9*	16.1*	18.0*			9.1*	9.1*	48'10"
	-1.5m t			8.6*	8.6*	15.4*	15.4*	13.9*	15.4*	10.8*	12.2*			8.8*	10.1*	7.3*	8.7*			4.5*	4.5*	14.5
	-5ft lb			19.6*	19.6*	35.4*	35.4*	29.9*	33.2*	23.3*	26.4*			18.9*	21.9*	15.7*	18.8*			9.9*	9.9*	47'8"
LCV	-3.0m t	10.7*	10.7*	13.5*	13.5*	19.4*	19.9*	13.8*	15.5*	10.7*	12.5*			8.7*	10.4*	7.2*	8.9*			5.0*	5.0*	14.0
	-10ft lb	24.0*	24.0*	30.5*	30.5*	41.6*	43.2*	29.7*	33.6*	23.0*	27.0*			18.6*	22.4*	15.5*	19.2*			11.0*	11.0*	46'
	-4.5m t	15.1*	15.1*	18.4*	18.4*	19.4*	19.4*	13.9*	15.3*	10.7*	12.5*			8.7*	10.4*	7.2*	8.8*			5.7*	5.7*	13.3
	-15ft lb	34.0*	34.0*	41.6*	41.6*	42.1*	42.1*	30.0*	33.2*	23.1*	27.0*			18.6*	22.5*	15.6*	19.1*			12.6*	12.6*	43'7"
	-6.0m t	19.8*	19.8*	24.0*	24.0*	18.5*	18.5*	14.2*	14.8*	10.9*	12.1*			8.8*	10.1*	7.4*	8.4*			6.8*	6.8*	12.4
	-20ft lb	44.6*	44.6*	52.0*	52.0*	40.0*	40.0*	30.6*	31.9*	23.5*	26.1*			19.0*	21.7*	16.1*	17.9*			15.2*	15.2*	40'5"
	-7.5m t	25.2*	25.2*	21.8*	21.8*	17.0*	17.0*	13.7*	13.7*	11.2*	11.2*			9.2*	9.2*					8.2*	8.2*	11.1
	-25ft lb	56.8*	56.8*	47.0*	47.0*	36.6*	36.6*	29.5*	29.5*	24.1*	24.1*			19.4*	19.4*					18.2*	18.2*	36'2"
	-9.0m t	25.1*	25.1*	18.5*	18.5*	14.6*	14.6*	11.8*	11.8*	9.3*	9.3*									8.4*	8.4*	9.5
	-30ft lb	53.3*	53.3*	39.4*	39.4*	31.1*	31.1*	24.9*	24.9*	19.3*	19.3*									18.6*	18.6*	30'7"
	-10.5m t					10.3*	10.3*													8.2*	8.2*	7.2
	-35ft lb					20.8*	20.8*													17.9*	17.9*	22'2"
	12.0m t																			4.0*	4.0*	11.6
	40ft lb																			9.0*	9.0*	37'6"
	10.5m t													5.7*	5.7*					3.8*	3.8*	12.7
	35ft lb													12.6*	12.6*					8.4*	8.4*	41'5"
	9.0m t													5.8*	5.8*	4.9*	4.9*			3.6*	3.6*	13.6
	30ft lb													12.6*	12.6*					8.0*	8.0*	44'4"
	7.5m t													6.0*	6.0*	5.9*	5.9*			3.6*	3.6*	14.2
	25ft lb													13.1*	13.1*	13.0*	13.0*			7.9*	7.9*	46'6"
	6.0m t													6.4*	6.4*	6.1*	6.1*			3.6*	3.6*	14.7
	20ft lb													14.0*	14.0*	13.4*	13.4*			7.9*	7.9*	48'1"
	4.5m t					15.2*	15.2*	11.0*	11.0*	8.9*	8.9*			6.9*	6.9*	6.4*	6.4*			3.6*	3.6*	15.0
	15ft lb					32.2*	32.2*	23.6*	23.6*	19.2*	19.2*			16.6*	16.6*	15.0*	15.0*			8.0*	8.0*	49'1"
	3.0m t							12.7*	12.7*	10.0*	10.0*			8.4*	8.4*	7.4*	7.4*	4.7*	4.7*	3.7*	3.7*	15.1
	10ft lb							27.3*	27.3*	21.6*	21.6*			18.2*	18.2*	16.1*	16.1*			8.2*	8.2*	49'6"
	1.5m t							14.0*	14.0*	11.0*	11.0*			9.1*	9.1*	7.9*	7.9*	4.5*	4.5*	3.9*	3.9*	15.1
	5ft lb					23.5*	23.5*	30.2*	30.2*	23.7*	23.7*			19.7*	19.7*	17.2*	17.2*			8.6*	8.6*	49'5"
	0m t					12.2*	12.2*	14.9*	14.9*	11.7*	11.7*			9.7*	9.7*	8.2*	8.4*			4.2*	4.2*	14.9
	0ft lb					28.3*	28.3*	32.2*	32.2*	25.4*	25.4*			21.0*	21.0*	17.6*	18.1*			9.2*	9.2*	48'10"
	-1.5m t			9.2*	9.2*	15.9*	15.9*	15.2*	15.4*	11.8*	12.3*			9.6*	10.2*	8.0*	8.7*			4.5*	4.5*	14.5
	-5ft lb			20.8*	20.8*	36.4*	36.4*	32.8*	33.3*	25.5*	26.5*			20.7*	22.0*	17.2*	18.8*			10.0*	10.0*	47'8"
	-3.0m t	11.2*	11.2*	14.0*	14.0*	19.9*	19.9*	15.1*	15.5*	11.7*	12.5*			9.5*	10.4*	7.9*	8.9*			5.0*	5.0*	14.0
	-10ft lb	25.0*	25.0*	31.6*	31.6*	43.2*	43.2*	32.6*	33.6*	25.2*	27.0*			20.4*	22.5*	17.0*	19.2*			11.1*	11.1*	46'
	-4.5m t	15.6*	15.6*	19.0*	19.0*	19.3*	19.3*	15.3*	15.3*	11.7*	12.4*			9.5*	10.4*	7.9*	8.8*			5.8*	5.8*	13.3
	-15ft lb	35.0*	35.0*	42.8*	42.8*	41.9*	41.9*	32.9*	33.1*	25.3*	26.9*			20.5*	22.4*	17.2*	19.0*			12.8*	12.8*	43'7"
	-6.0m t	20.4*	20.4*	23.8*	23.8*	18.4*	18.4*	14.7*	14.7*	12.0*	12.0*			9.7*	10.0*	8.2*	8.3*			7.0*	7.0*	12.4
	-20ft lb	45.7*	45.7*	51.5*	51.5*	39.7*	39.7*	31.7*	31.7*	25.8*	26.0*			20.9*	21.6*					15.5*	15.5*	40'5"
	-7.5m t	25.8*	25.8*	21.5*	21.5*	16.8*	16.8*	13.5*	13.5*	11.1*	11.1*			9.0*	9.0*					8.3*	8.3*	11.1
	-25ft lb	58.2*	58.2*	46.3*	46.3*	36.2*	36.2*	29.1*	29.1*	23.8*	23.8*			19.0*	19.0*					18.3*	18.3*	36'2"
	-9.0m t	24.3*	24.3*	18.0*	18.0*	14.2*	14.2*	11.5*	11.5*	9.0*	9.0*									8.4*	8.4*	9.5
	-30ft lb	51.7*	51.7*	38.4*	38.4*	30.3*	30.3*	24.3*	24.3*											18.6*	18.6*	30'7"
	-10.5m t					9.6*	9.6*													8.2*	8.2*	7.2
	-35ft lb																					22'2"

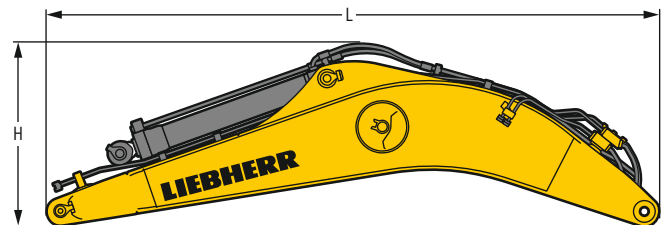
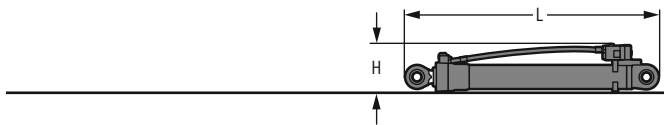
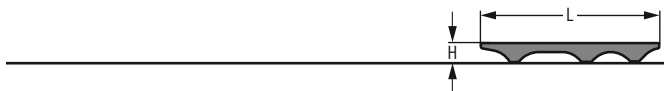
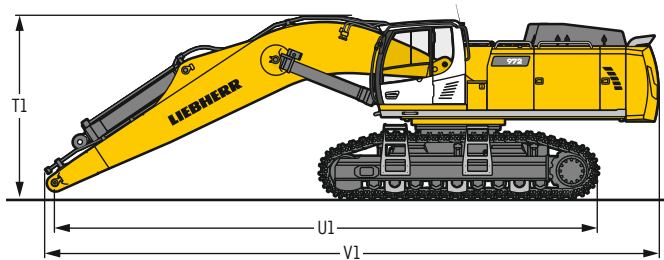
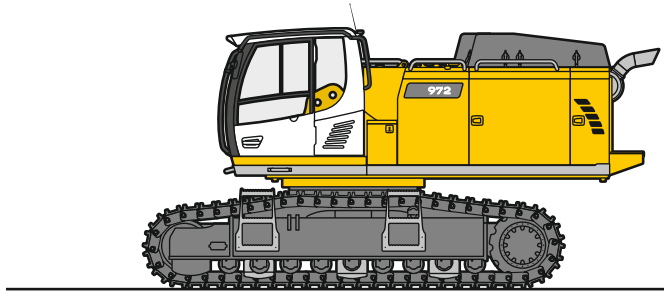
Height Can be slewed through 360° In longitudinal position of undercarriage Max. reach * Limited by hydr. capacity

The load values are quoted in tons (t) / lb x1,000 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 1,150 kg / 2,540 lb / 825 kg¹⁾ / 1,820 lb¹⁾. 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.

¹⁾ for stick 5.00 m / 16'5"

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	40,750 / 89,840	41,450 / 91,380	42,400 / 93,480
Weight with shovel equipment and HD undercarriage without counterweight	kg / lb	40,750 / 89,840	41,450 / 91,380	42,400 / 93,480
Weight with backhoe equipment and LC-V undercarriage without counterweight	kg / lb	43,450 / 95,790	44,150 / 97,330	45,250 / 99,760

Machine without stick

			HD	LC-V
T1	Mono boom 7.00 m / 23'	mm / ft in	3,400 / 11'2"	3,550 / 11'8"
	Mono boom 8.20 m / 26'11"	mm / ft in	3,650 / 12'	3,750 / 12'4"
	Mono boom 10.00 m / 32'10"	mm / ft in	4,100 / 13'5"	4,200 / 13'9"
U1	Mono boom 7.00 m / 23'	mm / ft in	9,950 / 32'8"	9,900 / 32'6"
	Mono boom 8.20 m / 26'11"	mm / ft in	11,200 / 36'9"	11,200 / 36'9"
	Mono boom 10.00 m / 32'10"	mm / ft in	13,100 / 43'	13,100 / 43'
V1	Mono boom 7.00 m / 23'	mm / ft in	11,450 / 37'7"	11,450 / 37'7"
	Mono boom 8.20 m / 26'11"	mm / ft in	12,700 / 41'8"	12,700 / 41'8"
	Mono boom 10.00 m / 32'10"	mm / ft in	14,550 / 47'9"	14,550 / 47'9"

Cab elevation

			800 mm / 2'7"
L	Length	mm / ft in	1,890 / 6'2"
H	Height	mm / ft in	930 / 3'1"
	Width	mm / ft in	1,370 / 4'6"
	Weight	kg / lb	600 / 1,320

Counterweight

			Std	heavy
L	Length	mm / ft in	770 / 2'6"	770 / 2'6"
H	Height	mm / ft in	1,550 / 5'1"	1,550 / 5'1"
	Width	mm / ft in	3,360 / 11'	3,360 / 11'
	Weight	kg / lb	11,000 / 24,250	14,500 / 31,970

Upper protection screen

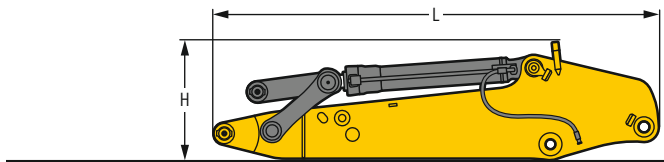
L	Length	mm / ft in	1,960 / 6'5"
H	Height	mm / ft in	190 / 7"
	Width	mm / ft in	1,110 / 3'8"
	Weight	kg / lb	75 / 170

Hoist cylinders (two)

L	Length	mm / ft in	2,650 / 8'8"
H	Height	mm / ft in	490 / 1'7"
	Width	mm / ft in	360 / 1'2"
	Weight	kg / lb	2 x 750 / 2 x 1,650

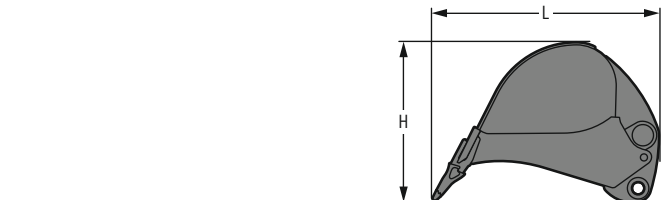
Mono boom with stick cylinder

Boom length	m / ft in	7.00 / 23'	8.20 / 26'11"	10.00 / 32'10"
L Length	mm / ft in	7,350 / 24'1"	8,550 / 28' 1"	10,350 / 33'11"
H Height	mm / ft in	2,200 / 7'3"	2,050 / 6' 9"	2,350 / 7' 9"
Width	mm / ft in	1,450 / 4'9"	1,450 / 4' 9"	1,450 / 4' 9"
Weight	kg / lb	7,200 / 15,870	7,900 / 17,420	9,000 / 19,840



Stick with bucket cylinder

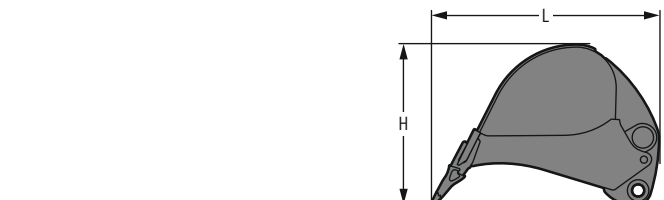
Stick length	m / ft in	2,60 / 8'6"	3,00 / 9'10"	3,40 / 11'2"	4,20 / 13' 9"	5,00 / 16' 5"
L Length	mm / ft in	3,950 / 13'	4,250 / 13'11"	4,650 / 15'3"	5,450 / 17'11"	6,250 / 20' 6"
H Height	mm / ft in	1,250 / 4'1"	1,250 / 4' 1"	1,250 / 4'1"	1,200 / 3'11"	1,200 / 3'11"
Width	mm / ft in	950 / 3'1"	950 / 3' 1"	950 / 3'1"	950 / 3' 1"	850 / 2' 9"
Weight	kg / lb	3,500 / 7,720	3,650 / 8,050	3,800 / 8,380	4,100 / 9,040	4,200 / 9,260



Backhoe buckets

Std

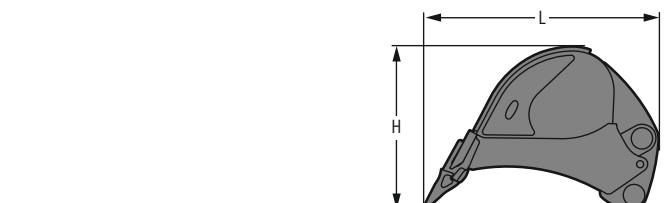
Cutting width	mm / ft in	1,400 / 4'7"	1,700 / 5'7"	1,950 / 6'5"	2,150 / 7'1"
Capacity	m ³ / yd ³	2,00 / 2.62	2,50 / 3.27	3,00 / 3.92	3,50 / 4.58
L Length	mm / ft in	2,300 / 7'7"	2,300 / 7'7"	2,300 / 7'7"	2,300 / 7'7"
H Height	mm / ft in	1,550 / 5'1"	1,550 / 5'1"	1,550 / 5'1"	1,550 / 5'1"
Width	mm / ft 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

Std

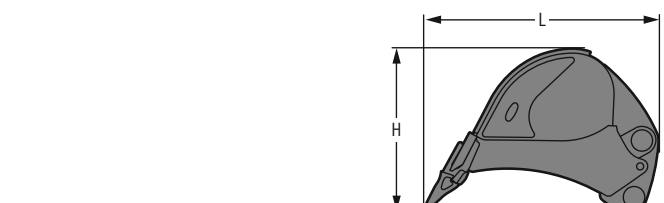
Cutting width	mm / ft in	1,950 / 6'5"	2,150 / 7'1"	2,250 / 7'5"	2,450 / 8'
Capacity	m ³ / yd ³	4,00 / 5.23	4,50 / 5.88	5,00 / 6.54	5,50 / 7.19
L Length	mm / ft in	2,500 / 8' 2"	2,500 / 8' 2"	2,500 / 8' 2"	2,500 / 8' 2"
H Height	mm / ft in	1,800 / 5'11"	1,800 / 5'11"	1,800 / 5'11"	1,800 / 5'11"
Width	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

HD

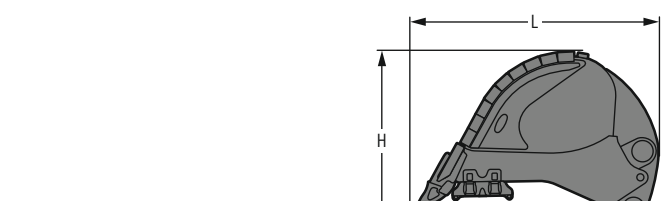
Cutting width	mm / ft in	1,450 / 4'9"	1,750 / 5'9"	2,000 / 6'7"	2,200 / 7'3"
Capacity	m ³ / yd ³	2,00 / 2.62	2,50 / 3.27	3,00 / 3.92	3,50 / 4.58
L Length	mm / ft in	2,400 / 7'10"	2,400 / 7'10"	2,400 / 7'10"	2,400 / 7'10"
H Height	mm / ft in	1,600 / 5' 3"	1,600 / 5' 3"	1,600 / 5' 3"	1,600 / 5' 3"
Width	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

HD

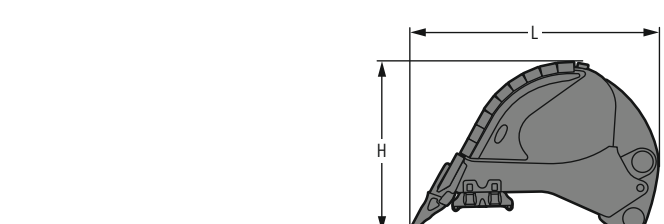
Cutting width	mm / ft in	2,000 / 6'7"	2,200 / 7'3"	2,300 / 7'3"
Capacity	m ³ / yd ³	4,00 / 5.23	4,50 / 5.88	5,00 / 6.54
L Length	mm / ft in	2,650 / 8' 8"	2,650 / 8' 8"	2,650 / 8' 8"
H Height	mm / ft in	1,800 / 5'11"	1,800 / 5'11"	1,800 / 5'11"
Width	mm / ft in	2,050 / 6' 9"	2,250 / 7' 5"	2,350 / 7' 9"
Weight	kg / lb	4,500 / 9,920	4,850 / 8,490	5,050 / 11,130



Backhoe buckets

HDV

Cutting width	mm / ft in	1,450 / 4'9"	1,750 / 5'9"	2,000 / 6'7"	2,200 / 7'3"
Capacity	m ³ / yd ³	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	3,500 / 7,720	4,000 / 8,820	4,350 / 9,590	4,750 / 10,470

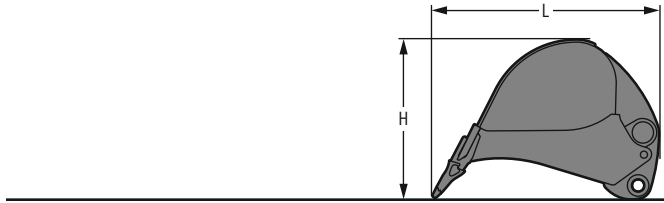


Backhoe buckets

HDV

Cutting width	mm / ft in	2,000 / 6'7"	2,200 / 7'3"	2,300 / 7'7"
Capacity	m ³ / yd ³	4,00 / 5.23	4,50 / 5.88	5,00 / 6.54
L Length	mm / ft in	2,650 / 8' 8"	2,650 / 8' 8"	2,650 / 8' 8"
H Height	mm / ft in	1,800 / 5'11"	1,800 / 5'11"	1,800 / 5'11"
Width	mm / ft in	2,050 / 6' 9"	2,250 / 7' 5"	2,350 / 7' 9"
Weight	kg / lb	5,000 / 11,020	5,350 / 11,800	5,600 / 12,350

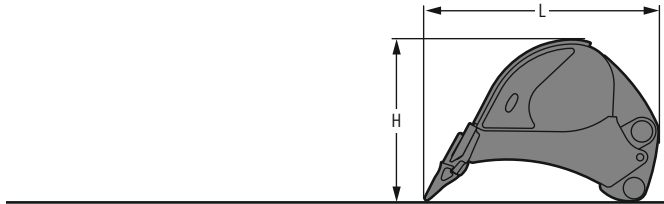
Dimensions and weights



Backhoe buckets R 956

Std

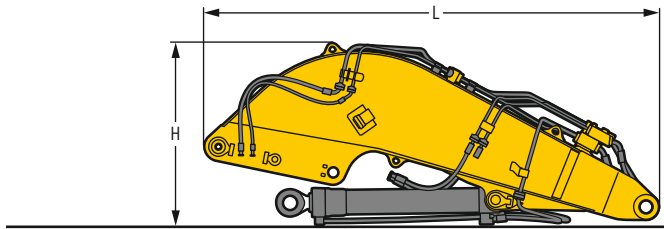
Cutting width	mm / ft in	1,350 / 4'5"	1,550 / 5'1"	1,750 / 5'9"
Capacity	m³ / yd³	1.65 / 2.16	2.00 / 2.62	2.35 / 3.07
L Length	mm / ft in	2,200 / 7'3"	2,200 / 7'3"	2,200 / 7' 3"
H Height	mm / ft in	1,550 / 5'1"	1,550 / 5'1"	1,550 / 5' 1"
Width	mm / ft in	1,400 / 4'7"	1,600 / 5'3"	1,800 / 5'11"
Weight	kg / lb	2,100 / 4,630	2,250 / 4,960	2,450 / 5,400



Backhoe buckets R 956

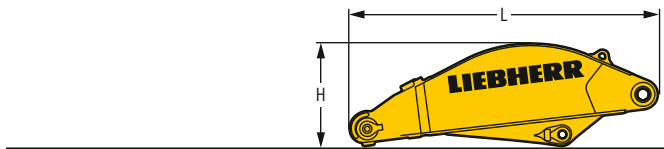
HD

Cutting width	mm / ft in	1,350 / 4'5"	1,550 / 5'1"
Capacity	m³ / yd³	1.65 / 2.16	2.00 / 2.62
L Length	mm / ft in	2,200 / 7'3"	2,200 / 7'3"
H Height	mm / ft in	1,600 / 5'3"	1,600 / 5'3"
Width	mm / ft in	1,400 / 4'7"	1,600 / 5'3"
Weight	kg / lb	2,350 / 5,180	2,650 / 5,840



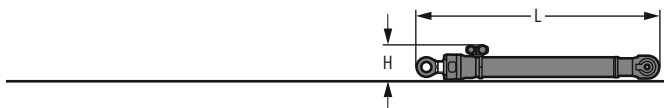
Shovel boom

L Length	mm / ft in	4,750 / 15'7"
H Height	mm / ft in	1,950 / 6'5"
Width	mm / ft in	1,900 / 6'3"
Weight without crowd cylinder	kg / lb	5,050 / 11,130
Weight crowd cylinder	kg / lb	650 / 1,430



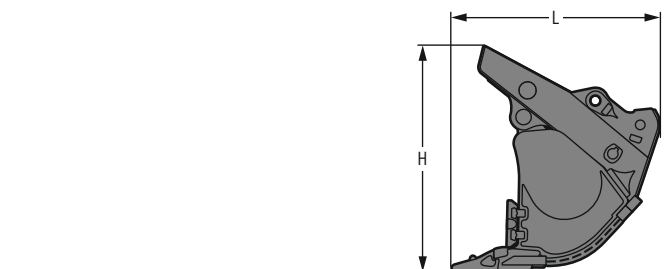
Shovel stick

L Length	mm / ft in	3,250 / 10' 8"
H Height	mm / ft in	1,100 / 3' 7"
Width	mm / ft in	1,500 / 4'11"
Weight	kg / lb	2,500 / 5,510



Shovel bucket cylinders (two)

L Length	mm / ft in	2,550 / 8'4"
H Height	mm / ft in	350 / 1'2"
Width	mm / ft in	500 / 1'8"
Weight	kg / lb	2 x 400 / 2 x 880



Front shovels

Cutting width	mm / ft in	2,350 / 7'9"	2,600 / 8'6"	2,600 / 8'6"	2,600 / 8'6"
Capacity	m³ / yd³	3.50 / 4.58	4.00 / 5.23	4.50 / 5.88	5.00 / 6.54
L Length	mm / ft in	2,200 / 7' 3"	2,200 / 7' 3"	2,200 / 7' 3"	2,300 / 7'7"
H Height	mm / ft in	2,400 / 7'10"	2,400 / 7'10"	2,400 / 7'10"	2,500 / 8'2"
Width	mm / ft in	2,400 / 7'10"	2,650 / 8' 8"	2,650 / 8' 8"	2,650 / 8'8"
Weight					
Level I	kg / lb	-	6,500 / 14,330	6,700 / 14,770	6,800 / 14,990
Level II	kg / lb	6,600 / 14,550	7,000 / 15,430	7,200 / 15,870	7,500 / 16,540
Level III	kg / lb	7,350 / 16,200	7,900 / 17,420	7,800 / 17,200	-