

Crawler Excavator

R 976

Litronic®

Generation

6

Engine

536 HP / 400 kW

Tier 4 Final

Operating Weight

Backhoe: 96,500 kg – 212,750 lb

Shovel: 93,300 kg – 205,690 lb

Bucket Capacity

Backhoe: 2.00 – 6.80 m³ / 2.62 – 8.89 yd³

Shovel: 5.10 – 6.00 m³ / 6.67 – 7.85 yd³



LIEBHERR

Performance

Power, Versatility
and Productivity

Economy

Profitability – Efficiency and
Reduced Operating Costs

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Reliability

World-renowned
Robustness

Comfort

Spacious Cab, Ergonomic
and High-visibility

Easy Maintenance

Simple and Safe Service
Check Points



Performance



**Power, Versatility
and Productivity**

High Performance for Maximum Productivity

The R 976 crawler excavator is characterised by its maximum productivity. Whether it be in earthmoving or quarry applications, this 90 tonne class excavator has an optimised hydraulic system matched together with intelligent operating modes. This ensures the capability for operating on large construction sites and quarries.

Reliable Working Capacity

The Liebherr V8 engine on the R 976 is very productive thanks to its high torque even at low speeds. The digging and breakout forces of 87,680 lbf and 109,030 lb respectively ensure fast and efficient working cycles. Equipped with a Liebherr bucket and tooth system it guarantees easy penetration into material for easy extraction. The R 976 stability and smooth movements of the machine ensure comfortable and fast loading of dump trucks.

Optimisation of Hydraulic System for Constant Power

With an independent 3rd pump dedicated for swing the R 976 has optimal power. This provides maximum torque while swinging and the remaining two pumps still have full power for excavating and loading.

The Versatility of the Wide Range of Attachments

Thanks to the wide variety of attachments with optimised kinematics, the R 976 impresses with its versatility in all applications.

Liebherr Engine

- Compliant with Tier 4 Final emission standard with SCR exhaust gas after-treatment system
- Designed specifically for construction applications
- Liebherr Common-Rail injection system for optimised output
- Automatic fuel-saving idling system

Choice of Work Mode

- E Mode – Economy: for economical and ecologically-friendly operation. Minor restriction of power without affecting the load lifting and excavating capacities
- P Mode – Power: for high excavation capacities and difficult applications. Pump flow and power are not limited
- S Mode – Sensitivity: for precision jobs and loading of materials
- P+ Mode – Full Power: especially designed for increased power; only recommended for extreme applications

Floating Boom Function

- Increased hydraulic flow for the other cylinders (stick and/or bucket for example)
- More power available, making it easier to extract materials and reduce working cycle times
- Increased service life when a hydraulic hammer is used



Economy



**Profitability – Efficiency and
Reduced Operating Costs**

Low Operating Costs

Thanks to its high technology and innovation, the Liebherr France Company increases the performance of its machines while reducing their fuel consumption. Examples of this are the new diesel engine, automatic idling, electronic engine speed sensing control, Regeneration Plus function and the hydrostatic cooling system (fans operate only when necessary). Consequently, the reduced fuel consumption means less pollution.

LiDAT Fleet and Machine Fleet Management Tool

To improve your machine management, Liebherr has developed its own data transmission system using the GPRS network. This system allows you to instantly know the position of your excavator via a web interface. Thanks to data transmission, the LiDAT system developed and manufactured by Liebherr keeps you informed about fuel consumption, number of service hours or machine faults, just to name a few. LiDAT allows you to be proactive and more responsive: organizing and maintaining your fleet for increased productivity.

An Excellent After-Sales Service

The after-sales services can be customized to suit and respond to your specific needs. Several programs, such as ReMan, ReBuilt and Repair provide the perfect, economical solution, always including the manufacturer's quality and guarantee. A team of technicians, specialized to intervene on your machines, has all the latest-generation diagnostic tools, for a reduced down time of the machine. By following your chosen maintenance program, you will also obtain a higher resale price.

Liebherr Tools

- Wide range of tools suitable for every type of application
- Tools designed for maximum productivity and durability
- Shape of buckets designed to assist the filling and stability of bulky materials during the transport stages
- Hydraulic quick coupler system



Spare Parts Service

- The spare parts required are available from our logistics centre, for delivery around the world, thus guaranteeing optimal machine availability for assignment
- Over 100,000 different spare parts are available in stock



Liebherr Lubricants

- Complete range of lubricants and coolants for your Liebherr engines
- Special service with product specialists available to listen to and advise you



Reliability



**World-Renowned
Robustness**

A Durable and Proven Design

In demanding applications Liebherr represents the benchmark for the robustness of its machines and the quality of the Liebherr components. Several casted parts are used for the design of the machine and are a testimony to the expertise and know-how of the manufacturer. With the large-sized attachments the R 976 crawler excavator is ideal for tough applications.

A Proven Production Process and Advanced Technology

Liebherr development process integrates advanced digital tools in the fields of finite element computation, fatigue calculation and other simulation software. The results are then validated on special test benches prior to carrying out endurance tests on the entire machine in extreme conditions.

High-Performance and Durable Undercarriage

Liebherr offers a large and unique range of welded or bolted undercarriages. The chamfered track pads have optimal manoeuvrability and are more resistant to wear on rocky terrain. The Liebherr travel drive is more powerful and better protected. The supporting rollers with double bearings guarantee improved load distribution and thus better durability over time.

Specific Solutions Tailored to Customer Requirements

In the case a customer has a special request to address a specific application the customized solutions are designed and manufactured by Liebherr. This ensures successful integration and optimal performance of the excavator for the customer. As a sign of reliability Liebherr provides a manufacturer's warranty for the entire excavator including specific components as well as the electronics.

SCR System with Diesel Exhaust Fluid (AdBlue®)

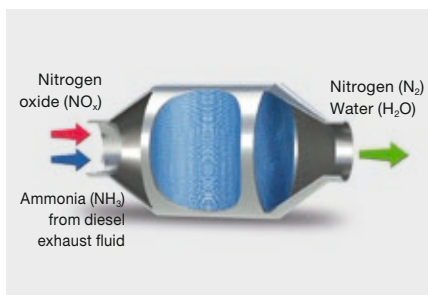
- Diesel exhaust fluid level indicator on the display
- Liebherr design
- Complies with Tier 4 Final standard
- Simple system for enhanced reliability and less maintenance

Undercarriage

- Robust design for greater resistance and a better distribution of forces
- Easy and safe transport thanks to integrated securing hooks
- Three different types of undercarriage, welded or bolted

Key Components Developed by Liebherr

- Perfect harmonization of the machine elements, designed specifically for earthmoving and quarry applications
- Combustion engine, hydraulic pumps, swing mechanism, cylinders and electronic components are designed and manufactured by Liebherr
- Purpose built options such as special attachment lengths
- Specific tools and custom protection can be added at the factory



Comfort



**Spacious Cab, Ergonomic
and High-Visibility**

A Spacious and Ergonomic Work Station

The cab offers a generous space for maximum comfort. Equipped, among other things, with a pneumatic seat with heater as standard (optional with airconditioning), controls connected to the seat and high-performance automatic air-conditioning, the cab creates a pleasant working environment. All the controls are precisely laid out in an intuitive manner for greater responsiveness and concentration while working. The cab is mounted on viscoelastic studs for significantly lower vibration.

Fully Automatic Air-Conditioning

The automatic air-conditioning with touchscreen controls has several ventilation outlets for optimum ambient air in the cab.

High Resolution Color Touchscreen

The color touchscreen is a true human-machine interface for controlling several comfort functions, such as the radio, and more operational functions, such as work modes, tool types and even the backup camera.

A Spacious and Comfortable Cab

The cab of the R 976 is the most spacious cab in 90 tonne machine class. It offers unrivalled comfort for higher operator productivity during long working hours. With the highest level of protection on the market the impact-resistant windows offer maximum safety.



Control Screen

- 7" color touchscreen
- Several setting, control and surveillance options
- Robust and reliable design (Ingress Protection Rating IP65)
- Compatible high resolution video for displaying the rear camera image

Increased Visibility

- Rear camera integrated in the counterweight as standard and camera for side area monitoring, for rear visibility and heightened operating safety
- Optimized design of the whole upper-carriage providing the operator with an improved field of vision
- Secure emergency exit through the rear window

New Options

- 360° camera
- Windshield wiper on bottom part
- Light packs
 - LED lighting replaces halogen bulbs, as standard
 - Different packs available (service, access, etc.)

Easy Maintenance



**Simple and Safe
Service Check Points**

Ergonomic Access and Time-Saving

For maximum safety during servicing different types of platforms are available with a large central platform in particular for access to engine and hydraulic system components. The two-piece engine hood facilitates easier opening and closing. Fluid level monitoring, such as the engine oil level or urea tank level can be carried out quickly and easily from the touchscreen in the cab. The automatic lubrication system reduces precious servicing time while guaranteeing optimal lubrication of the excavator.

Less Maintenance for more Productivity

The frequency of the service intervals is optimised to guarantee that each part is functioning optimally and that the maintenance tasks are only performed as necessary. Whether it is the interval for changing the hydraulic oil, which can be up to 3,000 hours, or the interval for changing the engine oil, every 500 hours, everything has been taken into account to reduce the frequency of interventions and thus limit the machine's downtime and lower costs.

An Exhaust Gas Treatment without Maintenance

Thanks to its unique Liebherr design, the exhaust gas treatment is carried out in compliance with the Tier 4 Final standards. This results in an output with no loss of productivity linked to the regeneration of these filters.

Expert Advice and Service Provisions

Liebherr offers an expert advice service. Qualified personnel will help you make the appropriate decisions to meet your needs: sales arguments based on the terrain, service agreements, advantageous repair alternatives, original parts management, and remote data transfer for fleet management.

LiDAT Data Transfer System

- Complete fleet management, all from one source
- Optimized economical performance of the machine park thanks to detailed view of the distribution of operating states and times
- Reports on capacity commitment and the use of the machine park can be called up daily via the Web portal
- Precise location of the machine
- Regional delimitation and fixed downtimes increase safety and reliability



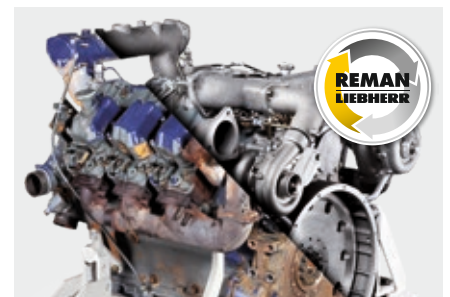
Liebherr AdBlue Solution

- The crawler excavator has a stainless steel urea tank with capacity for 48 gal
- For maximum safety, the tank can be refilled using a filling pump and gun (optional)
- An 24 V electric field supply is also available for connecting the filling kit



Liebherr Warranties and Remanufacturing

- Significant warranties for the complete excavator and key components
- Optimal planning of all servicing activities
- Liebherr remanufacturing programme for processing worn components, conforming to the highest industrial standards



Experience the Progress R 976

Equipment

- Cast steel components
- Greater resistance to stresses
- Longer service life
- Safety check valves for stick and boom cylinders with integrated regeneration for less fuel consumption

Tools

- Different levels of protection to suit the different areas of application
- New Liebherr Z-type tooth system





Operator's Cab

- Comfortable and ergonomic design
- 7" high definition colour touch screen
- Wider for more comfort
- Impact resistant windows at the front and in the roof as standard
- Optional FOPS and FGPS protective guards

Accessibility

- Maintenance platform in the engine compartment
- Broad, anti-slip side catwalks (right and left) as standard

Undercarriage

- Robust structure thanks to the more rigid profile
- Molded two-tooth sprocket for a longer service life
- Two types of undercarriage available: an HD fixed-track gauge and LC-V variable-track gauge

Experience the Progress R 976 Shovel

Equipment

- Cast steel parts
- Parallel kinematics for powerful break-out
- Bucket cylinders positioned under the equipment for better protection against the elements
- Safety valves on boom cylinder for pipe burst protection

Buckets

Different types of buckets:

- Type I: non-abrasive materials, such as limestone without flint
- Type II: Shot material, or easily breakable rock (classification 3 to 4 according to DIN 18300)
- Type III: Highly abrasive materials, such as rocks with a high silica content, sandstone, granite, etc.
- Front shovel flap closure semi-automatic





Operator's Cab

- Comfortable and ergonomic design
- 7" high-resolution colour touch screen
- Wider for more comfort
- Impact resistant windows at the front and in the roof as standard
- Optional FOPS and FGPS protection guards
- Operator's cab with a fixed riser for a full view over the work area

Technical Data



Engine

Rating	per SAE J1349	536 HP (400 kW) at 1,800 rpm
	per ISO 9249	544 HP (400 kW) at 1,800 rpm
Torque		2,939 Nm at 1,300 rpm / 2,170 lbf ft at 1,300 rpm
Model		Liebherr D9508 A7 SCR
Type		8 cylinder V engine
Bore		128 mm / 5.0 in
Stroke		157 mm / 6.2 in
Displacement		16.16 l / 986 in³
Engine operation		4-stroke diesel Common-Rail
Exhaust gas treatment		Tier 4 Final SCR Filter Passive regeneration by thermo management
Cooling system		Water-cooled and integrated motor oil cooler, after-cooled and fuel cooled
Air cleaner		Dry-type air cleaner with pre-cleaner, primary and safety elements
Fuel tank		1,498 l / 396 gal
Urea tank		180 l / 48 gal
Electrical system		
	Voltage	24 V
	Batteries	2 x 180 Ah/12 V
	Starter	24 V/7.8 kW
	Alternator	Three-phase current 28 V/140 A
	Engine idling	Sensor controlled
Motor management		Connection to the integrated excavator system controlling via CAN-BUS to the economical utilisation of the service that is available



Hydraulic Controls

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



Hydraulic System

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



Swing Drive

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



Operator's 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, sounddamping insulating, tinted laminated safety glass, separate window shades for the sunroof window and windscreen, cigarette lighter and 12 V 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 width, 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	L_{pA} (inside cab) = 71 dB(A)
2000/14/EC	L_{WA} (surround noise) = 109 dB(A)



Undercarriage

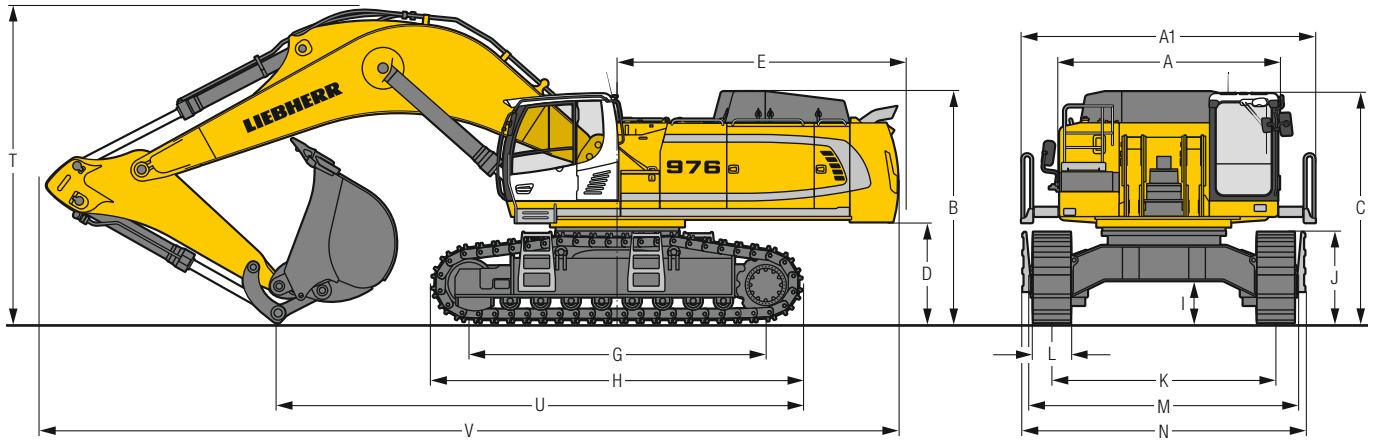
Versions	
HD	Gauge 3,600 mm / 11'10"
LC-V	Gauge 3,590 mm / 11' 9"
Drive	Liebherr swashplate motor with brake valves on both sides
Transmission	Liebherr compact planetary reduction gear
Maximum travel speed	Low range 2.7 km/h / 1.7 mph High range 4.3 km/h / 2.7 mph
Drawbar pull on crawler	568 kN / 127,692 lbf
Track components	D9G, maintenance-free
Track rollers/Carrier rollers	HD: 8/2 LC-V: 9/3
Tracks	Sealed and greased
Track pads	Double grouser
Holding brake	Wet multi-disc (spring applied, pressure released)
Brake valves	Outside the travel motor
Lashing eyes	Integrated



Equipment

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

Dimensions



	HD	mm/ft in			LC-V	mm/ft in		
A	Uppercarriage width	3,565/11' 8"			3,565/11' 8"			
A1	Uppercarriage width with catwalks	4,730/15' 6"			4,730/15' 6"			
B	Uppercarriage height	3,725/12' 3"			3,865/12' 8"			
C	Cab height	3,695/3,890/12'11"/12' 9"			3,835/4,030/12'7"/13' 3"			
D	Counterweight ground clearance	1,620/ 5' 4"			1,755/ 5' 9"			
E	Rear-end length	4,640/15' 3"			4,640/15' 3"			
G	Wheelbase	4,770/15' 8"			5,160/16'11"			
H	Undercarriage length	5,960/19' 7"			6,335/20' 9"			
I	Undercarriage ground clearance	682/ 2' 3"			955/ 3' 2"			
J	Track height	1,460/ 4' 9"			1,495/ 4'11"			
K	Track gauge	3,600/11'10"			2,750**/3,590/9**/11' 9"			
L	Track pad width	500/ 20"	600/ 24"	750/ 30"	500 / 20"	600 / 24"	750 / 30"	
M	Width over tracks	4,290/14' 1"	4,290/14' 1"	4,350/14' 3"	3,490**/11' 5**	3,490**/11' 5**	3,500**/11' 6**	
N	Width over steps	4,540/14'11"	4,540/14'11"	4,540/14'11"	3,870**/12' 8**	3,870**/12' 8**	3,870**/12' 8**	

* with FOPS top guard

** work position

	Stick length m/ft in	Mono boom 7.20 m/23'7"			Mono boom 8.60 m/28'3"			Mono boom 10.50 m/34'5"		
		direct mounting			direct mounting			direct mounting		
		mm/ft in			mm/ft in			mm/ft in		
T	Boom height	2.90/ 9' 6"	5,100/16' 9"	5,150/16'11"	–	–	–	–	–	
		3.30/10'10"	5,250/17' 3"	5,350/17' 7"	5,450/17'11"	5,500/18' 1"	–	–	–	
		3.80/12' 6"	5,550/18' 3"	5,600/18' 4"	5,600/18' 4"	5,700/18' 8"	5,900/19' 4"	6,000/19' 8"	–	
		4.70/15' 5"	6,050/19'10"	6,150/20' 2"	6,000/19' 8"	6,000/19' 8"	6,100/20'	6,200/20' 4"	–	
		5.80/19'	–	–	6,800/22' 4"	6,750/22' 2"	6,800/22' 4"	6,800/22' 4"	–	
U	Length on ground	2.90/ 9' 6"	8,450/27' 9"	8,600/28' 3"	–	–	–	–	–	
		3.30/10'10"	8,200/26'11"	8,350/27' 5"	9,950/32' 8"	10,100/33' 2"	–	–	–	
		3.80/12' 6"	8,100/26' 7"	8,200/26'11"	9,850/32' 4"	10,000/32'10"	11,900/39' 1"	12,050/39' 6"	–	
		4.70/15' 5"	7,950/26' 1"	8,050/26' 5"	9,650/31' 8"	9,800/32' 2"	11,700/38' 5"	11,850/39'11"	–	
		5.80/19'	–	–	9,650/31' 8"	9,750/32'	11,550/37'11"	11,700/38' 5"	–	
V	Overall length	2.90/ 9' 6"	13,800/45' 3"	13,800/45' 3"	–	–	–	–	–	
		3.30/10'10"	13,500/44' 3"	13,500/44' 3"	14,900/48'11"	14,900/48'11"	–	–	–	
		3.80/12' 6"	13,400/44'	13,450/44' 2"	14,750/48' 5"	14,750/48' 5"	16,650/54' 8"	16,650/54' 8"	–	
		4.70/15' 5"	13,150/43' 2"	13,250/43' 6"	14,550/47' 9"	14,550/47' 9"	16,450/54'	16,500/54' 2"	–	
		5.80/19'	–	–	14,150/46' 5"	14,250/46' 9"	16,150/53'	16,250/53' 4"	–	
Bucket		5.20 m³/6.80 yd³			3.60 m³/4.71 yd³			2.60 m³/3.40 yd³		

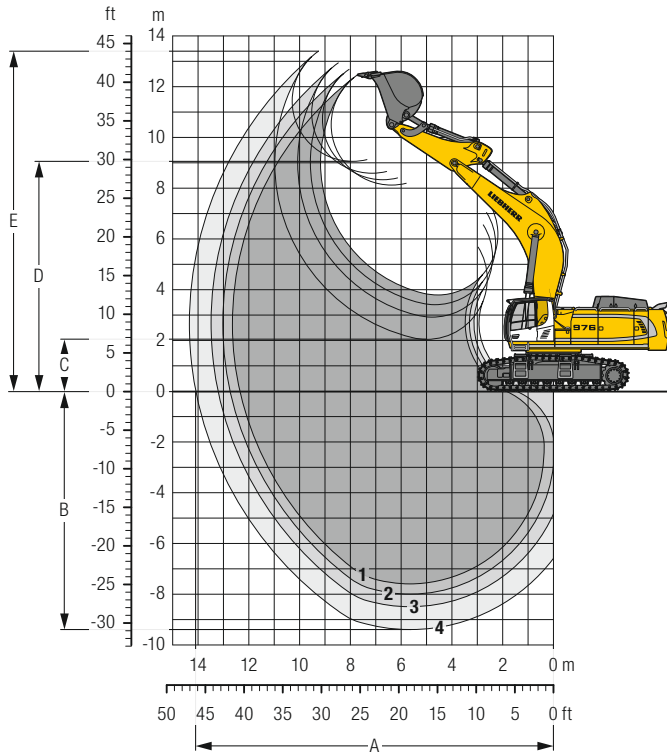
Transport Dimensions

removable elements disassembled

	Stick m/ft in	Mono boom 7.20 m/23'7"			Mono boom 8.60 m/28'3"			Mono boom 10.50 m/34'5"		
		mm/ft in			mm/ft in			mm/ft in		
		HD	LC-V		HD	LC-V		HD	LC-V	
Pad width		500/ 20"	600/ 24"	750/ 30"	500/ 20"	600/ 24"	750/ 30"	500/ 20"	600/ 24"	750/ 30"
Transport width		4,730/15' 6"	4,730/15' 6"	4,730/15' 6"	4,730/15' 6"	4,730/15' 6"	4,730/15' 6"	4,730/15' 6"	4,730/15' 6"	4,730/15' 6"
Transport length	2.90/ 9' 6"	13,800/45' 3"	13,800/45' 3"	–	–	–	–	–	–	–
	3.30/10'10"	13,500/44' 3"	13,500/44' 3"	14,900/48'11"	14,900/48'11"	–	–	–	–	–
	3.80/12' 6"	13,400/44'	13,450/44' 2"	14,750/48' 5"	14,750/48' 5"	16,650/54' 8"	16,650/54' 8"	–	–	–
	4.70/15' 5"	13,150/43' 2"	13,250/43' 6"	14,550/47' 9"	14,550/47' 9"	16,450/54'	16,500/54' 2"	–	–	–
	5.80/19'	–	–	14,150/46' 5"	14,250/46' 9"	16,150/53'	16,250/53' 4"	–	–	–
Transport height	2.90/ 9' 6"	5,100/16' 9"	5,150/16'11"	–	–	–	–	–	–	–
	3.30/10'10"	5,250/17' 3"	5,350/17' 7"	5,450/17'11"	5,500/18' 1"	–	–	–	–	–
	3.80/12' 6"	5,550/18' 3"	5,600/18' 4"	5,600/18' 4"	5,700/18' 8"	5,900/19' 4"	6,000/19' 8"	–	–	–
	4.70/15' 5"	6,050/19'10"	6,150/20' 2"	6,000/19' 8"	6,000/19' 8"	6,100/20'	6,200/20' 4"	–	–	–
5.80/19'	–	–	6,800/22' 4"	6,750/22' 2"	6,800/22' 4"	6,800/22' 4"	–	–	–	
Bucket		5.20 m³/6.80 yd³			3.60 m³/4.71 yd³			2.60 m³/3.40 yd³		

Backhoe Bucket

with Mono Boom 7.20 m/23'7" and Counterweight 14.1 t/31,090 lb



Digging Envelope

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

Forces

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

Operating Weight and Ground Pressure

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

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

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

Optional: counterweight 16.0 t/35,270 lb

(counterweight 16.0 t/35,270 lb increases the operating weight by 1,900 kg/4,190 lb and ground pressure by 0.04 kg/m²/0.6 psi) see load tables on pages 32 and 33

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

	Cutting width mm in	Capacity ISO 7451 m ³ yd ³	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)				
				2.90 9'6"	3.30 10'10"	3.80 12'6"	4.70 15'5"	2.90 9'6"	3.30 10'10"	3.80 12'6"	4.70 15'5"	
with counterweight 14.1 t/31,090 lb												
STD ¹⁾	2,200 87"	5.20 6.80	4,650 10,251	▲	▲	▲	▲	▲	▲	▲	■	
	2,300 91"	5.60 7.32	4,850 10,692	▲	▲	■	■	▲	▲	▲	▲	
	2,300 91"	6.20 8.11	5,050 11,133	■	■	▲	△	▲	■	▲	■	
	2,500 98"	6.80 8.89	5,400 11,905	▲	▲	△	△	■	▲	■	△	
	2,200 87"	4.60 6.02	5,100 11,244	▲	▲	▲	■	▲	▲	▲	■	
HD ²⁾	2,200 87"	5.20 6.80	5,300 11,684	▲	▲	■	■	▲	▲	▲	▲	
	2,300 91"	5.60 7.32	5,550 12,236	▲	■	▲	△	▲	▲	■	■	
	2,300 91"	6.20 8.11	5,800 12,787	■	▲	■	△	▲	■	▲	△	
	2,000 79"	4.20 5.49	5,600 12,346	▲	▲	▲	■	▲	▲	▲	▲	
HDV ³⁾	2,200 87"	4.70 6.15	5,850 12,897	▲	▲	▲	▲	▲	▲	▲	■	
	2,200 87"	5.20 6.80	6,250 13,779	▲	▲	■	△	▲	▲	■	■	
	2,300 91"	5.70 7.45	6,500 14,330	■	■	■	△	▲	■	▲	△	
	with counterweight 16.0 t/35,270 lb											
	STD ¹⁾	2,200 87"	5.20 6.80	4,650 10,251	▲	▲	▲	■	▲	▲	▲	■
2,300 91"		5.60 7.32	4,850 10,692	▲	▲	▲	▲	▲	▲	▲	■	
2,300 91"		6.20 8.11	5,050 11,133	▲	▲	■	■	▲	▲	■	■	
2,500 98"		6.80 8.89	5,400 11,905	■	■	■	△	▲	■	▲	△	
2,200 87"		4.60 6.02	5,100 11,244	▲	▲	▲	▲	▲	▲	▲	▲	
HD ²⁾	2,200 87"	5.20 6.80	5,300 11,684	▲	▲	▲	▲	▲	▲	▲	■	
	2,300 91"	5.60 7.32	5,550 12,236	▲	▲	■	■	▲	▲	▲	▲	
	2,300 91"	6.20 8.11	5,800 12,787	▲	■	▲	△	▲	▲	■	■	
	2,000 79"	4.20 5.49	5,600 12,346	▲	▲	▲	▲	▲	▲	▲	▲	
HDV ³⁾	2,200 87"	4.70 6.15	5,850 12,897	▲	▲	▲	■	▲	▲	▲	■	
	2,200 87"	5.20 6.80	6,250 13,779	▲	▲	▲	■	▲	▲	▲	▲	
	2,300 91"	5.70 7.45	6,500 14,330	▲	■	▲	△	▲	▲	■	■	

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

¹⁾ Standard bucket with Liebherr teeth Z 90

²⁾ HD bucket with Liebherr teeth Z 90

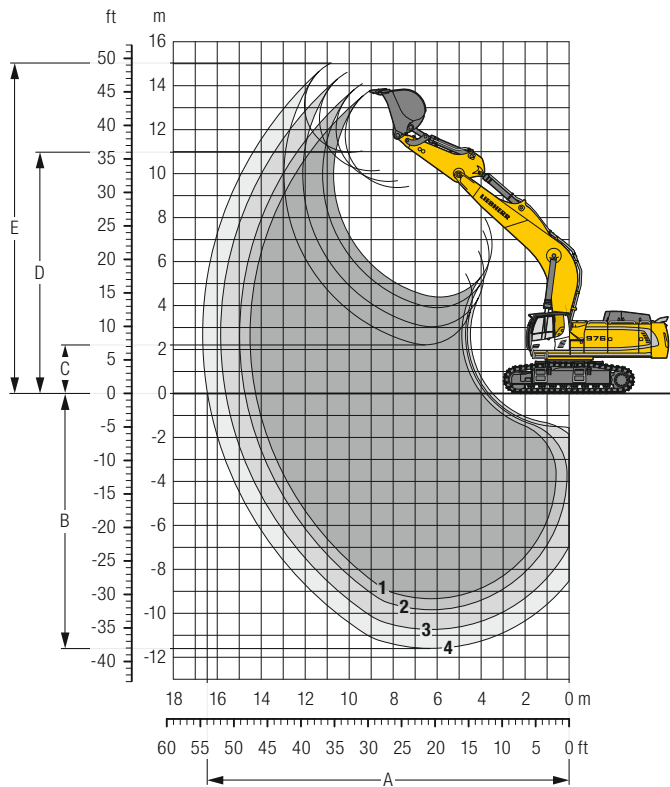
³⁾ HDV bucket with Liebherr teeth Z 90

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 8.60 m/28'3" and Counterweight 14.1 t/31,090 lb



Digging Envelope

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

Forces

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

Operating Weight and Ground Pressure

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

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

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

Optional: counterweight 16.0 t/35,270 lb

(counterweight 16.0 t/35,270 lb increases the operating weight by 1,900 kg/4,190 lb and ground pressure by 0.04 kg/m²/0.6 psi) see load tables on pages 38 to 41

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

	Cutting width mm 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)			
				3.30 10'10"	3.80 12'6"	4.70 15'5"	5.80 19'	3.30 10'10"	3.80 12'6"	4.70 15'5"	5.80 19'
with counterweight 14.1 t/31,090 lb											
STD ¹⁾	2,300 91"	5.60 7.32	4,850 10,690	△	△	-	-	■	△	-	-
	2,300 91"	6.20 8.11	5,050 11,130	△	-	-	-	△	△	-	-
HD ²⁾	2,500 98"	6.80 8.89	5,400 11,910	-	-	-	-	△	-	-	-
	2,200 87"	5.20 6.80	5,300 11,680	△	△	-	-	■	△	-	-
HDV ³⁾	2,300 91"	5.60 7.32	5,550 12,240	△	-	-	-	△	△	-	-
	2,300 91"	6.20 8.11	5,800 12,790	-	-	-	-	△	-	-	-
STD ⁴⁾	2,200 87"	4.70 6.15	5,850 12,900	■	△	-	-	▲	△	△	-
	2,200 87"	5.20 6.80	6,250 13,780	△	-	-	-	△	△	-	-
HD ⁵⁾	2,300 91"	5.70 7.45	6,500 14,330	-	-	-	-	△	-	-	-
	1,950 77"	4.00 5.23	3,600 7,940	-	-	-	△	-	-	-	■
STD ⁴⁾	2,150 85"	4.50 5.88	3,800 8,380	-	-	-	△	-	-	-	△
	2,250 89"	5.00 6.54	3,950 8,710	-	-	-	-	-	-	-	△
HD ⁵⁾	2,200 87"	3.50 4.58	4,300 9,480	-	-	-	■	-	-	-	▲
	2,000 79"	4.00 5.23	4,500 9,920	-	-	-	△	-	-	-	△
STD ⁴⁾	2,200 87"	4.50 5.88	4,850 10,690	-	-	-	-	-	-	-	△
	with counterweight 16.0 t/35,270 lb										
STD ¹⁾	2,300 91"	5.60 7.32	4,850 10,690	■	△	-	-	▲	■	△	-
	2,300 91"	6.20 8.11	5,050 11,130	△	△	-	-	■	△	-	-
HD ²⁾	2,500 98"	6.80 8.89	5,400 11,910	△	-	-	-	△	△	-	-
	2,200 87"	5.20 6.80	5,300 11,680	■	△	△	-	▲	■	△	-
HDV ³⁾	2,300 91"	5.60 7.32	5,550 12,240	△	△	-	-	■	△	△	-
	2,300 91"	6.20 8.11	5,800 12,790	△	-	-	-	△	△	-	-
STD ⁴⁾	2,200 87"	4.70 6.15	5,850 12,900	▲	■	△	-	■	▲	△	-
	2,200 87"	5.20 6.80	6,250 13,780	△	△	-	-	■	△	-	-
HD ⁵⁾	2,300 91"	5.70 7.45	6,500 14,330	△	-	-	-	△	△	-	-
	2,150 85"	4.50 5.88	3,800 8,380	-	-	-	△	-	-	-	■
STD ⁴⁾	2,250 89"	5.00 6.54	3,950 8,710	-	-	-	△	-	-	-	△
	2,450 97"	5.50 7.19	4,200 9,260	-	-	-	-	-	-	-	△
HD ⁵⁾	2,000 79"	4.00 5.23	4,500 9,920	-	-	-	■	-	-	-	■
	2,200 87"	4.50 5.88	4,850 10,690	-	-	-	△	-	-	-	△
STD ⁴⁾	2,300 91"	5.00 6.54	5,050 11,130	-	-	-	-	-	-	-	△

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

¹⁾ Standard bucket with Liebherr teeth Z 90

²⁾ HD bucket with Liebherr teeth Z 90

³⁾ HDV bucket with Liebherr teeth Z 90

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

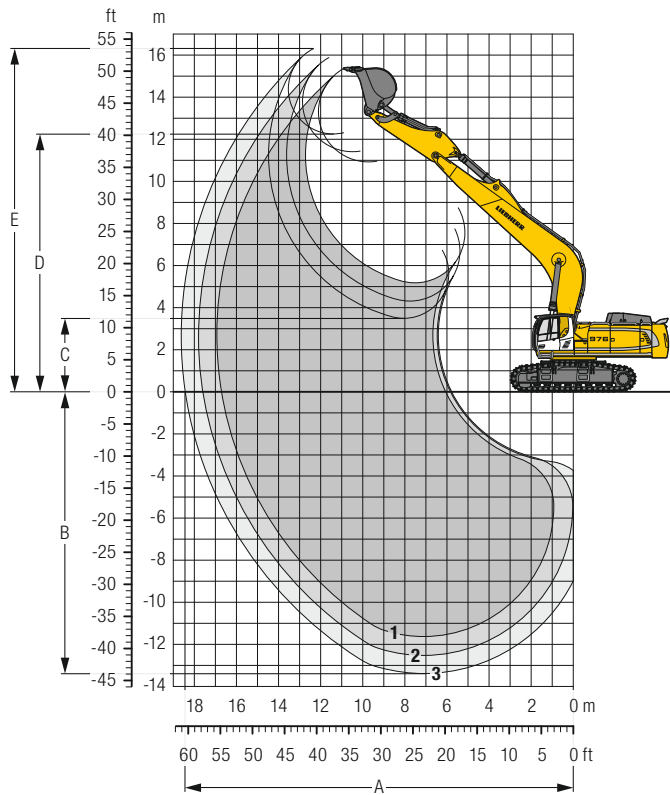
⁵⁾ HD bucket from R 966 **Litronic** with Liebherr teeth Z 90

Other buckets available upon request

Max. material weight ■ = ≤ 1.8 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 10.50 m/34'5" and Counterweight 16.0 t/35,270 lb



Digging Envelope

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

Forces

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

Operating Weight and Ground Pressure

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

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

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

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

	Cutting width mm in	Capacity ISO 7451 m ³ yd ³	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)		
				3.80 12'6"	4.70 15'5"	5.80 19'	3.80 12'6"	4.70 15'5"	5.80 19'
with counterweight 16.0 t/35,270 lb									
STD ¹⁾	1,450 57"	2.60 3.40	3,400 7,500	▲	▲	-	▲	■	-
	1,800 71"	3.60 4.71	3,900 8,600	△	-	-	■	△	-
	2,000 79"	4.10 5.36	4,100 9,040	△	-	-	△	-	-
HD ²⁾	1,450 57"	2.60 3.40	3,750 8,270	▲	▲	-	▲	■	-
	1,800 71"	3.60 4.71	4,350 9,590	△	-	-	■	△	-
	2,000 79"	4.10 5.36	4,700 10,360	-	-	-	△	-	-
HDV ³⁾	1,800 71"	3.70 4.84	5,200 11,460	-	-	-	△	-	-
STD ⁴⁾	1,400 55"	2.00 2.62	2,500 5,510	-	-	▲	-	-	▲
	1,700 67"	2.50 3.27	2,850 6,280	-	-	■	-	-	▲
	1,950 77"	3.00 3.92	3,100 6,830	-	-	△	-	-	■
	2,150 85"	3.50 4.58	3,350 7,390	-	-	△	-	-	△
	1,450 57"	2.00 2.62	3,100 6,830	-	-	▲	-	-	▲
HD ⁵⁾	1,750 69"	2.50 3.27	3,600 7,940	-	-	■	-	-	▲
	2,000 79"	3.00 3.92	3,900 8,600	-	-	△	-	-	△

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

¹⁾ Standard bucket with Liebherr teeth Z 90

²⁾ HD bucket with Liebherr teeth Z 90

³⁾ HDV bucket with Liebherr teeth Z 90

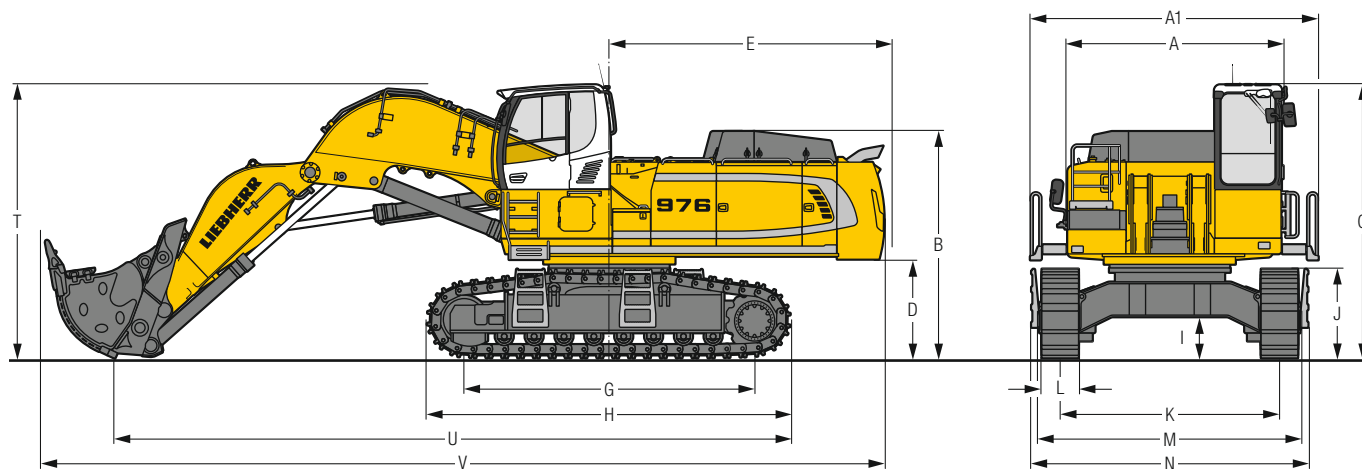
⁴⁾ Standard bucket from R 966 **Litronic** with Liebherr teeth Z 70

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

Other buckets available upon request

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

Dimensions Front Shovel



	HD	mm/ft in
A	Uppercarriage width	3,565/11'8"
A1	Uppercarriage width with catwalks	4,730/15'6"
B	Uppercarriage height	3,725/12'3"
C	Cab height	4,495/4,690*/14'9"/15'5"*
D	Counterweight ground clearance	1,620/ 5'4"
E	Rear-end length	4,640/15'3"
G	Wheelbase	4,770/15'8"
H	Undercarriage length	5,955/19'6"
I	Undercarriage ground clearance	682/ 2'3"

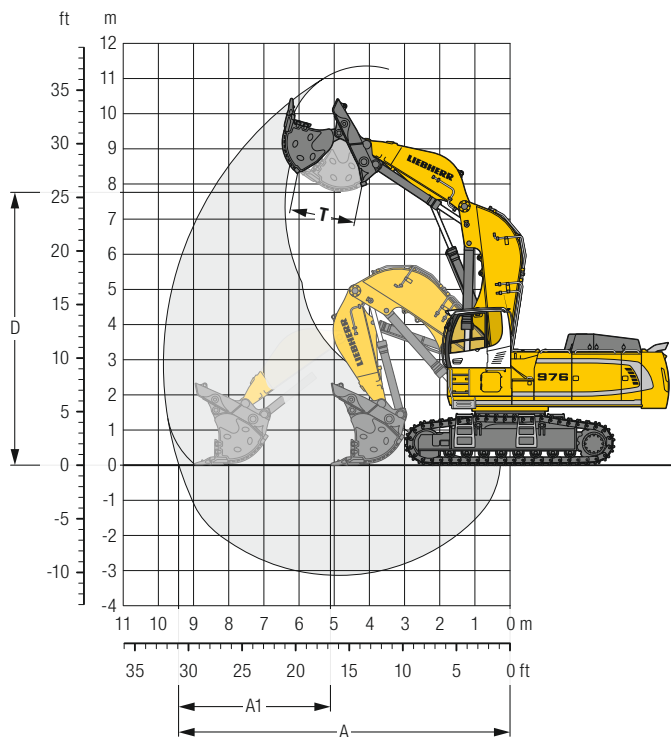
* with FOPS top guard

	HD	mm/ft in
J	Track height	1,460/ 4' 9"
K	Track gauge	3,600/11'10"
L	Track pad width	500/ 20" 600/ 24" 750/ 30"
M	Width over tracks	4,290/14' 1" 4,290/14' 1" 4,350/14' 3"
N	Width over steps	4,540/14'11" 4,540/14'11" 4,540/14'11"
T	Boom height	4,500/14' 9"
U	Length on ground	11,100/36' 5"
V	Overall length	13,850/45' 5"

Transport Dimensions removable elements disassembled

	Shovel equipment mm/ft in
Transport width	4,540/14'11"
Transport length	13,850/45' 5"
Transport height	4,690/15' 5"
Shovel	5.10 m ³ /6.67 yd ³

Front Shovel



Digging Envelope

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

Forces

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

Operating Weight and Ground Pressure

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

Undercarriage	HD			
	mm/in	500/20"	600/24"	750/30"
Pad width				
Weight	kg/lb	91,500/201,720	92,200/203,270	93,300/205,690
Ground pressure	kg/cm ² /psi	1.76/25.0	1.48/21.1	1.20/17.1

Front Shovels

Cutting width mm in	Capacity ISO 7461 m ³ yd ³	Weight kg lb	Wear kit level	HD-Undercarriage	
				Shovel equipment	
2,700 106"	5.10 6.67	8,450 18,630	I	▲	
2,700 106"	5.10 6.67	9,200 20,280	II	▲	
2,700 106"	5.10 6.67	10,150 22,380	III	■	
2,700 106"	5.40 7.06	10,600 23,370	III	■	
2,700 106"	5.60 7.32	8,750 19,290	I	■	
2,700 106"	5.60 7.32	9,500 20,940	II	■	
2,700 106"	6.00 7.85	9,950 21,940	I	▲	
2,700 106"	6.00 7.85	10,700 23,590	II	■	

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

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

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

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

Lift Capacities

with Mono Boom 7.20 m/23'7", Counterweight 14.1 t/31,090 lb and Track Pads 750 mm/30"

Stick 2.90 m / 9'6"

Under-carriage	Height	3.0 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
		Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage			
HD	10.5 m t													23.7*	23.7*	6.4
	35 ft lb															
	9.0 m t							21.6*	21.6*					21.3*	21.3*	8.0
	30 ft lb							48.6*	48.6*					47.3*	47.3*	25'8"
	7.5 m t							21.8*	21.8*	19.5	20.3*			19.4	20.2*	9.0
	25 ft lb							48.3*	48.3*					44.1	44.7*	29'4"
	6.0 m t					27.2*	27.2*	23.2*	23.2*	19.2	20.9*			16.9	19.9*	9.7
	20 ft lb					59.8*	59.8*	51.2*	51.2*	41.9	46.6*			38.0	43.9*	31'8"
	4.5 m t					31.3*	31.3*	24.6	25.2*	18.6	21.8*			15.4	19.9	10.1
	15 ft lb					68.6*	68.6*	53.8	55.5*	40.7	48.3*			34.7	44.5*	33'11"
3.0 m t					32.1	34.9*	23.3	27.1*	17.9	22.8*			14.7	19.0	10.3	
10 ft lb					70.4	76.5*	51.1	59.7*	39.2	50.3*			32.9	42.5	33'8"	
1.5 m t					30.7	36.6*	22.3	28.4*	17.3	22.7			14.5	18.9	10.2	
5 ft lb					67.2	80.5*	49.0	62.5*	38.0	49.5			32.5	42.2	33'6"	
0 m t					30.0	36.4*	21.7	28.6*	16.9	22.3			14.9	19.5	9.9	
0 ft lb					65.6	80.2*	47.7	63.0*	37.2	48.6			33.4	43.5	32'6"	
-1.5 m t					38.5*	38.5*	29.9	34.6*	21.5	27.6*	16.9	22.0*	16.1	20.7*	9.3	
-5 ft lb					88.7*	88.7*	65.2	76.2*	47.2	60.6*	37.0	48.1*	36.1	46.5*	30'7"	
-3.0 m t	40.5*	40.5*	38.4*	38.4*	30.2	30.9*	21.8	24.6*					18.6	20.4*	8.5	
-10 ft lb	91.9*	91.9*	84.5*	84.5*	65.8	67.9*	47.6	53.6*					41.8	45.6*	27'7"	
-4.5 m t			30.0*	30.0*	24.2*	24.2*							18.9*	18.9*	7.1	
-15 ft lb			65.4*	65.4*	52.4*	52.4*							42.0*	42.0*	23'2"	
-6.0 m t																
-20 ft lb																
LC-V	10.5 m t													23.4*	23.4*	6.4
	35 ft lb															
	9.0 m t							21.5*	21.5*					21.1*	21.1*	8.0
	30 ft lb							48.3*	48.3*					47.0*	47.0*	25'8"
	7.5 m t							21.8*	21.8*	20.4	20.7*			20.0	20.1*	9.0
	25 ft lb							48.5*	48.5*					44.6*	44.6*	29'4"
	6.0 m t					27.6*	27.6*	23.3*	23.3*	20.1	21.0*			17.5	19.9*	9.7
	20 ft lb					60.5*	60.5*	51.6*	51.6*	43.8	46.7*			39.5	43.9*	31'8"
	4.5 m t					31.7*	31.7*	25.4*	25.4*	19.4	21.9*			16.1	20.2*	10.1
	15 ft lb					69.4*	69.4*	55.9*	55.9*	42.5	48.5*			36.2	46.5*	33'11"
3.0 m t					33.5	35.1*	24.4	27.3*	18.7	22.9*			15.4	20.4*	10.3	
10 ft lb					73.4	77.0*	53.4	60.0*	41.1	50.5*			34.6	45.8*	33'8"	
1.5 m t					32.1	36.7*	23.4	28.5*	18.2	23.5*			15.3	20.6*	10.2	
5 ft lb					70.3	80.6*	51.4	62.7*	39.9	51.7*			34.3	46.1*	33'6"	
0 m t					31.5	36.3*	22.9	28.6*	17.8	23.3*			15.8	20.7*	9.9	
0 ft lb					68.9	80.0*	50.1	63.0*	39.1	51.3*			35.4	46.4*	32'6"	
-1.5 m t					40.3*	40.3*	31.4	34.4*	22.7	27.4*	17.8	21.8*	17.2	20.7*	9.3	
-5 ft lb					92.9*	92.9*	68.6	75.7*	49.7	60.2*	39.0	47.5*	38.4	46.4*	30'7"	
-3.0 m t	42.5*	42.5*	37.8*	37.8*	30.5*	30.5*	23.0	24.2*					20.0	20.3*	8.5	
-10 ft lb	96.2*	96.2*	83.2*	83.2*	66.9*	66.9*	50.2	52.7*					44.8	45.5*	27'7"	
-4.5 m t			29.0*	29.0*	23.4*	23.4*							18.6*	18.6*	7.1	
-15 ft lb			63.2*	63.2*	50.4*	50.4*							41.4*	41.4*	23'2"	
-6.0 m t																
-20 ft lb																

Stick 3.30 m / 10'10"

Under-carriage	Height	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
		Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage			
HD	10.5 m t													20.1*	20.1*	7.0
	35 ft lb															
	9.0 m t							20.3*	20.3*					18.2*	18.2*	8.4
	30 ft lb							45.4*	45.4*					40.4*	40.4*	27'4"
	7.5 m t							20.7*	20.7*	19.4	20.1*			17.3*	17.3*	9.4
	25 ft lb							45.9*	45.9*	42.9	44.0*			38.3*	38.3*	30'8"
	6.0 m t					25.9*	25.9*	22.3*	22.3*	19.4	20.1*			15.9	17.1*	10.1
	20 ft lb					56.8*	56.8*	49.1*	49.1*	42.2	44.7*			35.7	37.7*	33'
	4.5 m t					30.1*	30.1*	24.4*	24.4*	18.7	21.2*			14.6	17.3*	10.5
	15 ft lb					65.9*	65.9*	53.7*	53.7*	40.9	46.8*			32.7	38.1*	34'4"
3.0 m t					32.6	34.0*	23.5	26.5*	18.0	22.3*	14.2	18.4	13.9	17.9*	10.6	
10 ft lb					71.4	74.4*	51.5	58.3*	39.4	49.2*			31.1	39.5*	34'11"	
1.5 m t					31.0	36.3*	22.5	28.1*	17.3	22.7			13.7	17.9	10.6	
5 ft lb					67.8	79.6*	49.3	61.7*	38.0	49.5			30.7	39.8	34'8"	
0 m t					30.1	36.6*	21.8	28.6*	16.9	22.2			14.1	18.4	10.3	
0 ft lb					65.8	80.5*	47.7	62.9*	37.0	48.5			31.5	41.0	33'8"	
-1.5 m t					36.7*	36.7*	29.8	35.3*	21.5	27.9*	16.7	22.0	15.1	19.8	9.7	
-5 ft lb					84.5*	84.5*	65.1	77.5*	47.0	61.3*	36.6	48.0	33.8	44.1	31'11"	
-3.0 m t	36.6*	36.6*	40.8*	40.8*	30.0	32.2*	21.6	25.5*					17.2	19.8*	8.9	
-10 ft lb	82.8*	82.8*	89.6*	89.6*	65.4	70.5*	47.1	55.7*					38.5	44.2*	29'1"	
-4.5 m t			33.1*	33.1*	26.4*	26.4*	19.8*	19.8*					18.8*	18.8*	7.7	
-15 ft lb			72.2*	72.2*	57.3*	57.3*							41.9*	41.9*	25'	
-6.0 m t																
-20 ft lb																
LC-V	10.5 m t													19.9*	19.9*	7.0
	35 ft lb															
	9.0 m t							20.2*	20.2*					18.1*	18.1*	8.4
	30 ft lb							45.3*	45.3*					40.1*	40.1*	27'4"
	7.5 m t							20.8*	20.8*	19.7*	19.7*			17.3*	17.3*	9.4
	25 ft lb							46.1*	46.1*	43.9*	43.9*			38.2*	38.2*	30'8"
	6.0 m t					26.2*	26.2*	22.4*	22.4*	20.2*	20.2*			16.5	17.1*	10.1
	20 ft lb					57.5*	57.5*	49.5*	49.5*	44.1	44.9*			37.2	37.7*	33'
	4.5 m t					30.5*	30.5*	24.6*	24.6*	19.6	21.3*	15.2	17.3*	15.2	17.3*	10.5
	15 ft lb					66.7*	66.7*	54.1*	54.1*	42.7	47.0*			34.2	38.2*	34'4"
3.0 m t					34.0	34.3*	24.6	26.7*	18.8	22.4*	14.9	19.7*	14.6	18.0*	10.6	
10 ft lb					74.3	75.0*	53.8	58.7*	41.2	49.4*			32.7	39.7*	34'11"	
1.5 m t					32.4	36.4*	23.6	28.2*	18.2	23.2*	14.6	19.8*	14.5	19.2*	10.6	
5 ft lb					70.9	79.8*	51.6	61.9*	39.9	51.1*			32.4	42.4*	34'8"	
0 m t					31.6	36.6*	22.9	28.6*	17.8	23.3*			14.9	19.9*	10.3	
0 ft lb					69.0	80.4*	50.1	62.9*	38.9	51.3*			33.4	44.4*	33'8"	
-1.5 m t					38.3*	38.3*	31.4	35.1*	22.6	27.8*	17.6	22.4*	16.0	20.0*	9.7	
-5 ft lb					87.9*	87.9*	68.4	77.1*	49.5	61.0*	38.6	48.9*	35.9	44.6*	31'11"	
-3.0 m t	38.1*	38.1*	40.2*	40.2*	31.6	31.8*	22.8	25.2*					18.4	19.8*	8.9	
-10 ft lb	86.4*	86.4*	88.4*	88.4*	68.7	69.7*	49.7	55.0*					41.2	44.2*	29'1"	
-4.5 m t			32.3*	32.3*	25.7*	25.7*	18.9*	18.9*					18.7*	18.7*	7.7	
-15 ft lb			70.2*	70.2*	55.7*	55.7*							41.6*	41.6*	25'	
-6.0 m 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%

Stick 3.80 m / 12'6"

Under-carriage	Height	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
		t	lb	t	lb	t	lb	t	lb	t	lb	t	lb			
HD	10.5 m t							18.2*	18.2*					16.7*	16.7*	7.7
	35 ft lb													37.4*	37.4*	24'8"
	9.0 m t									15.7*	15.7*			15.3*	15.3*	9.0
	30 ft lb													34.0*	34.0*	29'4"
	7.5 m t							19.4*	19.4*	18.5*	18.5*			14.6*	14.6*	10.0
	25 ft lb							43.0*	43.0*	41.2*	41.2*			32.4*	32.4*	32'6"
	6.0 m t							21.1*	21.1*	19.2*	19.2*	15.0	15.6*	14.4*	14.4*	10.6
	20 ft lb							46.5*	46.5*	42.5*	42.5*			31.9*	31.9*	34'7"
	4.5 m t					28.4*	28.4*	23.3*	23.3*	18.9	20.4*	14.7	18.5*	13.6	14.6*	11.0
	15 ft lb					62.3*	62.3*	51.3*	51.3*	41.3	45.0*	32.0	40.3*	30.6	32.3*	35'11"
	3.0 m t					32.7*	32.7*	23.8	25.6*	18.1	21.6*	14.3	18.5	13.0	15.1*	11.1
	10 ft lb					71.5*	71.5*	52.1	56.4*	39.6	47.8*	31.2	40.2	29.2	33.4*	36'5"
1.5 m t					31.3	35.5*	22.7	27.5*	17.4	22.7*	13.9	18.0	12.8	16.0*	11.0	
5 ft lb					68.6	78.0*	49.6	60.4*	38.1	49.7	30.3	39.3	28.7	35.4*	36'2"	
0 m t					30.2	36.6*	21.9	28.4*	16.9	22.2	13.6	17.7	13.1	17.1	10.8	
0 ft lb					66.1	80.3*	47.9	62.4*	37.0	48.5	29.7	38.7	29.3	38.2	35'4"	
-1.5 m t																
-5 ft lb					34.9*	34.9*	29.8	35.8*	21.4	28.1*	16.6	21.9	13.9	18.3	10.3	
-3.0 m t					80.1*	80.1*	64.9	78.7*	46.9	61.8*	36.3	47.8	31.2	40.7	33'7"	
-10 ft lb					73.9*	73.9*	94.9*	94.9*	64.9	73.2*	46.7	57.8*	36.4	45.2*		
-4.5 m t					47.5*	47.5*	36.5*	36.5*	28.6*	28.6*	21.8	22.3*				
-15 ft lb					103.7*	103.7*	79.6*	79.6*	62.3*	62.3*	47.5	48.0*				
-6.0 m t									19.5*	19.5*						
-20 ft lb																
LC-V	10.5 m t							18.9*	18.9*					16.5*	16.5*	7.7
	35 ft lb							37.8*	37.8*					37.0*	37.0*	24'8"
	9.0 m t									16.5*	16.5*			15.2*	15.2*	9.0
	30 ft lb													33.8*	33.8*	29'4"
	7.5 m t							19.5*	19.5*	18.5*	18.5*			14.6*	14.6*	10.0
	25 ft lb							43.2*	43.2*	41.2*	41.2*			32.3*	32.3*	32'6"
	6.0 m t							21.2*	21.2*	19.3*	19.3*	15.7	16.1*	14.4*	14.4*	10.6
	20 ft lb							46.9*	46.9*	42.7*	42.7*			31.9*	31.9*	34'7"
	4.5 m t					28.8*	28.8*	23.5*	23.5*	19.7	20.5*	15.4	18.6*	14.2	14.6*	11.0
	15 ft lb					63.1*	63.1*	51.8*	51.8*	43.1	45.2*	33.6	41.0*	32.0	32.3*	35'11"
	3.0 m t					33.0*	33.0*	24.9	25.8*	19.0	21.8*	15.0	19.2*	13.7	15.2*	11.1
	10 ft lb					72.2*	72.2*	54.4	56.8*	41.5	48.0*	32.7	42.4*	30.7	33.5*	36'5"
1.5 m t					32.7	35.7*	23.7	27.6*	18.3	22.8*	14.6	19.6*	13.5	16.1*	11.0	
5 ft lb					71.6	78.3*	51.9	60.7*	40.0	50.2*	31.9	43.1*	30.3	35.6*	36'2"	
0 m t					31.7	36.6*	22.9	28.4*	17.8	23.2*	14.3	19.4*	13.9	17.7*	10.8	
0 ft lb					69.2	80.3*	50.2	62.5*	38.9	51.1*	31.3	42.5*	31.1	39.0*	35'4"	
-1.5 m t																
-5 ft lb					36.1*	36.1*	31.3	35.7*	22.6	28.1*	17.5	22.7*	14.8	19.0*	10.3	
-3.0 m t					82.7*	82.7*	68.2	78.4*	49.3	61.6*	38.3	49.8*	33.2	42.5*	33'7"	
-10 ft lb					33.9*	33.9*	42.8*	42.8*	31.3	33.1*	22.5	26.2*	17.6	20.6*		
-4.5 m t					76.7*	76.7*	93.8*	93.8*	68.2	72.5*	49.2	57.2*	38.5	44.4*		
-15 ft lb					46.4*	46.4*	35.7*	35.7*	28.1*	28.1*	21.7*	21.7*				
-6.0 m t					101.2*	101.2*	77.9*	77.9*	61.1*	61.1*	46.6*	46.6*				
-20 ft lb																

Stick 4.70 m / 15'5"

Under-carriage	Height	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											
		t	lb	t	lb	t	lb	t	lb	t	lb	t	lb														
HD	10.5 m t													12.5*	12.5*	8.9											
	35 ft lb													28.0*	28.0*	28'8"											
	9.0 m t									15.7*	15.7*			11.6*	11.6*	10.1											
	30 ft lb													25.9*	25.9*	32'8"											
	7.5 m t									16.3*	16.3*	13.9*	13.9*	11.1*	11.1*	10.9											
	25 ft lb									36.6*	36.6*	28.0*	28.0*	24.8*	24.8*	35'7"											
	6.0 m t									17.3*	17.3*	15.3	16.3*	11.0*	11.0*	11.5											
	20 ft lb									40.4*	40.4*	38.6*	38.6*	33.4	34.8*	24.5*	24.5*	37'6"									
	4.5 m t								25.1*	25.1*	21.1*	21.1*	18.7*	18.7*	14.9	17.1*	11.1*	11.1*	11.8								
	15 ft lb								55.2*	55.2*	46.7*	46.7*	41.5*	41.5*	32.6	38.2*	24.7*	24.7*	38'8"								
	3.0 m t								29.8*	29.8*	23.7*	23.7*	18.3	20.2*	14.3	17.9*	11.5	11.5*	12.0								
	10 ft lb								65.5*	65.5*	52.5*	52.5*	40.3	44.8*	31.5	39.9*	25.5*	25.5*	39'2"								
1.5 m t								32.0	33.6*	23.0	26.0*	17.5	21.6*	13.8	18.0	11.3	12.1*	11.9									
5 ft lb								70.3	73.9*	50.5	57.5*	38.5	47.8*	30.5	39.5	25.6	26.8*	39'1"									
0 m t								30.5	35.7*	21.9	27.5*	16.8	22.2	13.4	17.6	11.5	13.0*	11.6									
0 ft lb								59.2*	59.2*	66.9	78.7*	48.2	60.9*	37.1	48.6	29.6	38.6	25.9	29.0*	38'2"							
-1.5 m t								18.1*	18.1*	32.4*	32.4*	29.6	36.0*	21.3	28.0*	16.4	21.7	13.1	17.3	12.1	14.5*	11.2					
-5 ft lb								40.9*	40.9*	74.3*	74.3*	65.0	79.5*	46.8	61.9*	36.1	47.5	29.0	38.0	27.2	32.3*	36'7"					
-3.0 m t								32.7*	32.7*	43.4*	43.4*	29.3	34.7*	21.0	27.2*	16.2	21.5			13.2	16.9*	10.5					
-10 ft lb								61.9*	61.9*	99.6*	99.6*	64.2	76.5*	46.1	60.0*	35.7	47.1			29.9	37.7*	34'2"					
-4.5 m t								39.2*	39.2*	41.2*	41.2*	29.5	31.5*	21.1	24.7*	16.4	19.2*			15.4	17.3*	9.4					
-15 ft lb								89.1*	89.1*	90.5*	90.5*	64.6	69.1*	46.3	54.1*	36.1	41.3*			34.9	39.0*	30'10"					
-6.0 m t								44.1*	44.1*	32.9*	32.9*	25.4*	25.4*	19.0*	19.0*					16.6*	16.6*	8.0					
-20 ft lb								95.7*	95.7*	71.3*	71.3*	54.9*	54.9*	40.2*	40.2*					37.1*	37.1*	25'11"					
LC-V	10.5 m t													12.5*	12.5*												
	35 ft lb													27.7*	27.7*	28'8"											
	9.0 m t													15.8*	15.8*												
	30 ft lb													34.2*	34.2*												
	7.5 m t													16.4*	16.4*	14.2*	14.2*	11.1*	11.1*	10.9							
	25 ft lb													36.7*	36.7*	28.9*	28.9*	24.8*	24.8*	35'7"							
	6.0 m t													18.7*	18.7*	17.4*	17.4*	16.0	16.4*	11.0*	11.0*	11.5					
	20 ft lb													41.0*	41.0*	38.8*	38.8*	35.0	35.2*	24.5*	24.5*	37'6"					
	4.5 m t													25.5*	25.5*	21.3*	21.3*	18.8*	18.8*	15.6	17.2*	11.1*	11.1*	11.8			
	15 ft lb													56.1*	56.1*	47.2*	47.2*	41.8*	41.8*	34.1	38.3*	24.8*	24.8*	38'8"			
	3.0 m t													30.2*	30.2*	23.9*	23.9*	19.2	20.3*	15.1	18.0*	11.5*	11.5*	12.0			
	10 ft lb													66.4*	66.4*	52.9*	52.9*	42.1	45.1*	33.1	40.1*	25.6*	25.6*	39'2"			
1.5 m t													33.4	33.8*	24.0	26.2*	18.4	21.7*	14.6	18.8*	12.0	12.2*	11.9				
5 ft lb													73.2	74.5*	52.7	57.9*	40.4	48.1*	32.0	41.6*	27.0*	27.0*	39'1"				
0 m t													31.9	35.8*	23.0	27.6*	17.7	22.6*	14.1	19.1*	12.2	13.2*	11.6				
0 ft lb													60.1*	60.1*	70.0	78.9*	50.6	61.0*	39.0	50.0*	31.2	42.4*	27.5	29.2*	38'2"		
-1.5 m t													18.8*	18.8*	33.2*	33.2*	31.1	36.0*	22.4	28.0*	17.3	22.7*	13.9	18.8*	12.9	14.7*	11.2
-5 ft lb																											

Lift Capacities

with Mono Boom 7.20 m/23'7", Counterweight 16.0 t/35,270 lb and Track Pads 750 mm/30"

Stick 2.90 m/9'6"

Under-carriage	Height	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		
		Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage					
HD	10.5 m t													23.7*	23.7*	6.4		
	35 ft lb																	
	9.0 m t							21.6*	21.6*					21.3*	21.3*	8.0		
	30 ft lb							48.6*	48.6*					47.3*	47.3*	25'8"		
	7.5 m t							21.8*	21.8*	20.3*	20.3*			20.2*	20.2*	9.0		
	25 ft lb							48.3*	48.3*					44.7*	44.7*	29'4"		
	6.0 m t							27.2*	27.2*	23.2*	23.2*	20.4	20.9*	18.0	19.9*	9.7		
	20 ft lb							59.8*	59.8*	51.2*	51.2*	44.5	46.6*	40.5	43.9*	31'8"		
	4.5 m t							31.3*	31.3*	25.2*	25.2*	19.8	21.8*	16.4	20.2*	10.1		
	15 ft lb							68.6*	68.6*	55.5*	55.5*	43.3	48.3*	37.0	44.5*	33'1"		
LC-V	3.0 m t							34.2	34.9*	24.9	27.1*	19.1	22.8*	15.7	20.2	10.3		
	10 ft lb							75.0	76.5*	54.5	59.7*	41.9	50.3*	35.2	45.1	33'8"		
	1.5 m t							32.8	36.6*	23.9	28.4*	18.5	23.4*	15.5	20.1	10.2		
	5 ft lb							71.8	80.5*	52.4	62.5*	40.6	51.7*	34.8	44.8	33'6"		
	0 m t							32.1	36.4*	23.3	28.6*	18.1	23.4*	16.0	20.7*	9.9		
	0 ft lb							70.2	80.2*	51.0	63.0*	39.8	51.4*	35.8	46.2	32'6"		
	-1.5 m t							38.5*	38.5*	32.0	34.6*	23.1	27.6*	18.1	22.0*	17.3	20.7*	9.3
	-5 ft lb							88.7*	88.7*	69.8	76.2*	50.5	60.6*	39.6	48.1*	38.7	46.5*	30'7"
	-3.0 m t	40.5*	40.5*	38.4*	38.4*	30.9*	30.9*	23.3	24.6*					19.9	20.4*	8.5		
	-10 ft lb	91.9*	91.9*	84.5*	84.5*	67.9*	67.9*	50.9	53.6*					44.8	45.6*	27'7"		
-4.5 m t																18.9*	18.9*	7.1
-15 ft lb																42.0*	42.0*	23'2"
-6.0 m t																		
-20 ft lb																		

Stick 3.30 m/10'10"

Under-carriage	Height	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		
		Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage					
HD	10.5 m t													20.1*	20.1*	7.0		
	35 ft lb													45.1*	45.1*	22'4"		
	9.0 m t							20.3*	20.3*					18.2*	18.2*	8.4		
	30 ft lb							45.4*	45.4*					40.4*	40.4*	27'4"		
	7.5 m t							20.7*	20.7*	19.7*	19.7*			17.3*	17.3*	9.4		
	25 ft lb							45.9*	45.9*	44.0*	44.0*			38.3*	38.3*	30'8"		
	6.0 m t							25.9*	25.9*	22.3*	22.3*	20.1*	20.1*	16.9	17.1*	10.1		
	20 ft lb							56.8*	56.8*	49.1*	49.1*	44.7*	44.7*	37.7*	37.7*	33'		
	4.5 m t							30.1*	30.1*	24.4*	24.4*	19.9	21.2*	15.6	17.3*	10.5		
	15 ft lb							65.9*	65.9*	53.7*	53.7*	43.5	46.8*	34.9	38.1*	34'4"		
LC-V	3.0 m t							34.0*	34.0*	25.1	26.5*	19.2	22.3*	15.2	19.5	14.9	17.9*	10.6
	10 ft lb							74.4*	74.4*	54.8	58.3*	42.0	49.2*	33.3	39.5*	34'11"		
	1.5 m t							33.1	36.3*	24.0	28.1*	18.6	23.2*	14.7	19.0	10.6		
	5 ft lb							72.3	79.6*	52.6	61.7*	40.6	51.0*	32.9	42.1*	34'8"		
	0 m t							32.2	36.6*	23.3	28.6*	18.1	23.4*	15.1	19.5	10.3		
	0 ft lb							70.4	80.5*	51.1	62.9*	39.6	51.4*	33.8	43.6	33'8"		
	-1.5 m t							36.7*	36.7*	32.0	35.3*	23.0	27.9*	17.9	22.5*	16.2	20.0*	9.7
	-5 ft lb							84.5*	84.5*	69.6	77.5*	50.3	61.3*	39.2	49.2*	36.2	44.6*	31'11"
	-3.0 m t	36.6*	36.6*	40.8*	40.8*	32.1	32.2*	23.1	25.5*					18.4	19.8*	8.9		
	-10 ft lb	82.8*	82.8*	89.6*	89.6*	69.9	70.5*	50.5	55.7*					41.2	44.2*	29'1"		
-4.5 m t																18.8*	18.8*	7.7
-15 ft lb																41.9*	41.9*	25'
-6.0 m t																		
-20 ft lb																		

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

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

Stick 3.80 m / 12'6"

Under-carriage	Height	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		Max. reach		
		t	lb	t	lb	t	lb	t	lb	t	lb	t	lb		m	ft
10.5 m	t							18.2*	18.2*					16.7*	16.7*	7.7
35 ft	lb													37.4*	37.4*	24'8"
9.0 m	t									15.7*	15.7*			15.3*	15.3*	9.0
30 ft	lb													34.0*	34.0*	29'4"
7.5 m	t							19.4*	19.4*	18.5*	18.5*			14.6*	14.6*	10.0
25 ft	lb							43.0*	43.0*	41.2*	41.2*			32.4*	32.4*	32'6"
6.0 m	t							21.1*	21.1*	19.2*	19.2*	15.6*	15.6*	14.4*	14.4*	10.6
20 ft	lb							46.5*	46.5*	42.5*	42.5*			31.9*	31.9*	34'7"
4.5 m	t					28.4*	28.4*	23.3*	23.3*	20.1*	20.4*	15.7*	18.5*	14.5*	14.6*	11.0
15 ft	lb					62.3*	62.3*	51.3*	51.3*	43.9*	45.0*	34.2*	40.3*	32.3*	32.3*	35'11"
3.0 m	t					32.7*	32.7*	25.4*	25.6*	19.3*	21.6*	15.3*	19.1*	13.9*	15.1*	11.1
10 ft	lb					71.5*	71.5*	55.4*	56.4*	42.3*	47.8*	33.3*	42.3*	31.2*	33.4*	36'5"
1.5 m	t					33.4*	35.5*	24.2*	27.5*	18.6*	22.7*	14.9*	19.2*	13.8*	16.0*	11.0
5 ft	lb					73.1*	78.0*	53.0*	60.4*	40.8*	50.0*	32.5*	41.8*	30.8*	35.4*	36'2"
0 m	t					32.3*	36.6*	23.4*	28.4*	18.1*	23.2*	14.6*	18.9*	14.1*	17.5*	10.8
0 ft	lb					70.6*	80.3*	51.2*	62.4*	39.6*	51.1*	31.9*	41.2*	31.5*	38.7*	35'4"
-1.5 m	t			34.9*	34.9*	31.9*	35.8*	23.0*	28.1*	17.8*	22.8*			15.0*	19.0*	10.3
-5 ft	lb			80.1*	80.1*	69.5*	78.7*	50.2*	61.8*	39.0*	50.0*			33.5*	42.5*	33'7"
-3.0 m	t	32.7*	32.7*	43.2*	43.2*	31.9*	33.4*	22.9*	26.4*	17.8*	20.9*			16.7*	19.0*	9.5
-10 ft	lb	73.9*	73.9*	94.9*	94.9*	69.4*	73.2*	50.0*	57.8*	39.0*	45.2*			37.5*	42.5*	31'
-4.5 m	t	47.5*	47.5*	36.5*	36.5*	28.6*	28.6*	22.3*	22.3*					18.5*	18.5*	8.3
-15 ft	lb	103.7*	103.7*	79.6*	79.6*	62.3*	62.3*	48.0*	48.0*					41.2*	41.2*	27'11"
-6.0 m	t					19.5*	19.5*							17.0*	17.0*	6.5
-20 ft	lb													42.9*	42.9*	19'2"

Stick 4.70 m / 15'5"

Under-carriage	Height	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		Max. reach		
		t	lb	t	lb	t	lb	t	lb	t	lb	t	lb		m	ft
10.5 m	t													12.5*	12.5*	8.9
35 ft	lb													28.0*	28.0*	28'8"
9.0 m	t									15.7*	15.7*			11.6*	11.6*	10.1
30 ft	lb									33.9*	33.9*			25.9*	25.9*	32'8"
7.5 m	t									16.3*	16.3*	13.9*	13.9*	11.1*	11.1*	10.9
25 ft	lb									36.6*	36.6*	28.0*	28.0*	24.8*	24.8*	35'7"
6.0 m	t									17.3*	17.3*	16.3*	16.3*	11.0*	11.0*	11.5
20 ft	lb									40.4*	40.4*	38.6*	38.6*	34.8*	34.8*	37'6"
4.5 m	t					25.1*	25.1*	21.1*	21.1*	18.7*	18.7*	15.9*	17.1*	11.1*	11.1*	11.8
15 ft	lb					55.2*	55.2*	46.7*	46.7*	41.5*	41.5*	34.7*	38.2*	24.7*	24.7*	38'8"
3.0 m	t					29.8*	29.8*	23.7*	23.7*	19.6*	20.2*	15.3*	17.9*	11.5*	11.5*	12.0
10 ft	lb					65.5*	65.5*	52.5*	52.5*	42.9*	44.8*	33.7*	39.9*	25.5*	25.5*	39'2"
1.5 m	t					33.6*	33.6*	24.5*	26.0*	18.7*	21.6*	14.8*	18.7*	12.1*	12.1*	11.9
5 ft	lb					73.9*	73.9*	53.8*	57.5*	41.2*	47.8*	32.6*	41.5*	26.8*	26.8*	39'1"
0 m	t					32.6*	35.7*	23.5*	27.5*	18.0*	22.5*	14.4*	18.7*	12.4*	13.0*	11.6
0 ft	lb			59.2*	59.2*	71.4*	78.7*	51.6*	60.9*	39.7*	49.9*	31.7*	41.0*	27.9*	29.0*	38'2"
-1.5 m	t	18.1*	18.1*	32.4*	32.4*	31.7*	36.0*	22.8*	28.0*	17.6*	22.8*	14.2*	18.5*	13.0*	14.5*	11.2
-5 ft	lb	40.9*	40.9*	74.3*	74.3*	69.5*	79.5*	50.1*	61.9*	38.7*	50.3*	31.2*	40.4*	29.3*	32.3*	36'7"
-3.0 m	t	27.3*	27.3*	43.4*	43.4*	31.4*	34.7*	22.5*	27.2*	17.4*	21.9*			14.2*	16.9*	10.5
-10 ft	lb	61.9*	61.9*	99.6*	99.6*	68.8*	76.5*	49.5*	60.0*	38.3*	48.2*			32.1*	37.7*	34'2"
-4.5 m	t	39.2*	39.2*	41.2*	41.2*	31.5*	31.5*	22.6*	24.7*	17.6*	19.2*			16.6*	17.3*	9.4
-15 ft	lb	89.1*	89.1*	90.5*	90.5*	69.1*	69.1*	49.6*	54.1*	38.7*	41.3*			37.5*	39.0*	30'10"
-6.0 m	t	44.1*	44.1*	32.9*	32.9*	25.4*	25.4*	19.0*	19.0*					16.6*	16.6*	8.0
-20 ft	lb	95.7*	95.7*	71.3*	71.3*	54.9*	54.9*	40.2*	40.2*					37.1*	37.1*	25'11"

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





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

Lift Capacities

with Mono Boom 8.60 m/28'3", Counterweight 14.1 t/31,090 lb and Track Pads 750 mm/30"

Stick 3.30 m / 10'10"

Under-carriage	Height	3.0 m / 10 ft		4.5 m / 15 ft		6.0 m / 20 ft		7.5 m / 25 ft		9.0 m / 30 ft		10.5 m / 35 ft		12.0 m / 40 ft		13.5 m / 45 ft		m / ft in	
		Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage		
HD	12.0 m t																		
	40 ft lb																		
	10.5 m t									16.3*	16.3*						16.4*	16.4*	9.1
	35 ft lb																36.6*	36.6*	29'5"
	9.0 m t									15.9*	15.9*						15.5	15.8*	10.3
	30 ft lb									35.1*	35.1*						34.9	35.2*	33'5"
	7.5 m t							18.3*	18.3*	16.5*	16.5*	14.9	15.6*				13.3	15.5*	11.1
	25 ft lb							39.8*	39.8*	36.2*	36.2*	31.9	34.5*				29.8	34.5*	36'2"
	6.0 m t							20.4*	20.4*	17.6*	17.6*	14.5	16.0*				12.0	15.5*	11.6
	20 ft lb							44.3*	44.3*	38.5*	38.5*	31.2	35.2*				26.7	34.4*	38'1"
	4.5 m t							22.8*	22.8*	17.6	19.0*	13.9	16.7*				11.1	14.6	12.0
	15 ft lb							49.5*	49.5*	38.2	41.5*	30.2	36.7*				24.8	32.4	39'4"
	3.0 m t							21.5	24.9*	16.7	20.3*	13.4	17.5*	10.9	14.3		10.7	14.0	12.1
	10 ft lb							46.7	54.1*	36.3	44.3*	29.0	38.0				23.7	31.1	39'10"
	1.5 m t							20.5	26.3*	16.0	21.3*	12.9	17.1	10.6	14.0		10.5	13.9	12.1
	5 ft lb							44.5	57.2*	34.8	46.2	28.0	37.0				23.4	30.9	39'7"
	0 m t							19.9	26.7*	15.5	20.8	12.6	16.7				10.7	14.2	11.8
	0 ft lb							43.3	58.4*	33.8	45.1	27.4	36.3				23.8	31.5	38'10"
-1.5 m t				27.6	31.7*	19.7	26.3*	15.3	20.6	12.4	16.6					11.3	15.0	11.4	
-5 ft lb				59.8	71.8*	42.8	57.6*	33.3	44.6	27.1	36.0					25.1	33.3	37'2"	
-3.0 m t		27.4*	27.4*	27.9	30.7*	19.8	25.1*	15.3	20.6	12.6	16.7					12.4	16.3*	10.7	
-10 ft lb		63.2*	63.2*	60.4	67.4*	43.0	54.9*	33.4	44.7							27.7	36.3*	34'11"	
-4.5 m t		33.3*	33.3*	27.6*	27.6*	20.2	22.7*	15.7	18.3*							14.5	16.1*	9.7	
-15 ft lb		73.1*	73.1*	60.4*	60.4*	43.9	49.5*	34.3	39.5*							32.5	35.9*	31'6"	
-6.0 m t		26.9*	26.9*	22.6*	22.6*	18.1*	18.1*									15.2*	15.2*	8.3	
-20 ft lb		58.7*	58.7*	48.9*	48.9*	38.6*	38.6*									33.8*	33.8*	26'8"	
-7.5 m t																			
-25 ft lb																			
-9.0 m t																			
-30 ft lb																			
LC-V	12.0 m t																		
	40 ft lb																		
	10.5 m t									16.2*	16.2*						16.4*	16.4*	9.1
	35 ft lb																36.5*	36.5*	29'5"
	9.0 m t									15.9*	15.9*						15.8*	15.8*	10.3
	30 ft lb									35.2*	35.2*						35.1*	35.1*	33'5"
	7.5 m t							18.5*	18.5*	16.6*	16.6*	15.6*	15.6*				13.9	15.5*	11.1
	25 ft lb							40.2*	40.2*	36.4*	36.4*	33.5	34.5*				31.1	34.5*	36'2"
	6.0 m t							20.6*	20.6*	17.8*	17.8*	15.2	16.1*				12.6	15.5*	11.6
	20 ft lb							44.7*	44.7*	38.8*	38.8*	32.8	35.4*				28.0	34.4*	38'1"
	4.5 m t							23.0*	23.0*	18.5	19.1*	14.6	16.8*	11.7	15.5*		11.7	15.5*	12.0
	15 ft lb							49.9*	49.9*	40.0	41.7*	31.7	36.9*				26.1	34.5*	39'4"
	3.0 m t							22.6	25.0*	17.6	20.4*	14.1	17.6*	11.5	15.8*		11.3	15.6*	12.1
	10 ft lb							49.0	54.5*	38.1	44.5*	30.6	38.5*				25.1	34.8*	39'10"
	1.5 m t							21.6	26.3*	16.9	21.3*	13.6	18.1*	11.3	15.9*		11.2	15.8*	12.1
	5 ft lb							46.9	57.4*	36.7	46.6*	29.6	39.7*				24.9	35.2*	39'7"
	0 m t							21.0	26.7*	16.4	21.8*	13.3	18.4*				11.4	16.0*	11.8
	0 ft lb							45.7	58.4*	35.7	47.6*	29.0	40.2*				25.4	35.7*	38'10"
-1.5 m t				29.2	32.6*	20.9	26.3*	16.2	21.6*	13.2	18.0*					12.0	16.2*	11.4	
-5 ft lb				63.2	71.5*	45.3	57.5*	35.3	47.2*	28.8	39.4*					26.8	36.2*	37'2"	
-3.0 m t		28.9*	28.9*	29.4	30.5*	21.0	24.9*	16.3	20.5*	13.4	16.6*					13.3	16.3*	10.7	
-10 ft lb		66.5*	66.5*	63.8	66.9*	45.6	54.6*	35.4	44.8*							29.7	36.3*	34'11"	
-4.5 m t		32.8*	32.8*	27.3*	27.3*	21.4	22.4*	16.7	18.0*							15.6	16.1*	9.7	
-15 ft lb		72.1*	72.1*	59.6*	59.6*	46.5	48.8*	36.5	38.8*							34.9	35.8*	31'6"	
-6.0 m t		26.2*	26.2*	22.0*	22.0*	17.5*	17.5*									15.1*	15.1*	8.3	
-20 ft lb		57.1*	57.1*	47.5*	47.5*	37.0*	37.0*									33.4*	33.4*	26'8"	
-7.5 m t																			
-25 ft lb																			
-9.0 m t																			
-30 ft lb																			

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

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

Stick 3.80 m / 12'6"

Under-carriage	Height	3.0 m 10 ft		4.5 m 15 ft		6.0 m 20 ft		7.5 m 25 ft		9.0 m 30 ft		10.5 m 35 ft		12.0 m 40 ft		13.5 m 45 ft		m ft in				
		Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Max. reach	* Limited by hydr. capacity			
HD	12.0 m t																		16.3*	16.3*	8.3	
	40 ft lb																					
	10.5 m t									15.0*	15.0*								15.3*	15.3*	9.8	
	35 ft lb									33.5*	33.5*								34.0*	34.0*	31'6"	
	9.0 m t									15.0*	15.0*	14.7*	14.7*						14.2	14.8*	10.8	
	30 ft lb									32.9*	32.9*	32.5	32.8*						32.0	32.9*	35'4"	
	7.5 m t									15.7*	15.7*	14.8*	14.8*						12.4	14.6*	11.6	
	25 ft lb									34.3*	34.3*	32.4	32.6*						27.7	32.3*	37'11"	
	6.0 m t								19.4*	19.4*	16.9*	16.9*	14.6	15.3*	11.5	14.6*			11.2	14.5*	12.1	
	20 ft lb								42.0*	42.0*	36.8*	36.8*	31.5	33.7*					25.0	31.9*	39'10"	
	4.5 m t								21.8*	21.8*	17.9	18.3*	14.0	16.2*	11.2	14.7			10.4	13.7	12.5	
	15 ft lb								47.4*	47.4*	38.6	39.9*	30.4	35.4*	24.2	31.6			23.2	30.4	40'11"	
	3.0 m t								21.8	24.1*	16.9	19.7*	13.4	17.0*	10.9	14.3			10.0	13.2	12.6	
	10 ft lb								47.4	52.4*	36.6	43.0*	29.1	37.2*	23.6	30.9			22.3	29.3	41'4"	
	1.5 m t								20.7	25.7*	16.1	20.8*	12.9	17.1	10.6	14.0			9.9	13.1	12.5	
	5 ft lb								44.9	56.0*	34.9	45.5*	28.0	37.0	23.0	30.3			22.0	29.0	41'2"	
	0 m t								19.9	26.5*	15.5	20.8	12.5	16.7	10.4	13.8			10.0	13.3	12.3	
	0 ft lb								43.3	57.8*	33.7	45.1	27.2	36.2	22.6	29.9			22.3	29.5	40'5"	
-1.5 m t						27.4	31.2*	19.6	26.4*	15.2	20.5	12.3	16.5					10.5	13.9	11.9		
-5 ft lb						59.3	73.0*	42.6	57.8*	33.1	44.4	26.8	35.7					23.4	31.0	38'11"		
-3.0 m t			25.7*	25.7*	27.5	31.6*	19.6	25.5*	15.1	20.4	12.3	16.5						11.4	15.2	11.2		
-10 ft lb			59.0*	59.0*	59.7	69.3*	42.6	55.8*	33.0	44.3	26.9	35.8						25.5	33.8	36'7"		
-4.5 m t	29.5*	29.5*	35.8*	35.8*	28.0	28.9*	19.9	23.5*	15.4	19.2*								13.1	15.5*	10.3		
-15 ft lb	67.1*	67.1*	78.6*	78.6*	60.7	63.2*	43.2	51.3*	33.6	41.7*								29.4	34.6*	33'6"		
-6.0 m t			30.0*	30.0*	24.5*	24.5*	19.9*	19.9*										15.0*	15.0*	9.0		
-20 ft lb			65.4*	65.4*	53.3*	53.3*	42.8*	42.8*										33.4*	33.4*	29'		
-7.5 m t																						
-25 ft lb																						
-9.0 m t																						
-30 ft lb																						
LC-V	12.0 m t																		16.1*	16.1*	8.3	
	40 ft lb																					
	10.5 m t									15.0*	15.0*								15.2*	15.2*	9.8	
	35 ft lb									33.3*	33.3*								33.9*	33.9*	31'6"	
	9.0 m t									15.0*	15.0*	14.6*	14.6*						14.8*	14.8*	10.8	
	30 ft lb									33.0*	33.0*	32.7*	32.7*						32.8*	32.8*	35'4"	
	7.5 m t									15.8*	15.8*	14.8*	14.8*						12.9	14.6*	11.6	
	25 ft lb									34.5*	34.5*	32.6*	32.6*						28.9	32.3*	37'11"	
	6.0 m t								19.6*	19.6*	17.0*	17.0*	15.3	15.4*	12.1	14.6*			11.8	14.5*	12.1	
	20 ft lb								42.5*	42.5*	37.1*	37.1*	33.1	33.8*					26.2	31.9*	39'10"	
	4.5 m t								22.0*	22.0*	18.4*	18.4*	14.8	16.2*	11.8	14.9*			11.0	14.6*	12.5	
	15 ft lb								47.8*	47.8*	40.2*	40.2*	31.9	35.6*	25.6	32.8*			24.5	32.2*	40'11"	
	3.0 m t								22.9	24.3*	17.7	19.8*	14.2	17.1*	11.5	15.3*			10.6	14.8*	12.6	
	10 ft lb								49.6	52.8*	38.4	43.2*	30.7	37.4*	24.9	33.6*			23.6	32.9*	41'4"	
	1.5 m t								21.7	25.8*	16.9	20.9*	13.6	17.8*	11.2	15.6*			10.5	15.0*	12.5	
	5 ft lb								47.2	56.3*	36.8	45.7*	29.6	38.9*	24.3	34.3*			23.3	33.3*	41'2"	
	0 m t								21.1	26.5*	16.4	21.5*	13.3	18.2*	11.0	15.7*			10.7	15.2*	12.3	
	0 ft lb								45.7	57.9*	35.6	47.1*	28.8	39.7*	24.0	34.2*			23.8	33.9*	40'5"	
-1.5 m t						28.9	32.3*	20.8	26.4*	16.1	21.6*	13.1	18.1*					11.2	15.4*	11.9		
-5 ft lb						62.7	72.8*	45.1	57.7*	35.0	47.1*	28.5	39.5*					25.0	34.3*	38'11"		
-3.0 m t			26.9*	26.9*	29.1	31.5*	20.8	25.4*	16.1	20.8*	13.1	17.2*						12.2	15.5*	11.2		
-10 ft lb			61.6*	61.6*	63.1	68.9*	45.1	55.5*	35.0	45.5*	28.6	37.3*						27.3	34.7*	36'7"		
-4.5 m t	30.7*	30.7*	35.4*	35.4*	28.6*	28.6*	21.1	23.3*	16.3	19.0*								14.1	15.5*	10.3		
-15 ft lb	69.7*	69.7*	77.6*	77.6*	62.5*	62.5*	45.8	50.8*	35.6	41.1*								31.6	34.6*	33'6"		
-6.0 m t			29.4*	29.4*	24.0*	24.0*	19.4*	19.4*										14.9*	14.9*	9.0		
-20 ft lb			63.9*	63.9*	52.2*	52.2*	41.8*	41.8*										33.2*	33.2*	29'		
-7.5 m t																						
-25 ft lb																						
-9.0 m t																						
-30 ft lb																						

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

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

Lift Capacities

with Mono Boom 8.60 m/28'3", Counterweight 14.1 t/31,090 lb and Track Pads 750 mm/30"

















Stick 4.70 m / 15'5"




Under-carriage	↕	3.0 m 10 ft		4.5 m 15 ft		6.0 m 20 ft		7.5 m 25 ft		9.0 m 30 ft		10.5 m 35 ft		12.0 m 40 ft		13.5 m 45 ft		m ft in			
		↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	
HD	12.0 m t																	13.2*	13.2*	9.5	
	40 ft lb																		29,7*	29,7*	30'7"
	10.5 m t											13.2*	13.2*					12.1*	12.1*	10.9	
	35 ft lb											28,1*	28,1*					27,0*	27,0*	35'2"	
	9.0 m t											12.9*	12.9*					11.4*	11.4*	11.8	
	30 ft lb											28,8*	28,8*					25,5*	25,5*	38'7"	
	7.5 m t													11.9	12.9*			10.8	11.1*	12.5	
	25 ft lb													30,9*	30,9*	29,4*	29,4*	25,7	28,9*	41'	
	6.0 m t													15.3*	15.3*	14.0*	14.0*	11.7	13.2*	13.0	
	20 ft lb													33,6*	33,6*	30,9*	30,9*	25,3	29,4*	42'8"	
	4.5 m t								19.8*	19.8*	16.8*	16.8*	14.2	14.9*	11.3	13.7*		9.2	11.1*	13.3	
	15 ft lb								43,3*	43,3*	36,9*	36,9*	30,8	32,9*	24,6	30,4*		20,7	24,7*	43'8"	
	3.0 m t								22.3*	22.3*	17.1	18.4*	13.5	15.9*	10.9	14.3*		8.8	11.4*	13.5	
	10 ft lb								48,7	48,9*	37,3	40,4*	29,5	35,1*	23,7	31,1		19,9	25,2*	44'2"	
	1.5 m t								20.9	24.4*	16.2	19.8*	12.9	16.8*	10.5	13.9		8.7	11.6	13.4	
	5 ft lb								45,7	53,4*	35,3	43,4*	28,2	37,1*	22,9	30,3		19,6	26,0	44'	
	0 m t								20.0	25.7*	15.5	20.7*	12.4	16.6	10.2	13.6		8.8	11.8	13.2	
	0 ft lb								43,6	56,3*	33,8	45,2	27,1	36,1	22,3	29,6		19,8	26,3	43'4"	
-1.5 m t						27.0	30.3*	19.4	26.1*	15.0	20.3	12.1	16.2	10.0	13.4		9.1	12.2	12.8		
-5 ft lb						58,9	70,7*	42,4	57,4*	32,8	44,2	26,4	35,3	21,9	29,2		20,6	27,4	41'11"		
-3.0 m t				22.8*	22.8*	26.9	32.6*	19.2	25.7*	14.8	20.1	11.9	16.1	10.0	13.4		9.8	13.2	12.2		
-10 ft lb				52,4*	52,4*	58,7	71,7*	42,0	56,6*	32,4	43,7	26,2	35,1				22,1	29,5	39'10"		
-4.5 m t	24.2*	24.2*	33.4*	33.4*	27.2	30.6*	19.3	24.5*	14.8	20.0*	12.0	16.2					11.0	14.2*	11.3		
-15 ft lb	55,0*	55,0*	76,7*	76,7*	59,3	67,2*	42,2	53,7*	32,6	43,8*	26,5	35,4					24,9	32,0*	36'11"		
-6.0 m t	35.2*	35.2*	34.5*	34.5*	27.2*	27.2*	19.7	21.9*	15.2	17.6*							13.1	14.1*	10.1		
-20 ft lb	80,3*	80,3*	75,7*	75,7*	59,6*	59,6*	43,2	47,9*	33,5	38,2*							29,8	31,7*	33'		
-7.5 m t			27.2*	27.2*	21.7*	21.7*	17.1*	17.1*									13.3*	13.3*	8.6		
-25 ft lb			58,9*	58,9*	47,0*	47,0*	36,3*	36,3*									29,8*	29,8*	27'7"		
-9.0 m t																					
-30 ft lb																					
LC-V	12.0 m t																	13.1*	13.1*	9.5	
	40 ft lb																	29,4*	29,4*	30'7"	
	10.5 m t												13.1*	13.1*				12.0*	12.0*	10.9	
	35 ft lb												29,5*	29,5*				26,8*	26,8*	35'2"	
	9.0 m t												12.9*	12.9*				11.4*	11.4*	11.8	
	30 ft lb												28,8*	28,8*				25,4*	25,4*	38'7"	
	7.5 m t												14.1*	14.1*	13.3*	13.3*	12.6	12.9*		12.5	
	25 ft lb												31,1*	31,1*	29,5*	29,5*	27,1	28,9*		41'	
	6.0 m t							17.5*	17.5*	15.4*	15.4*	14.1*	14.1*	12.3	13.2*			10.4	11.0*	13.0	
	20 ft lb							38,2*	38,2*	33,9*	33,9*	31,1*	31,1*	26,6	29,4*			23,3	24,5*	42'8"	
	4.5 m t							20.1*	20.1*	17.0*	17.0*	14.9	15.0*	11.9	13.8*			9.7	11.1*	13.3	
	15 ft lb							43,8*	43,8*	37,2*	37,2*	32,4	33,1*	25,9	30,5*			21,9	24,7*	43'8"	
	3.0 m t							22.6*	22.6*	17.9	18.5*	14.2	16.0*	11.5	14.3*			9.4	11.4*	13.5	
	10 ft lb							49,3*	49,3*	39,1	40,7*	31,0	35,3*	25,1	31,7*			21,1	25,3*	44'2"	
	1.5 m t							22.0	24.5*	17.0	19.9*	13.6	16.9*	11.1	14.9*			9.3	11.9*	13.4	
	5 ft lb							48,0	53,7*	37,1	43,6*	29,7	37,2*	24,3	32,9*			20,8	26,4*	44'	
	0 m t							21.1	25.7*	16.3	20.8*	13.1	17.5*	10.8	15.2*			9.4	12.6*	13.2	
	0 ft lb							46,0	56,5*	35,7	45,7*	28,7	38,6*	23,6	33,5*			21,1	28,0*	43'4"	
-1.5 m t						28.5	31.0*	20.5	26.1*	15.9	21.2*	12.8	17.8*	10.6	15.2*			9.8	13.7*	12.8	
-5 ft lb						62,2	72,3*	44,9	57,4*	34,8	46,6*	28,1	39,1*	23,3	33,3*			22,0	30,4*	41'11"	
-3.0 m t								20.3	25.7*	15.7	20.9*	12.7	17.4*	10.6	14.4*			10.5	14.1*	12.2	
-10 ft lb				23.7*	23.7*	28.5	32.4*	44,5	56,4*	34,4	46,0*	27,8	38,3*				23,7	31,8*	39'10"		
-4.5 m t	25.0*	25.0*	34.5*	34.5*	28.8	30.3*	20.5	24.3*	15.8	19.8*	12.8	16.2*					11.8	14.2*	11.3		
-15 ft lb	56,9*	56,9*	79,2*	79,2*	62,8	66,7*	44,8	53,3*	34,6	43,5*	28,2	35,2*					26,8	32,0*	36'11"		
-6.0 m t	36.4*	36.4*	34.0*	34.0*	26.8*	26.8*	20.9	21.6*	16.2	17.3*							14.1*	14.1*	10.1		
-20 ft lb	82,9*	82,9*	74,5*	74,5*	58,8*	58,8*	45,8	47,2*	35,6	37,4*							31,6*	31,6*	33'		
-7.5 m t			26.3*	26.3*	21.1*	21.1*	16.4*	16.4*									13.2*	13.2*	8.6		
-25 ft lb			57,0*	57,0*	45,5*	45,5*	34,8*	34,8*									29,5*	29,5*	27'7"		
-9.0 m t																					
-30 ft lb																					

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

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

Stick 5.80 m / 19'

Under-carriage	3.0 m 10 ft		4.5 m 15 ft		6.0 m 20 ft		7.5 m 25 ft		9.0 m 30 ft		10.5 m 35 ft		12.0 m 40 ft		13.5 m 45 ft		m ft in			
																				
12.0 m t												11.8*	11.8*					9.9*	9.9*	11.0
40 ft lb												23,8*	23,8*					22,1*	22,1*	35'6"
10.5 m t														10.1*	10.1*			9.2*	9.2*	12.2
35 ft lb																		20,4*	20,4*	39'6"
9.0 m t														11.6*	11.6*			8.8*	8.8*	13.0
30 ft lb														25,6*	25,6*			19,5*	19,5*	42'6"
7.5 m t												12.1*	12.1*			9.8*	9.8*	8.6*	8.6*	13.7
25 ft lb												26,4*	26,4*			25,9*	25,9*	19,0*	19,0*	44'8"
6.0 m t														12.9*	12.9*	9.9	11.8*	8.5*	8.5*	14.1
20 ft lb														28,2*	28,2*	21,1	24,1*	18,8*	18,8*	46'4"
4.5 m t							18.0*	18.0*	15.6*	15.6*	14.0*	14.0*	12.0	13.0*	9.7	12.3*	8.4	8.6*	14.4	
15 ft lb							38,7*	38,7*	33,8*	33,8*	30,5*	30,5*	25,7	28,3*	20,6	26,9	18,6	18,9*	47'2"	
3.0 m t							20.8*	20.8*	17.4*	17.4*	14.3	15.2*	11.5	13.7*	9.4	12.3	8.1	8.8*	14.5	
10 ft lb							44,9*	44,9*	37,7*	37,7*	30,7	33,1*	24,7	29,9*	20,0	26,3	17,9	19,3*	47'7"	
1.5 m t							22.3	23.3*	17.1	19.0*	13.6	16.3*	11.0	14.5*	9.1	12.0	8.0	9.1*	14.5	
5 ft lb							48,0	50,5*	36,8	41,3*	29,2	35,5*	23,7	31,1	19,5	25,7	17,6	20,0*	47'6"	
0 m t							21.0	25.2*	16.2	20.4*	13.0	17.2	10.6	14.1	8.8	11.7	8.0	9.6*	14.3	
0 ft lb							45,3	54,6*	35,0	44,2*	28,0	36,9	22,8	30,2	18,9	25,2	17,8	21,1*	46'10"	
-1.5 m t					27.9	30.2*	20.2	26.3*	15.6	20.9	12.5	16.7	10.3	13.7	8.6	11.5	8.3	10.3*	13.9	
-5 ft lb					60,1	70,2*	43,5	57,0*	33,6	45,0	27,0	35,9	22,2	29,5	18,6	24,8	18,3	22,7*	45'6"	
-3.0 m t			20.4*	20.4*	27.5	34.1*	19.7	26.5*	15.2	20.5	12.2	16.4	10.1	13.5			8.8	11.3*	13.3	
-10 ft lb			46,5*	46,5*	59,2	74,0*	42,5	57,6*	32,8	44,1	26,4	35,3	21,9	29,2			19,4	24,9*	43'8"	
-4.5 m t	19.9*	19.9*	27.8*	27.8*	27.5	32.9*	19.6	25.9*	15.1	20.4	12.1	16.3	10.1	13.5			9.6	12.7*	12.6	
-15 ft lb	45,0*	45,0*	63,5*	63,5*	59,2	71,5*	42,2	56,3*	32,5	43,8	26,2	35,1	22,0	29,3			21,3	28,3*	41'1"	
-6.0 m t	27.7*	27.7*	37.9*	37.9*	27.8	30.6*	19.7	24.4*	15.2	19.8*	12.3	16.2*					11.0	13.5*	11.5	
-20 ft lb	62,9*	62,9*	86,8*	86,8*	59,9	66,3*	42,6	52,7*	32,8	42,8*	26,7	34,6*					24,5	29,9*	37'7"	
-7.5 m t	38.2*	38.2*	34.4*	34.4*	26.7*	26.7*	20.2	21.3*	15.6	17.0*							13.3*	13.3*	10.2	
-25 ft lb	87,3*	87,3*	74,0*	74,0*	57,4*	57,4*	43,8	45,7*	34,0	35,9*							29,4*	29,4*	32'11"	
-9.0 m t			25.7*	25.7*	20.1*	20.1*	15.3*	15.3*									12.3*	12.3*	8.3	
-30 ft lb			54,0*	54,0*	42,1*	42,1*	31,1*	31,1*									27,1*	27,1*	26'6"	
12.0 m t												24,7*	24,7*					9,8*	9,8*	11,0
40 ft lb																		21,9*	21,9*	35'6"
10.5 m t														10.5*	10.5*			9.2*	9.2*	12.2
35 ft lb																		20,3*	20,3*	39'6"
9.0 m t														11.6*	11.6*			8.8*	8.8*	13.0
30 ft lb														25,6*	25,6*			19,4*	19,4*	42'6"
7.5 m t												12.1*	12.1*	11.8*	11.8*	10.0*	10.0*	8.6*	8.6*	13.7
25 ft lb												26,5*	26,5*	26,0*	26,0*			18,9*	18,9*	44'8"
6.0 m t												13.0*	13.0*	12.4*	12.4*	10.4	11.9*	8.5*	8.5*	14.1
20 ft lb												28,4*	28,4*	27,0*	27,0*	22,3	24,4*	18,8*	18,8*	46'4"
4.5 m t							18.2*	18.2*	15.7*	15.7*	14.1*	14.1*	12.6	13.0*	10.2	12.3*	8.6*	8.6*	14.4	
15 ft lb							39,3*	39,3*	34,1*	34,1*	30,7*	30,7*	27,0	28,5*	21,8	27,0*	18,9*	18,9*	47'2"	
3.0 m t							21.0*	21.0*	17.5*	17.5*	15.0	15.3*	12.1	13.8*	9.9	12.8*	8.6	8.8*	14.5	
10 ft lb							45,4*	45,4*	38,0*	38,0*	32,2	33,3*	26,0	30,1*	21,2	27,9*	19,1	19,4*	47'7"	
1.5 m t							23.3	23.5*	18.0	19.2*	14.3	16.4*	11.7	14.5*	9.6	13.2*	8.5	9.1*	14.5	
5 ft lb							50,2	50,9*	38,6	41,6*	30,8	35,7*	25,0	31,7*	20,6	28,7*	18,8	20,1*	47'6"	
0 m t							22.1	25.3*	17.1	20.5*	13.7	17.3*	11.3	15.1*	9.4	13.5*	8.6	9.6*	14.3	
0 ft lb							47,6	54,9*	36,8	44,4*	29,5	37,6*	24,2	32,9*	20,2	29,3*	19,0	21,2*	46'10"	
-1.5 m t					29.4	30.5*	21.3	26.3*	16.5	21.3*	13.3	17.9*	10.9	15.4*	9.2	13.4*	8.9	10.3*	13.9	
-5 ft lb					63,4	71,0*	45,9	57,1*	35,5	46,3*	28,6	38,9*	23,6	33,6*	19,9	26,2*	19,6	22,8*	45'6"	
-3.0 m t	14.1*	14.1*	21.0*	21.0*	29.0	34.0*	20.9	26.5*	16.1	21.5*	13.0	18.0*	10.8	15.4*			9.4	11.4*	13.3	
-10 ft lb	31,8*	31,8*	47,8*	47,8*	62,5	73,9*	45,0	57,6*	34,8	46,8*	28,0	39,2*	23,3	33,3*			20,8	25,1*	43'8"	
-4.5 m t	20.5*	20.5*	28.6*	28.6*	29.0	32.7*	20.7	25.9*	16.0	21.1*	12.9	17.5*	10.8	14.5*			10.3	12.9*	12.6	
-15 ft lb	46,4*	46,4*	65,2*	65,2*	62,5	71,1*	44,7	56,1*	34,5	45,7*	27,9	37,9*	23,4	31,0*			22,9	28,6*	41'1"	
-6.0 m t	28.5*	28.5*	39.0*	39.0*	29.4	30.3*	20.9	24.2*	16.1	19.7*	13.1	16.0*					11.8	13.5*	11.5	
-20 ft lb	64,6*	64,6*	85,9*	85,9*	63,4	65,7*	45,2	52,3*	34,9	42,4*	28,4	34,1*					26,4	29,9*	37'7"	
-7.5 m t	39.4*	39.4*	33.8*	33.8*	26.2*	26.2*	20.9*	20.9*	16.6*	16.6*							13.3*	13.3*	10.2	
-25 ft lb	89,9*	89,9*	72,6*	72,6*	56,4*	56,4*	44,9*	44,9*	35,0*	35,0*							29,3*	29,3*	32'11"	
-9.0 m t			24.7*	24.7*	19.3*	19.3*	14.5*	14.5*									12.2*	12.2*	8.3	
-30 ft lb					40,3*	40,3*	29,0*	29,0*									28,6*	28,6*	26'6"	

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

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

Lift Capacities

with Mono Boom 8.60 m/28'3", Counterweight 16.0 t/35,270 lb and Track Pads 750 mm/30"

Stick 3.30 m / 10'10"

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

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

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

Stick 3.80 m / 12'6"

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

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

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

Lift Capacities

with Mono Boom 8.60 m/28'3", Counterweight 16.0 t/35,270 lb and Track Pads 750 mm/30"

















Stick 4.70 m / 15'5"




Under-carriage	3.0 m 10 ft	4.5 m 15 ft	6.0 m 20 ft	7.5 m 25 ft	9.0 m 30 ft	10.5 m 35 ft	12.0 m 40 ft	13.5 m 45 ft	m								
									ft	in	ft						
HD	12.0 m t								13.2*	13.2*	9.5						
	40 ft lb								29,7*	29,7*	30'7"						
	10.5 m t						13.2*	13.2*	12.1*	12.1*	10.9						
	35 ft lb						28,1*	28,1*	27,0*	27,0*	35'2"						
	9.0 m t						12.9*	12.9*	11.4*	11.4*	11.8						
	30 ft lb						28,8*	28,8*	25,5*	25,5*	38'7"						
	7.5 m t						13.3*	13.3*	12.8	12.9*	11.1*	11.1*	12.5				
	25 ft lb						30,9*	30,9*	29,4*	29,4*	24,8*	24,8*	41'				
	6.0 m t						15.3*	15.3*	14.0*	14.0*	12.5	13.2*	10.6	11.0*	13.0		
	20 ft lb						33,6*	33,6*	30,9*	30,9*	27,1	29,4*	23,8	24,5*	42'8"		
	4.5 m t				19.8*	19.8*	16.8*	16.8*	14.9*	14.9*	12.1	13.7*	10.0	11.1*	13.3		
	15 ft lb				43,3*	43,3*	36,9*	36,9*	32,9*	32,9*	26,4	30,4*	22,4	24,7*	43'8"		
	3.0 m t				22.3*	22.3*	18.3	18.4*	14.5	15.9*	11.7	14.3*	9.6	11.4*	13.5		
	10 ft lb				48,9*	48,9*	39,9	40,4*	31,6	35,1*	25,6	31,6*	21,5	25,2*	44'2"		
	1.5 m t				22.5	24.4*	17.4	19.8*	13.9	16.8*	11.3	14.8*	9.4	11.8*	13.4		
	5 ft lb				49,0	53,4*	37,9	43,4*	30,3	37,1*	24,8	32,3	21,2	26,2*	44'		
	0 m t				21.5	25.7*	16.7	20.7*	13.4	17.5*	11.0	14.5	9.5	12.5*	13.2		
	0 ft lb				46,9	56,3*	36,4	45,6*	29,3	38,5	24,1	31,7	21,5	27,8*	43'4"		
-1.5 m t			29.1	30.3*	20.9	26.1*	16.2	21.2*	13.1	17.3	10.8	14.3	9.9	13.1	12.8		
-5 ft lb			63,4	70,7*	45,7	57,4*	35,4	46,6*	28,6	37,8	23,7	27,8*	22,3	29,4	41'11"		
-3.0 m t		22.8*	22.8*	29.0	32.6*	20.7	25.7*	16.0	21.0*	12.9	17.2	10.8	14.3	10.6	14.1	12.2	
-10 ft lb		52,4*	52,4*	63,3	71,7*	45,3	56,6*	35,0	46,2*	28,3	37,5	24,0	31,6	39'10"			
-4.5 m t	24.2*	24.2*	33.4*	33.4*	29.3	30.6*	20.8	24.5*	16.0	20.0*	13.0	16.3*	11.9	14.2*	11.3		
-15 ft lb	55,0*	55,0*	76,7*	76,7*	63,9	67,2*	45,5	53,7*	35,2	43,8*	28,7	35,6*	26,9	32,0*	36'11"		
-6.0 m t	35.2*	35.2*	34.5*	34.5*	27.2*	27.2*	21.2	21.9*	16.4	17.6*			14.1*	14.1*	10.1		
-20 ft lb	80,3*	80,3*	75,7*	75,7*	59,6*	59,6*	46,5	47,9*	36,1	38,2*			31,7*	31,7*	33'		
-7.5 m t			27.2*	27.2*	21.7*	21.7*	17.1*	17.1*					13.3*	13.3*	8.6		
-25 ft lb			58,9*	58,9*	47,0*	47,0*	36,3*	36,3*					29,8*	29,8*	27'7"		
-9.0 m t																	
-30 ft lb																	
LC-V	12.0 m t											13.1*	13.1*	9.5			
	40 ft lb											29,4*	29,4*	30'7"			
	10.5 m t								13.1*	13.1*			12.0*	12.0*	10.9		
	35 ft lb								29,5*	29,5*			26,8*	26,8*	35'2"		
	9.0 m t								12.9*	12.9*			11.4*	11.4*	11.8		
	30 ft lb								28,8*	28,8*			25,4*	25,4*	38'7"		
	7.5 m t								14.1*	14.1*	13.3*	13.3*	12.9*	12.9*	11.1*	11.1*	12.5
	25 ft lb								31,1*	31,1*	29,5*	29,5*	28,9*	28,9*	24,7*	24,7*	41'
	6.0 m t				17.5*	17.5*	15.4*	15.4*	14.1*	14.1*	13.1	13.2*	11.0*	11.0*	13.0		
	20 ft lb				38,2*	38,2*	33,9*	33,9*	31,1*	31,1*	28,5	29,4*	24,5*	24,5*	42'8"		
	4.5 m t				20.1*	20.1*	17.0*	17.0*	15.0*	15.0*	12.8	13.8*	10.5	11.1*	13.3		
	15 ft lb				43,8*	43,8*	37,2*	37,2*	33,1*	33,1*	27,7	30,5*	23,5	24,7*	43'8"		
	3.0 m t				22.6*	22.6*	18.5*	18.5*	15.2	16.0*	12.3	14.3*	10.1	11.4*	13.5		
	10 ft lb				49,3*	49,3*	40,7*	40,7*	33,1	35,3*	26,9	31,7*	22,7	25,3*	44'2"		
	1.5 m t				23.5	24.5*	18.2	19.9*	14.6	16.9*	11.9	14.9*	10.0	11.9*	13.4		
	5 ft lb				51,3	53,7*	39,8	43,6*	31,9	37,2*	26,1	32,9*	22,5	26,4*	44'		
	0 m t				22.6	25.7*	17.5	20.8*	14.1	17.5*	11.6	15.2*	10.2	12.6*	13.2		
	0 ft lb				49,3	56,5*	38,3	45,7*	30,9	38,6*	25,5	33,5*	22,8	28,0*	43'4"		
-1.5 m t			30.6	31.0*	22.1	26.1*	17.1	21.2*	13.8	17.8*	11.5	15.2*	10.6	13.7*	12.8		
-5 ft lb			66,7	72,3*	48,2	57,4*	37,4	46,6*	30,2	39,1*	25,1	33,3*	23,8	30,4*	41'11"		
-3.0 m t		23.7*	23.7*	30.6	32.4*	21.9	25.7*	16.9	20.9*	13.7	17.4*	11.4	14.1*	12.2			
-10 ft lb		54,2*	54,2*	66,6	71,4*	47,8	56,4*	37,0	46,0*	30,0	38,3*	25,6	31,8*	39'10"			
-4.5 m t	25.0*	25.0*	34.5*	34.5*	30.3*	30.3*	22.0	24.3*	17.0	19.8*	13.8	16.2*	12.8	14.2*	11.3		
-15 ft lb	56,9*	56,9*	79,2*	79,2*	66,7*	66,7*	48,1	53,3*	37,2	43,5*	30,4	35,2*	28,8	32,0*	36'11"		
-6.0 m t	36.4*	36.4*	34.0*	34.0*	26.8*	26.8*	21.6*	21.6*	17.3*	17.3*			14.1*	14.1*	10.1		
-20 ft lb	82,9*	82,9*	74,5*	74,5*	58,8*	58,8*	47,2*	47,2*	37,4*	37,4*			31,6*	31,6*	33'		
-7.5 m t			26.3*	26.3*	21.1*	21.1*	16.4*	16.4*					13.2*	13.2*	8.6		
-25 ft lb			57,0*	57,0*	45,5*	45,5*	34,8*	34,8*					29,5*	29,5*	27'7"		
-9.0 m t																	
-30 ft lb																	

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

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

Stick 5.80 m / 19'

Under-carriage	3.0 m 10 ft		4.5 m 15 ft		6.0 m 20 ft		7.5 m 25 ft		9.0 m 30 ft		10.5 m 35 ft		12.0 m 40 ft		13.5 m 45 ft		m ft in			
																				
12.0 m t												11.8*	11.8*					9.9*	9.9*	11.0
40 ft lb												23,8*	23,8*					22,1*	22,1*	35'6"
10.5 m t														10.1*	10.1*			9.2*	9.2*	12.2
35 ft lb																		20,4*	20,4*	39'6"
9.0 m t														11.6*	11.6*			8.8*	8.8*	13.0
30 ft lb														25,6*	25,6*			19,5*	19,5*	42'6"
7.5 m t												12.1*	12.1*	11.8*	11.8*	9.8*	9.8*	8.6*	8.6*	13.7
25 ft lb												26,4*	26,4*	25,9*	25,9*	19,0*	19,0*	19,0*	19,0*	44'8"
6.0 m t												12.9*	12.9*	12.3*	12.3*	10.6	11.8*	8.5*	8.5*	14.1
20 ft lb												28,2*	28,2*	26,9*	26,9*	22,7	24,1*	18,8*	18,8*	46'4"
4.5 m t							18.0*	18.0*	15.6*	15.6*	14.0*	14.0*	12.8	13.0*	10.4	12.3*	8.6*	8.6*	14.4	
15 ft lb							38,7*	38,7*	33,8*	33,8*	30,5*	30,5*	27,5	28,3*	22,2	26,9*	18,9*	18,9*	47'2"	
3.0 m t							20.8*	20.8*	17.4*	17.4*	15.2*	15.2*	12.4	13.7*	10.1	12.7*	8.8*	8.8*	14.5	
10 ft lb							44,9*	44,9*	37,7*	37,7*	32,9	33,1*	26,5	29,9*	21,7	27,8*	19,3*	19,3*	47'7"	
1.5 m t							23.3*	23.3*	18.3	19.0*	14.6	16.3*	11.9	14.5*	9.8	12.8	8.7	9.1*	14.5	
5 ft lb							50,5*	50,5*	39,5	41,3*	31,4	35,5*	25,5	31,5*	21,1	27,5	19,2	20,0*	47'6"	
0 m t							22.6	25.2*	17.5	20.4*	14.0	17.3*	11.5	15.0	9.6	12.5	8.7	9.6*	14.3	
0 ft lb							48,6	54,6*	37,6	44,2*	30,1	37,5*	24,7	32,3	20,6	27,0	19,3	21,1*	46'10"	
-1.5 m t					30.1	30.2*	21.7	26.3*	16.8	21.2*	13.5	17.8	11.2	14.7	9.4	12.4	9.0	10.3*	13.9	
-5 ft lb					64,7	70,2*	46,8	57,0*	36,2	46,2*	29,2	38,4	24,1	31,6	20,2	26,6	19,9	22,7*	45'6"	
-3.0 m t			20.4*	20.4*	29.6	34.1*	21.3	26.5*	16.4	21.5*	13.2	17.5	11.0	14.5			9.5	11.3*	13.3	
-10 ft lb			46,5*	46,5*	63,8	74,0*	45,8	57,6*	35,4	46,8*	28,6	37,8	23,7	31,2			21,1	24,9*	43'8"	
-4.5 m t	19.9*	19.9*	27.8*	27.8*	29.6	32.9*	21.1	25.9*	16.3	21.2*	13.1	17.4	11.0	14.5			10.4	12.7*	12.6	
-15 ft lb	45,0*	45,0*	63,5*	63,5*	63,7	71,5*	45,6	56,3*	35,2	45,9*	28,4	37,6	23,8	31,3*			23,1	28,3*	41'1"	
-6.0 m t	27.7*	27.7*	37.9*	37.9*	29.9	30.6*	21.3	24.4*	16.4	19.8*	13.3	16.2*					11.9	13.5*	11.5	
-20 ft lb	62,9*	62,9*	86,8*	86,8*	64,5	66,3*	46,0	52,7*	35,5	42,8*	28,8	34,6*					26,5	29,9*	37'7"	
-7.5 m t	38.2*	38.2*	34.4*	34.4*	26.7*	26.7*	21.3*	21.3*	16.8	17.0*							13.3*	13.3*	10.2	
-25 ft lb	87,3*	87,3*	74,0*	74,0*	57,4*	57,4*	45,7*	45,7*	35,9*	35,9*							29,4*	29,4*	32'11"	
-9.0 m t			25.7*	25.7*	20.1*	20.1*	15.3*	15.3*									12.3*	12.3*	8.3	
-30 ft lb			54,0*	54,0*	42,1*	42,1*	31,1*	31,1*									27,1*	27,1*	26'6"	
12.0 m t												24,7*	24,7*					9,8*	9,8*	11,0
40 ft lb																		21,9*	21,9*	35'6"
10.5 m t														10.5*	10.5*			9.2*	9.2*	12.2
35 ft lb																		20,3*	20,3*	39'6"
9.0 m t														11.6*	11.6*			8.8*	8.8*	13.0
30 ft lb														25,6*	25,6*			19,4*	19,4*	42'6"
7.5 m t												12.1*	12.1*	11.8*	11.8*	10.0*	10.0*	8.6*	8.6*	13.7
25 ft lb												26,5*	26,5*	26,0*	26,0*	18,9*	18,9*	18,9*	18,9*	44'8"
6.0 m t												13.0*	13.0*	12.4*	12.4*	11.2	11.9*	8.5*	8.5*	14.1
20 ft lb												28,4*	28,4*	27,0*	27,0*	23,9	24,4*	18,8*	18,8*	46'4"
4.5 m t							18.2*	18.2*	15.7*	15.7*	14.1*	14.1*	13.0*	13.0*	10.9	12.3*	8.6*	8.6*	14.4	
15 ft lb							39,3*	39,3*	34,1*	34,1*	30,7*	30,7*	28,5*	28,5*	23,4	27,0*	18,9*	18,9*	47'2"	
3.0 m t							21.0*	21.0*	17.5*	17.5*	15.3*	15.3*	13.0	13.8*	10.7	12.8*	8.8*	8.8*	14.5	
10 ft lb							45,4*	45,4*	38,0*	38,0*	33,3*	33,3*	27,8	30,1*	22,8	27,9*	19,4*	19,4*	47'7"	
1.5 m t							23.5*	23.5*	19.2	19.2*	15.3	16.4*	12.5	14.5*	10.4	13.2*	9.1*	9.1*	14.5	
5 ft lb							50,9*	50,9*	41,3	41,6*	32,9	35,7*	26,9	31,7*	22,2	28,7*	20,1*	20,1*	47'6"	
0 m t							23.6	25.3*	18.3	20.5*	14.7	17.3*	12.1	15.1*	10.1	13.5*	9.3	9.6*	14.3	
0 ft lb							50,9	54,9*	39,4	44,4*	31,7	37,6*	26,0	32,9*	21,7	29,3*	20,5	21,2*	46'10"	
-1.5 m t					30.5*	30.5*	22.8	26.3*	17.7	21.3*	14.3	17.9*	11.8	15.8*	9.9	13.4*	9.6	10.3*	13.9	
-5 ft lb					67,9	71,0*	49,2	57,1*	38,1	46,3*	30,7	38,9*	25,4	33,6*	21,5	26,2*	21,2	22,8*	45'6"	
-3.0 m t	14.1*	14.1*	21.0*	21.0*	31.1	34.0*	22.4	26.5*	17.3	21.5*	14.0	18.0*	11.6	15.4*			10.2	11.4*	13.3	
-10 ft lb	31,8*	31,8*	47,8*	47,8*	67,0	73,9*	48,3	57,6*	37,4	46,8*	30,2	39,2*	25,1	33,3*			22,5	25,1*	43'8"	
-4.5 m t	20.5*	20.5*	28.6*	28.6*	31.1	32.7*	22.3	25.9*	17.2	21.1*	13.9	17.5*	11.7	14.5*			11.1	12.9*	12.6	
-15 ft lb	46,4*	46,4*	65,2*	65,2*	67,1	71,1*	48,0	56,1*	37,1	45,7*	30,1	37,9*	25,3	31,0*			24,7	28,6*	41'1"	
-6.0 m t	28.5*	28.5*	39.0*	39.0*	30.3*	30.3*	22.4	24.2*	17.3	19.7*	14.1	16.0*					12.7	13.5*	11.5	
-20 ft lb	64,6*	64,6*	85,9*	85,9*	65,7*	65,7*	48,5	52,3*	37,5	42,4*	30,6	34,1*					28,4	29,9*	37'7"	
-7.5 m t	39.4*	39.4*	33.8*	33.8*	26.2*	26.2*	20.9*	20.9*	16.6*	16.6*							13.3*	13.3*	10.2	
-25 ft lb	89,9*	89,9*	72,6*	72,6*	56,4*	56,4*	44,9*	44,9*	35,0*	35,0*							29,3*	29,3*	32'11"	
-9.0 m t			24.7*	24.7*	19.3*	19.3*	14.5*	14.5*									12.2*	12.2*	8.3	
-30 ft lb					40,3*	40,3*	29,0*	29,0*									28,6*	28,6*	26'6"	

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

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

Lift Capacities

with Mono Boom 10.50 m/34'5", Counterweight 16.0 t/35,270 lb and Track Pads 750 mm/30"

Stick 3.80 m/12'6"

Under-carriage	Height	3.0 m 10 ft		4.5 m 15 ft		6.0 m 20 ft		7.5 m 25 ft		9.0 m 30 ft		10.5 m 35 ft		12.0 m 40 ft		13.5 m 45 ft		15.0 m 50 ft		16.5 m 55 ft		m ft in			
		Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Max. reach	* Limited by hydr. capacity
HD	13.5 m t																								
	45 ft lb																								
	12.0 m t											11.2*	11.2*										11.4*	11.4*	11.1
	40 ft lb											25.3*	25.3*										25.6*	25.6*	35'10"
	10.5 m t											11.0*	11.0*	10.9*	10.9*								11.0*	11.0*	12.2
	35 ft lb											24.5*	24.5*										24.7*	24.7*	39'8"
	9.0 m t											11.4*	11.4*	10.8*	10.8*								10.4	10.9*	13.1
	30 ft lb											25.1*	25.1*	24.1*	24.1*								23.3	24.3*	42'8"
	7.5 m t										13.5*	13.5*	12.1*	12.1*	11.2*	11.2*	9.6	10.8*					9.3	10.8*	13.7
	25 ft lb										29.6*	29.6*	26.5*	26.5*	24.7*	24.7*							20.8	24.2*	44'11"
	6.0 m t										15.0*	15.0*	12.9*	12.9*	11.6	11.7*	9.4	10.9*					8.5	10.8*	14.2
	20 ft lb										32.6*	32.6*	28.4*	28.4*	25.3	25.8*	20.4	24.3*					19.1	24.3*	46'5"
	4.5 m t										16.5*	16.5*	13.6	13.9*	11.1	12.3*	9.1	11.3*					8.0	10.7	14.5
	15 ft lb										35.9*	35.9*	29.6	30.5*	24.2	27.1*	19.8	25.0*					17.9	23.9	47'5"
	3.0 m t											12.8	14.8*	10.6	12.9*	8.8	11.7*						7.7	10.4	14.6
	10 ft lb										34.4	38.9*	28.0	32.5*	23.1	28.4*	19.2	25.6					17.3	23.2	47'10"
	1.5 m t											12.2	15.5*	10.2	13.4*	8.5	11.5						7.6	10.3	14.5
	5 ft lb										32.7	41.0*	26.7	34.1*	22.2	29.6*	18.6	25.0					17.0	22.9	47'8"
	0 m t										14.5	19.2*	11.8	16.0*	9.8	13.3	8.3	11.3					7.7	10.4	14.3
	0 ft lb										31.7	42.3*	25.8	34.9	21.5	29.0	18.2	24.6					17.2	23.2	47'
-1.5 m t										14.3	19.3*	11.6	15.8	9.6	13.1	8.2	11.2					7.9	10.8	13.9	
-5 ft lb										31.2	42.6*	25.3	34.4	21.2	28.7	18.1	24.5					17.8	24.0	45'8"	
-3.0 m t								18.7	22.9*	14.3	19.1*	11.5	15.7	9.6	13.1							8.4	11.4	13.4	
-10 ft lb								40.8	50.5*	31.2	42.0*	25.3	34.3	21.2	28.6							19.0	25.6	43'10"	
-4.5 m t					26.0*	26.0*		19.0	21.8*	14.4	18.3*	11.6	15.5*	9.8	13.1*							9.3	11.9*	12.6	
-15 ft lb					57.5*	57.5*		41.4	48.1*	31.6	40.3*	25.6	34.1*	21.6	28.5*							21.0	26.9*	41'2"	
-6.0 m t			28.0*	28.0*	23.9*	23.9*	19.4	20.1*	14.8	17.0*	12.0	14.2*										10.8	11.9*	11.6	
-20 ft lb			62.2*	62.2*	52.7*	52.7*	42.5	44.4*	32.5	37.3*	26.5	31.0*										24.4	26.9*	37'10"	
-7.5 m t			24.2*	24.2*	20.7*	20.7*	17.5*	17.5*	14.6*	14.6*												11.6*	11.6*	10.2	
-25 ft lb			53.4*	53.4*	45.5*	45.5*	38.3*	38.3*	31.5*	31.5*												26.1*	26.1*	33'2"	
-9.0 m t					15.7*	15.7*		12.9*	12.9*													10.4*	10.4*	8.4	
-30 ft lb							26.9*	26.9*														25.0*	25.0*	26'	
-10.5 m t																									
-35 ft lb																									
LC-V	13.5 m t																						12.0*	12.0*	
	45 ft lb																								
	12.0 m t											11.2*	11.2*										11.4*	11.4*	11.1
	40 ft lb											25.1*	25.1*										25.5*	25.5*	35'10"
	10.5 m t											11.1*	11.1*	10.9*	10.9*								11.0*	11.0*	12.2
	35 ft lb											24.5*	24.5*										24.7*	24.7*	39'8"
	9.0 m t											11.5*	11.5*	10.9*	10.9*								10.8	10.9*	13.1
	30 ft lb											25.2*	25.2*	24.1*	24.1*								24.3*	24.3*	42'8"
	7.5 m t										13.7*	13.7*	12.1*	12.1*	11.2*	11.2*	10.2	10.8*					9.7	10.8*	13.7
	25 ft lb										29.8*	29.8*	26.7*	26.7*	24.8*	24.8*	21.9	24.2*					21.8	24.2*	44'11"
	6.0 m t										15.1*	15.1*	13.0*	13.0*	11.7*	11.7*	10.0	11.0*					9.0	10.8*	14.2
	20 ft lb										32.9*	32.9*	28.6*	28.6*	25.9*	25.9*	21.6	24.4*					20.1	24.3*	46'5"
	4.5 m t										16.6*	16.6*	14.0*	14.0*	11.7	12.3*	9.7	11.3*					8.5	10.9*	14.5
	15 ft lb										36.2*	36.2*	30.7*	30.7*	25.5	27.2*	21.0	25.0*					19.0	24.5*	47'5"
	3.0 m t											13.5	14.9*	11.2	12.9*	9.4	11.7*						8.2	11.1*	14.6
	10 ft lb										36.2	39.1*	29.5	32.6*	24.4	28.5*	20.4	25.8*					18.4	24.8*	47'10"
	1.5 m t											12.9	15.6*	10.8	13.5*	9.1	12.0*						8.1	11.2*	14.5
	5 ft lb										34.6	41.2*	28.3	34.2*	23.5	29.6*	19.8	26.5*					18.2	25.2*	47'8"
	0 m t										15.4	19.3*	12.5	16.0*	10.5	13.8*	8.9	12.2*					8.2	11.4*	14.3
	0 ft lb										33.6	42.3*	27.4	35.3*	22.9	30.4*	19.5	26.9*					18.4	25.7*	47'
-1.5 m t										15.2	19.3*	12.3	16.2*	10.3	13.9*	8.8	12.1*					8.5	11.6*	13.9	
-5 ft lb										33.2	42.5*	27.0	35.7*	22.6	30.7*	19.4	26.7*					19.1	26.1*	45'8"	
-3.0 m t								19.8	22.8*	15.2	19.0*	12.3	16.0*	10.3	13.7*							9.1	11.8*	13.4	
-10 ft lb								43.3	50.3*	33.2	41.9*	26.9	35.3*	22.6	30.2*							20.4	26.6*	43'10"	
-4.5 m t					25.8*	25.8*		20.1	21.7*	15.4	18.2*	12.4	15.4*	10.5	13.0*							10.0	11.9*	12.6	
-15 ft lb					57.1*	57.1*		44.0	47.9*	33.7	40.1*	27.3	33.9*	23.1	28.3*							22.6	26.9*	41'2"	
-6.0 m t			27.8*	27.8*	23.6*	23.6*	20.0*	20.0*	15.8	16.8*	12.8	14.0*										11.6	11.9*	11.6	
-20 ft lb			61.6*	61.6*	52.2*	52.2*	43.9*	43.9*	34.6	36.9*	28.2	30.6*										26.3	26.9*	37'10"	
-7.5 m t			23.8*	23.8*	20.4*	20.4*	17.2*	17.2*	14.3*	14.3*												11.6*	11.6*	10.2	
-25 ft lb			52.4*	52.4*	44.7*	44.7*	37.7*	37.7*	30.8*	30.8*												26.0*	26.0*	33'2"	
-9.0 m t							12.2*	12.2*														10.9*	10.9*	8.4	
-30 ft lb																									
-10.5 m t																									
-35 ft lb																									

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

Stick 4.70 m / 15'5"

Under-carriage	3.0 m 10 ft	4.5 m 15 ft	6.0 m 20 ft	7.5 m 25 ft	9.0 m 30 ft	10.5 m 35 ft	12.0 m 40 ft	13.5 m 45 ft	15.0 m 50 ft	16.5 m 55 ft	m							
											ft	in	ft in					
13.5 m t												10.4*	10.4*	10.8				
45 ft lb												23.7*	23.7*	34'10"				
12.0 m t							9.9*	9.9*				10.0*	10.0*	12.2				
40 ft lb							22.6*	22.6*				22.6*	22.6*	39'6"				
10.5 m t							9.5*	9.5*				9.7*	9.7*	13.2				
35 ft lb							21.5*	21.5*				22.1*	22.1*	43'1"				
9.0 m t							9.7*	9.7*	9.5*	9.5*		9.0*	9.6*	14.1				
30 ft lb							21.7*	21.7*	21.5	21.6*		20.5	21.8*	45'11"				
7.5 m t							10.9*	10.9*	10.1*	10.1*	9.6*	9.6*	8.1	9.6*	14.7			
25 ft lb							24.2*	24.2*	22.6*	22.6*	21.3	21.7*	18.4	21.8*	47'11"			
6.0 m t						13.6*	13.6*	11.8*	11.8*	10.7*	10.7*	9.5	10.0*	7.6	9.7*	15.1		
20 ft lb						29.9*	29.9*	26.2*	26.2*	23.8*	23.8*	20.7	22.3*	17.0	21.9*	49'5"		
4.5 m t						15.1*	15.1*	12.8*	12.8*	11.2	11.4*	9.1	10.4*	7.4	9.8*	15.3		
15 ft lb						33.3*	33.3*	28.4*	28.4*	24.4	25.3*	20.0	23.2*	16.2	21.8	50'4"		
3.0 m t						16.0	16.6*	12.9	13.8*	10.6	12.0*	8.7	10.8*	7.2	9.8	15.4		
10 ft lb						35.2	36.5*	28.4	30.6*	23.2	26.8*	19.2	24.2*	15.9	21.4	50'8"		
1.5 m t						15.0	17.7*	12.2	14.7*	10.1	12.7*	8.4	11.3*	7.0	9.6	15.4		
5 ft lb						33.1	39.1*	26.9	32.5*	22.2	28.1*	18.5	24.9	15.5	21.0	50'6"		
0 m t						14.4	18.5*	11.7	15.3*	9.6	13.1*	8.1	11.1	6.9	9.4	15.2		
0 ft lb						31.7	40.9*	25.7	34.0*	21.3	28.8	17.9	24.3	15.3	20.8	49'11"		
-1.5 m t						14.0	18.9*	11.3	15.6	9.4	12.9	7.9	10.9	6.9	9.5	14.9		
-5 ft lb						30.9	41.8*	25.0	34.1	20.8	28.3	17.6	23.9	15.7	21.5	48'8"		
-3.0 m t					18.1	23.0*	13.9	18.8*	11.1	15.4	9.2	12.7	7.9	10.8	7.3	10.0	14.3	
-10 ft lb					39.9	51.1*	30.6	41.8*	24.7	33.8	20.5	28.0	17.5	23.9	16.7	22.7	46'11"	
-4.5 m t						23.6*	23.6*	18.3	22.2*	13.9	18.4*	11.2	15.4	9.3	12.8	8.0	11.0	13.6
-15 ft lb						54.9*	54.9*	40.3	49.4*	30.8	40.8*	24.8	33.8	20.7	28.1	18.2	24.6*	44'6"
-6.0 m t	19.5*	19.5*	24.5*	24.5*	25.5*	25.5*	18.7	21.0*	14.2	17.5*	11.4	14.7*	9.6	12.2*	9.0	10.9*	12.7	
-20 ft lb	44.7*	44.7*	56.5*	56.5*	56.6*	56.6*	41.1	46.5*	31.4	38.7*	25.3	32.4*	21.3	26.8*	20.7	24.8*	41'5"	
-7.5 m t	28.8*	28.8*	28.0*	28.0*	22.8*	22.8*	18.9*	18.9*	14.7	15.8*	11.9	13.0*			10.8	10.8*	11.5	
-25 ft lb	65.9*	65.9*	62.0*	62.0*	50.5*	50.5*	41.8*	41.8*	32.5	34.7*	26.5	28.2*			24.6*	24.6*	37'2"	
-9.0 m t			22.8*	22.8*	18.9*	18.9*	15.7*	15.7*	12.6*	12.6*					10.3*	10.3*	9.8	
-30 ft lb			50.0*	50.0*	41.4*	41.4*	34.1*	34.1*	26.8*	26.8*					23.4*	23.4*	31'8"	
-10.5 m t																		
-35 ft lb																		
13.5 m t							23.4*	23.4*										
45 ft lb							23.4*	23.4*										
12.0 m t									9.8*	9.8*								
40 ft lb									22.5*	22.5*								
10.5 m t									9.5*	9.5*								
35 ft lb									21.5*	21.5*								
9.0 m t									9.7*	9.7*	9.5*	9.5*						
30 ft lb									21.8*	21.8*	21.6*	21.6*						
7.5 m t									11.0*	11.0*	10.2*	10.2*	9.7*	9.7*				
25 ft lb									24.4*	24.4*	22.7*	22.7*	21.7*	21.7*				
6.0 m t									13.7*	13.7*	11.9*	11.9*	10.8*	10.8*	10.0*	10.0*	8.1	9.7*
20 ft lb									30.2*	30.2*	26.4*	26.4*	24.0*	24.0*	21.9	22.4*		
4.5 m t									15.3*	15.3*	12.9*	12.9*	11.4*	11.4*	9.6	10.4*	7.9	9.8*
15 ft lb									33.6*	33.6*	28.6*	28.6*	25.4*	25.4*	21.1	23.3*	17.3	22.2*
3.0 m t									16.7*	16.7*	13.6	13.9*	11.2	12.1*	9.3	10.9*	7.7	10.1*
10 ft lb									36.8*	36.8*	29.9	30.8*	24.5	26.9*	20.4	24.3*	16.9	22.6*
1.5 m t									15.9	17.8*	12.9	14.7*	10.7	12.7*	8.9	11.3*	7.5	10.3*
5 ft lb									34.9	39.3*	28.4	32.7*	23.5	28.3*	19.7	25.2*	16.6	23.0*
0 m t									15.2	18.5*	12.4	15.4*	10.3	13.2*	8.6	11.6*	7.3	10.4*
0 ft lb									33.6	41.0*	27.3	34.1*	22.7	29.3*	19.1	25.9*		
-1.5 m t									14.9	18.9*	12.0	15.7*	10.0	13.5*	8.5	11.8*		
-5 ft lb									32.9	41.8*	26.6	34.9*	22.2	29.9*	18.8	26.2*		
-3.0 m t									19.3	23.0*	14.8	18.8*	11.9	15.8*	9.9	13.5*	8.4	11.6*
-10 ft lb									42.4	51.0*	32.6	41.7*	26.3	35.0*	21.9	29.9*	18.8	25.8*
-4.5 m t									24.5*	24.5*	19.5	22.2*	14.8	18.3*	11.9	15.4*	10.0	13.1*
-15 ft lb									56.8*	56.8*	42.8	49.2*	32.8	40.7*	26.4	34.2*	22.1	29.1*
-6.0 m t	20.3*	20.3*	25.4*	25.4*	25.3*	25.3*	19.9	20.8*	15.1	17.3*	12.2	14.6*	10.3	12.1*				
-20 ft lb	46.3*	46.3*	58.4*	58.4*	56.1*	56.1*	43.7	46.2*	33.4	38.4*	27.0	32.2*	22.9	26.4*				
-7.5 m t	29.7*	29.7*	27.6*	27.6*	22.5*	22.5*	18.7*	18.7*	15.6*	15.6*	12.7	12.7*						
-25 ft lb	68.1*	68.1*	61.2*	61.2*	49.9*	49.9*	41.3*	41.3*	34.3*	34.3*	27.7*	27.7*						
-9.0 m t			22.2*	22.2*	18.4*	18.4*	15.3*	15.3*	12.1*	12.1*								
-30 ft lb			48.7*	48.7*	40.4*	40.4*	33.2*	33.2*	25.7*	25.7*								
-10.5 m t																		
-35 ft lb																		

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





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

Lift Capacities

with Mono Boom 10.50 m/34'5", Counterweight 16.0 t/35,270 lb and Track Pads 750 mm/30"

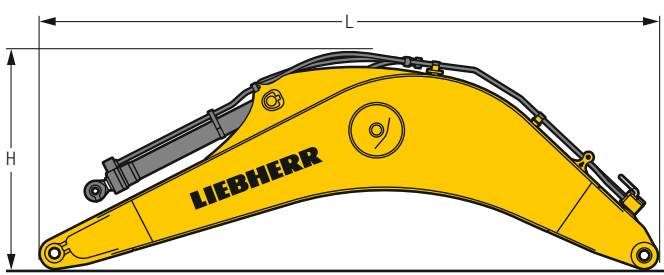
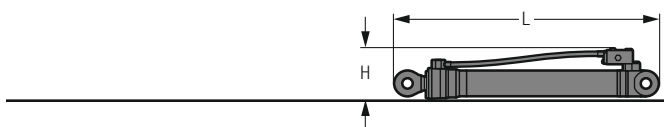
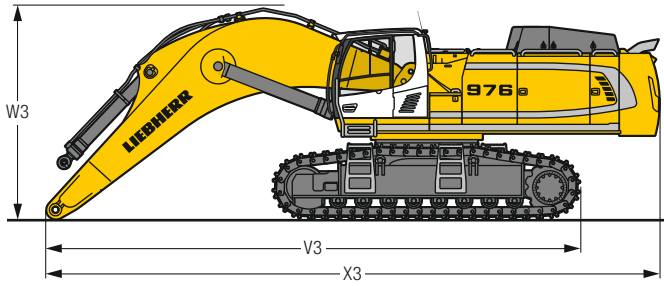
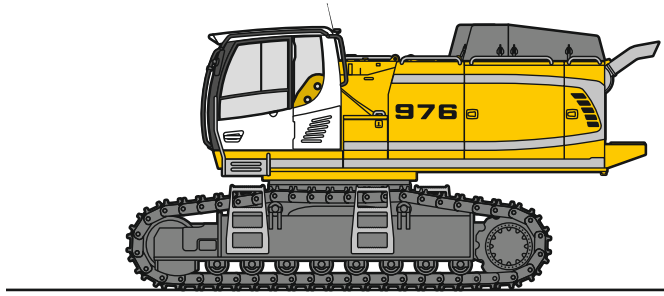
Stick 5.80 m/19'

Under-carriage	Height	3.0 m 10 ft		4.5 m 15 ft		6.0 m 20 ft		7.5 m 25 ft		9.0 m 30 ft		10.5 m 35 ft		12.0 m 40 ft		13.5 m 45 ft		15.0 m 50 ft		16.5 m 55 ft		m ft in						
		Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage			
HD	13.5 m t													9.2*	9.2*							9.4*	9.4*	12.3				
	45 ft lb																						20.9*	20.9*	39'10"			
	12.0 m t																9.1*	9.1*					9.1*	9.1*	13.5			
	40 ft lb																						20.3*	20.3*	44'			
	10.5 m t																	8.7*	8.7*				9.0*	9.0*	14.5			
	35 ft lb																	19.4*	19.4*				19.9*	19.9*	47'2"			
	9.0 m t															9.0*	9.0*	8.8*	8.8*			8.5	8.9*		15.2			
	30 ft lb															19.7*	19.7*	19.4*	19.4*				18.2	19.3*	49'8"			
	7.5 m t																9.5*	9.5*	9.1*	9.1*			7.4	8.6*	15.8			
	25 ft lb																20.8*	20.8*	19.9*	19.9*			18.0	19.7*	51'7"			
	6.0 m t																	10.2*	10.2*	9.5*	9.5*		8.3	9.1*		16.2		
	20 ft lb																	24.3*	24.3*	22.2*	22.2*		17.6	20.0*		53'		
	4.5 m t																	14.3*	14.3*	12.3*	12.3*		10.9	10.9*		16.4		
	15 ft lb																	30.9*	30.9*	26.6*	26.6*		23.8*	23.8*		53'10"		
	3.0 m t																	15.9*	15.9*	13.4*	13.4*		11.3	11.7*		16.5		
	10 ft lb																	34.4*	34.4*	29.1*	29.1*		24.3	25.5*		54'2"		
	1.5 m t																	16.1	17.3*	13.0	14.4*		10.7	12.4*		16.5		
	5 ft lb																	34.7*	37.5*	28.0	31.3*		23.0	27.1*		54'		
	0 m t																	15.2	18.3*	12.3	15.2*		10.2	13.1*		16.3		
0 ft lb																	32.9	39.9*	26.7	33.1*		22.0	28.5*		53'5"			
-1.5 m t																	14.6	19.0*	11.9	15.8*		9.8	13.3		16.0			
-5 ft lb																	40.7	51.7*	31.7	41.4*		25.7	34.5*		52'4"			
-3.0 m t																	18.6	23.8*	14.3	19.3*		11.6	15.8		15.5			
-10 ft lb																	40.2	52.0*	31.0	42.1*		25.1	34.1		50'8"			
-4.5 m t																	18.6	23.5*	14.2	19.2*		11.4	15.7		14.8			
-15 ft lb																	40.2	51.2*	30.9	41.9*		24.8	33.9		48'6"			
-6.0 m t																	16.1*	16.1*	13.0	14.4*		10.9	10.9*		14.0			
-20 ft lb																	36.6*	36.6*	46.5*	46.5*		24.8	28.1*		45'7"			
-7.5 m t																	22.7*	22.7*	28.4*	28.4*		11.3	11.7*		12.9			
-25 ft lb																	51.7*	51.7*	65.0*	65.0*		31.1	34.0*		41'11"			
-9.0 m t																	31.3*	31.3*	28.7*	28.7*		12.3	12.6*		11.5			
-30 ft lb																	71.5*	71.5*	62.3*	62.3*		40.6*	40.6*		37'1"			
-10.5 m t																		22.4*	22.4*	18.2*	18.2*		11.5*	11.5*		9.6		
-35 ft lb																										30'10"		
LC-V	13.5 m t																								9.4*	9.4*	12.3	
	45 ft lb																								20.8*	20.8*	39'10"	
	12.0 m t																								9.1*	9.1*	13.5	
	40 ft lb																								20.2*	20.2*	44'	
	10.5 m t																								9.0*	9.0*	14.5	
	35 ft lb																								19.9*	19.9*	47'2"	
	9.0 m t																								8.6	8.7*	15.2	
	30 ft lb																								19.8*	19.8*	49'8"	
	7.5 m t																									7.9	8.6*	15.8
	25 ft lb																									17.5	18.9*	51'7"
	6.0 m t																									7.4	8.5*	16.2
	20 ft lb																									16.3	18.8*	53'
	4.5 m t																									7.0	8.6*	16.4
	15 ft lb																									15.5	18.9*	53'10"
	3.0 m t																									6.8	8.7*	16.5
	10 ft lb																									15.0	19.2*	54'2"
	1.5 m t																									6.7	9.0*	16.5
	5 ft lb																									14.8	19.8*	54'
	0 m t																									6.7	9.3*	16.3
0 ft lb																									14.9	20.6*	53'5"	
-1.5 m t																									6.9	9.8*	16.0	
-5 ft lb																									15.3	21.8*	52'4"	
-3.0 m t																									7.2	10.0*	15.5	
-10 ft lb																									16.1	22.3*	50'8"	
-4.5 m t																									7.8	10.2*	14.8	
-15 ft lb																									17.3	22.8*	48'6"	
-6.0 m t																									8.6	10.4*	14.0	
-20 ft lb																									19.2	23.1*	45'7"	
-7.5 m t																									9.9	10.4*	12.9	
-25 ft lb																									22.3	23.3*	41'11"	
-9.0 m t																									10.3*	10.3*	11.5	
-30 ft lb																									22.9*	22.9*	37'1"	
-10.5 m t																									9.6*	9.6*	9.6	
-35 ft lb																									21.2*	21.2*	30'10"	

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

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

Dimensions and Weights



Basic Machine

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

Machine without Stick

			HD	LC-V
V3	Mono boom 7.20 m/23'7"	mm/ft in	10,350/33'11"	10,400/34' 1"
	Mono boom 8.60 m/28'3"	mm/ft in	13,450/44' 2"	13,400/44'
	Mono boom 10.50 m/34'5"	mm/ft in	13,650/44' 9"	13,800/45' 3"
W3	Mono boom 7.20 m/23'7"	mm/ft in	4,150/13' 7"	4,250/13'11"
	Mono boom 8.60 m/28'3"	mm/ft in	4,500/14' 9"	4,550/14'11"
	Mono boom 10.50 m/34'5"	mm/ft in	4,900/16' 1"	5,000/16' 5"
X3	Mono boom 7.20 m/23'7"	mm/ft in	11,950/39' 2"	11,900/39' 1"
	Mono boom 8.60 m/28'3"	mm/ft in	11,700/38' 5"	11,850/38'11"
	Mono boom 10.50 m/34'5"	mm/ft in	15,450/50' 8"	15,400/50' 6"

Cab Elevation

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

Counterweight

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

Upper Protection Screen

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

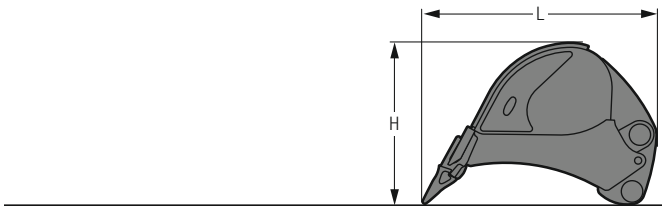
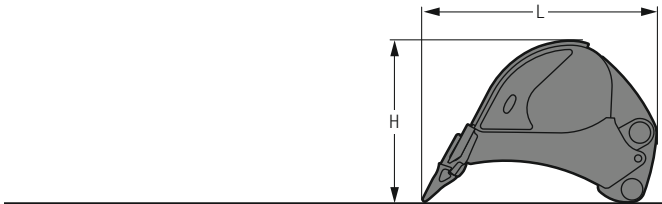
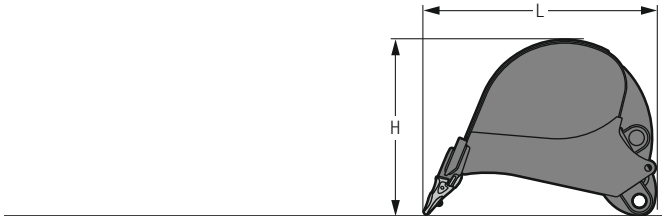
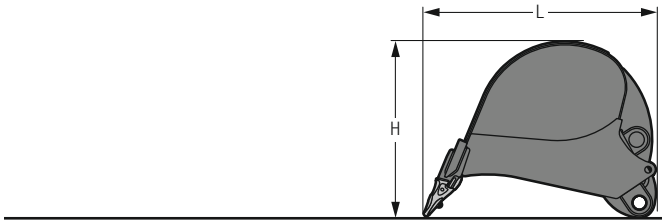
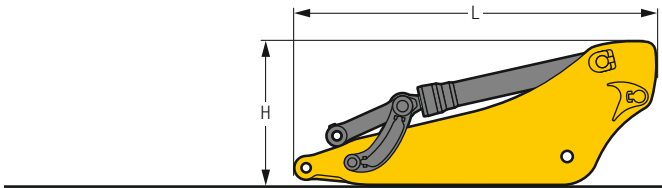
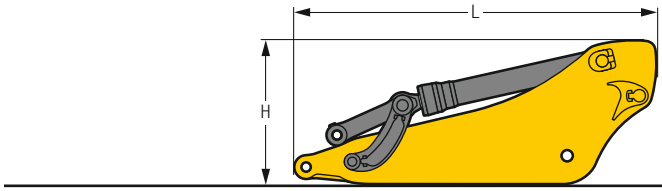
Hoist Cylinders (two)

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

Mono Boom with Stick Cylinder

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

Dimensions and Weights



Stick with Bucket Cylinder

Stick length	m / ft in	2,90 / 9' 6"	3,30 / 10' 10"	3,80 / 12' 6"
L Length	mm / ft in	4,050 / 13' 3"	4,450 / 14' 7"	4,900 / 16' 1"
H Height	mm / ft in	1,700 / 5' 7"	1,650 / 5' 5"	1,500 / 4' 11"
Width	mm / ft in	900 / 2' 11"	900 / 2' 11"	900 / 2' 11"
Weight	kg / lb	4,450 / 9,810	4,600 / 10,140	4,800 / 10,580

Stick with Bucket Cylinder

Stick length	m / ft in	4,70 / 15' 5"	5,80 / 19'
L Length	mm / ft in	5,800 / 19'	6,900 / 22' 8"
H Height	mm / ft in	1,450 / 4' 9"	1,400 / 4' 7"
Width	mm / ft in	900 / 2' 11"	900 / 2' 11"
Weight	kg / lb	5,150 / 11,350	5,100 / 11,240

Backhoe Buckets

				Std
Cutting width	mm / in	1,450 / 57"	1,800 / 71"	2,000 / 79"
Capacity	m ³ / yd ³	2.60 / 3.40	3.60 / 4.71	4.10 / 5.36
L Length	mm / ft in	2,650 / 8' 8"	2,650 / 8' 8"	2,650 / 8' 8"
H Height	mm / ft in	2,100 / 6' 11"	2,100 / 6' 11"	2,100 / 6' 11"
Width	mm / ft in	1,500 / 4' 11"	1,850 / 6' 1"	2,050 / 6' 9"
Weight	kg / lb	3,400 / 7,500	3,900 / 8,600	4,100 / 9,040

Backhoe Buckets

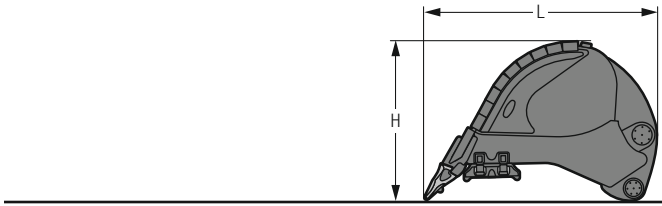
				Std
Cutting width	mm / in	2,200 / 87"	2,300 / 91"	2,300 / 91"
Capacity	m ³ / yd ³	5.20 / 6.80	5.60 / 7.32	6.20 / 8.11
L Length	mm / ft in	2,750 / 9'	2,750 / 9'	2,850 / 9' 4"
H Height	mm / ft in	2,150 / 7' 1"	2,150 / 7' 1"	2,150 / 7' 1"
Width	mm / ft in	2,250 / 7' 5"	2,350 / 7' 9"	2,350 / 7' 9"
Weight	kg / lb	4,650 / 10,250	4,850 / 10,690	5,050 / 11,130

Backhoe Buckets

				HD
Cutting width	mm / in	1,450 / 57"	1,800 / 71"	2,000 / 79"
Capacity	m ³ / yd ³	2.60 / 3.40	3.60 / 4.71	4.10 / 5.36
L Length	mm / ft in	2,650 / 8' 8"	2,650 / 8' 8"	2,650 / 8' 8"
H Height	mm / ft in	2,100 / 6' 11"	2,100 / 6' 11"	2,100 / 6' 11"
Width	mm / ft in	1,500 / 4' 11"	1,850 / 6' 1"	2,050 / 6' 9"
Weight	kg / lb	3,750 / 8,270	4,350 / 9,590	4,700 / 10,360

Backhoe Buckets

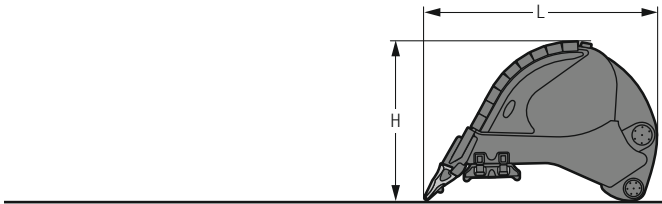
				HD
Cutting width	mm / in	2,200 / 87"	2,300 / 91"	2,300 / 91"
Capacity	m ³ / yd ³	5.20 / 6.80	5.60 / 7.32	6.20 / 8.11
L Length	mm / ft in	2,750 / 9'	2,750 / 9'	2,850 / 9' 4"
H Height	mm / ft in	2,150 / 7' 1"	2,150 / 7' 1"	2,150 / 7' 1"
Width	mm / ft in	2,250 / 7' 5"	2,350 / 7' 9"	2,350 / 7' 9"
Weight	kg / lb	5,300 / 11,680	5,550 / 12,240	5,800 / 12,790



Backhoe Buckets

HDV

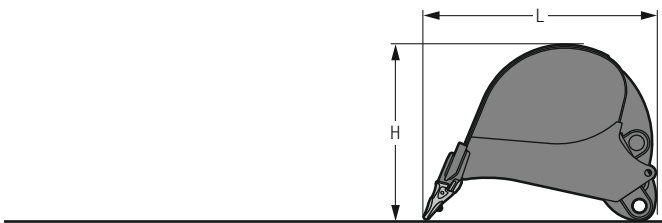
Cutting width	mm/in	1,800/71"	2,000/79"	2,000/79"
Capacity	m ³ /yd ³	3.70/4.84	4.20/5.49	4.70/6.15
L Length	mm/ft in	2,650/8'8"	2,650/8'8"	2,650/8'8"
H Height	mm/ft in	2,150/7'1"	2,150/7'1"	2,150/7'1"
Width	mm/ft in	1,850/6'1"	2,050/6'9"	2,250/7'5"
Weight	kg/lb	5,200/11,460	5,600/12,350	5,850/12,900



Backhoe Buckets

HDV

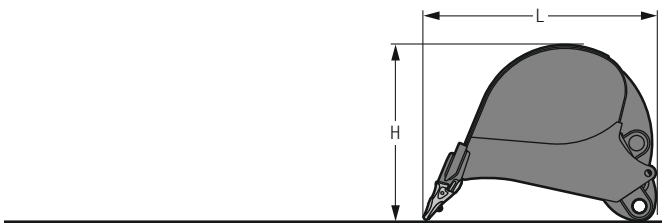
Cutting width	mm/in	2,200/87"	2,300/91"
Capacity	m ³ /yd ³	5.20/6.80	5.70/7.45
L Length	mm/ft in	2,750/9'	2,750/9'
H Height	mm/ft in	2,200/7'3"	2,200/7'3"
Width	mm/ft in	2,250/7'5"	2,350/7'9"
Weight	kg/lb	6,250/13,780	6,500/14,330



Backhoe Buckets R 966

Std

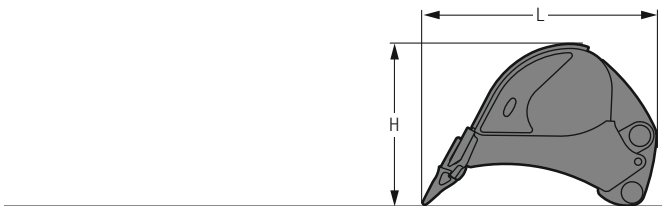
Cutting width	mm/in	1,400/55"	1,700/67"	1,950/77"
Capacity	m ³ /yd ³	2.00/2.62	2.50/3.27	3.00/3.92
L Length	mm/ft in	2,300/7'7"	2,300/7'7"	2,300/7'7"
H Height	mm/ft in	1,550/5'1"	1,550/5'1"	1,550/5'1"
Width	mm/ft in	1,450/4'9"	1,750/5'9"	2,000/6'7"
Weight	kg/lb	2,500/5,510	2,850/6,280	3,100/6,830



Backhoe Buckets R 966

Std

Cutting width	mm/in	2,150/85"	1,950/77"
Capacity	m ³ /yd ³	3.50/4.58	4.00/5.23
L Length	mm/ft in	2,300/7'7"	2,500/8' 2"
H Height	mm/ft in	1,550/5'1"	1,800/5'11"
Width	mm/ft in	2,200/7'3"	2,000/6' 7"
Weight	kg/lb	3,350/7,390	3,600/7,940

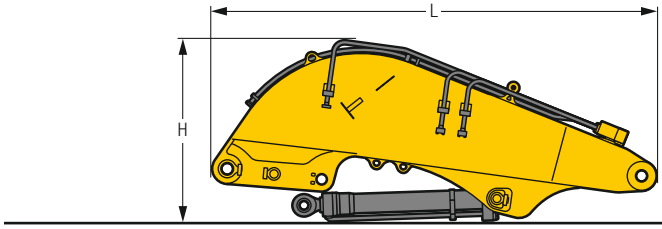


Backhoe Buckets R 966

HD

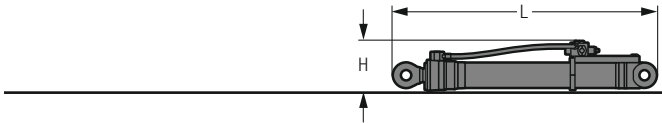
Cutting width	mm/in	1,450/57"	1,750/69"	2,000/79"	2,200/87"
Capacity	m ³ /yd ³	2.00/2.62	2.50/3.27	3.00/3.92	3.50/4.58
L Length	mm/ft in	2,400/7'10"	2,400/7'10"	2,400/7'10"	2,400/7'10"
H Height	mm/ft in	1,600/5' 3"	1,600/5' 3"	1,600/5' 3"	1,600/5' 3"
Width	mm/ft in	1,500/4'11"	1,800/5'11"	2,050/6' 9"	2,250/7' 5"
Weight	kg/lb	3,100/6,830	3,600/7,940	3,900/8,600	4,300/9,480

Dimensions and Weights



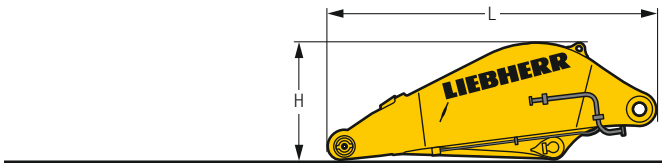
Shovel Boom

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



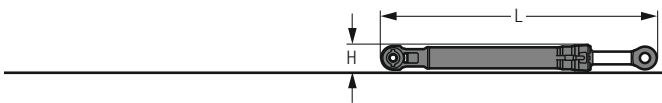
Shovel Hoist Cylinders (two)

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



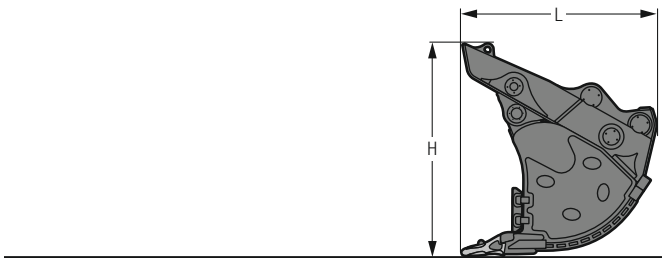
Shovel Stick

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



Shovel Bucket Cylinders (two)

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



Front Shovels

Cutting width	mm / in	2,300 / 91"	2,700 / 106"	2,700 / 106"
Capacity	m ³ / yd ³	4.40 / 5.75	5.10 / 6.67	5.60 / 7.32
L Length	mm / ft in	2,600 / 8' 6"	2,600 / 8' 6"	2,800 / 9' 2"
H Height	mm / ft in	2,700 / 8'10"	2,700 / 8'10"	2,700 / 8'10"
Width	mm / ft in	2,350 / 7' 9"	2,700 / 8'10"	2,700 / 8'10"
Weight				
Level I	kg / lb	–	8,450 / 18,630	8,750 / 19,290
Level II	kg / lb	8,300 / 18,300	9,200 / 20,280	9,500 / 20,940
Level III	kg / lb	9,150 / 20,170	10,150 / 22,380	–

Serial Equipment

Undercarriage

- Lashing eyes
- Sprocket with dirt ejector
- Track and carrier rollers, sealed and lifetime-lubricated
- Travel motor housing protection

Uppercarriage

- Access platforms without protruding parts
- Anti-skid surfaces
- Automatic swing brake lock
- Centralized lubrication system (automatic)
- DEF tank lockable access hatch
- Engine hood with gas spring opening
- Extended tool set including tool box
- Handrails
- Headlights on uppercarriage, front, LED, 2 pieces, protections included
- Lockable fuel tank cap with padlock
- Lockable service doors
- Lockable storage box
- Main switch, accessible from ground level
- Pre-heating system for fuel
- Protection grid on radiator fan
- Sound insulation
- Swing-out radiators
- Windshield washer fluid tank

Hydraulic System

- Dedicated swing circuit
- Filter with integrated fine filters
- Hydraulic pressure measuring ports
- Hydraulic tank shut-off valve
- Magnetic rod
- Pressure accumulator for controlled lowering of equipment with engine turned off

Engine

- Air filter with automatic dust ejector
- Automatic engine idling /speed increase, controlled via joystick sensors
- Common-Rail injection system
- Exhaust gas after-treatment system – SCR
- Fixed geometry turbocharger
- Fuel fine filter
- Fuel pre-filter and water separator
- Fuel priming pump
- Intercooler
- Power Pack US EPA Tier 4 Final
- Stepless adjustable engine speed

Operator's Cab

- 7" multifunction color touchscreen
- Air conditioning, automatic, tri-zone, controlled via display
- Armrests adjustable in width, height and inclination
- Bottle holder
- Cab door sliding windows
- Cigarette lighter
- Coat hook
- DEF consumption on touchscreen
- DEF level on touchscreen
- Electric socket in cabin (12 V)
- Electric socket in cabin (24 V)
- Emergency hammer
- Engine oil level on touchscreen
- Footrest
- Fuel consumption on touchscreen
- Fuel level on touchscreen
- Impact resistant roof window
- Impact resistant two-piece windshield
- Interior lighting
- Laminated right hand side window
- LIDAT Plus (Liebherr data transfer system)*
- Movement priority between swing and boom, adjustable via touchscreen
- Rain hood over front window opening
- Rearview mirror
- Rear view monitoring camera
- Rear window emergency exit
- Right hand side view monitoring camera
- Roll-down sun blinds for windshield and roof window
- Rubber floor mat, fixed on floor and removable
- Storage box
- Storage nets
- Storage spaces
- Tilttable console left
- Tinted windows
- Visco-elastic damping
- Windscreen wiper and washer
- Work mode selector

Equipment

- Anti-drift system boom cylinders
- Anti-drift system stick cylinder
- Boom cylinders regeneration
- Headlights on boom, LED, 2 pieces, protections included
- Pipe fracture safety valve for stick cylinder
- Pipe fracture safety valves for boom cylinders
- Pivot points made of cast steel
- SAE split flanges on high pressure lines
- Stick bottom protection
- Stick cylinder regeneration

* optionally extendable after one year

Equipment Standard/Option

Undercarriage

Chain guide 3 pieces	•
Chain guide 4 pieces	+
Reinforced cover and base plate for undercarriage center section	+
Reinforced cover plate for center section (LC-V undercarriage)	+
Screws protection for sideframe (LC-V undercarriage)	+
Special painting	+
Steps	•
Track pads double grouser 500 mm/ 20" , chamfered	+
Track pads double grouser 600 mm/ 24" , chamfered	•
Track pads double grouser 750 mm/ 30" , chamfered	+
Track pads double grouser 900 mm/ 35" , chamfered	+
Travel drive gearbox protection	+
Undercarriage HD	+
Undercarriage LC-V	+
Undercarriage protection plate for drop-ball application	+

Upperstructure

Air pre-filter with cyclonical dust trap	+
Boxing ring	+
Catwalks left and right	•
Catwalk wide with railing	+
Counterweight heavy 16.0 t/ 35,270 lb	+
Counterweight standard 14.1 t/ 31,090 lb	•
Electric socket on upperstructure (24 V)	+
Filter for hydraulic hammer return flow	+
Fixed cab riser 800 mm/ 2'7"	+
Headlight on upperstructure, lateral right, LED+, 1 piece	+ ¹⁾
Headlights on upperstructure, front, LED+, 2 pieces, protections included	+ ¹⁾
Headlights on upperstructure, rear, LED+, 2 pieces	+ ¹⁾
Lighting for tank area ¹⁾	+
Lighting for upperstructure access ¹⁾	+
Motorized tiltable access ladder	+
Radiator fine mesh protection grid	+
Reversible fan drive	+
Skyview 360°	+
Special painting	+
Swing ring and lubrication hoses protection	+
Tank refilling pump fuel	+
Wiggins coupling for fuel	+

Hydraulic System

Bypass filter for hydraulic oil	+
Liebherr hydraulic oil	•
Liebherr hydraulic oil, adapted for extreme climate conditions	+
Liebherr hydraulic oil, biodegradable	+

Engine

Automatic engine shutdown after idling	+
Engine shut-down with overrun	+
Lighting for engine compartment ¹⁾	+



Operator's Cab

3" seat belt with retractor, orange color	•
4-points seat belt	+
Acoustic travel alarm deactivatable	+
Auxiliary heater programmable	+
Bottom windscreen wiper	+
Cool box (12 V)	+
Dark tinted windows	+
Electrically adjustable and heated outside rear-view mirrors	+
Electronic immobilizer	+
Emergency stop in cab	+
FGPS front guard tiltable	+
Fire extinguisher	+
First-aid box	+
Follow me home	+1)
FOPS top guard	+
Handrests elevated for joysticks	+
Headlights on cab, front, LED, 2 pieces	•1)
Headlights on cab, front, LED+, 2 pieces	+1)
Headlights on cab roof, front, LED+, 2 pieces	+1)
High pressure circuit switchable on pedals or mini-joystick	+
High pressure circuit with Tool Control (20 attachment adjustments on display)	+
Lighting for cabin access 1)	+
Luminosity control (LED+ headlights) 1)	+
Medium pressure circuit	+
Mini-joysticks proportional	+
Operator seat Comfort	•
Operator seat Premium	+
Overload warning system	+
Radio Comfort	+
Radio pre-installation	•
Roof sun shield	+
Roof window wiper	+
Rotating beacon on cabin, LED, 1 piece	+
Shortcut button on joystick configurable	•
Special painting	+
Sun visor	+



Equipment

Boom bottom protection	+
Boom cylinder rods protection	+
Bucket cylinder rod protection	+
Centralized lubrication extended for connecting link	+
Floating boom	+
Headlights on boom, LED+, 2 pieces, protections included	+1)
Mono boom 7.20 m / 23'7"	+
Mono boom 8.60 m / 28'3"	+
Mono boom 10.50 m / 34'5"	+
Preparation for ripper tooth	+
Quick coupler SWA 92 hydraulic	+
Shovel boom 4.60 m / 15'1"	+
Shovel stick 3.30 m / 10'10"	+
Special painting	+
Stick 2.90 m / 9'6"	+
Stick 3.30 m / 10'10"	+
Stick 3.80 m / 12'6"	+
Stick 4.70 m / 15'5"	+
Stick 5.80 m / 19'	+

• = Standard, + = Option

1) Equipment not individually available, but only as predefined lighting packages
Non-exhaustive list, please contact us for further information.

Options and/or special equipments, supplied by vendors other than Liebherr, are only to be installed with the knowledge and approval of Liebherr in order to retain warranty.

The Liebherr Group of Companies



Diverse Product Range

The Liebherr Group is one of the largest construction equipment manufacturers in the world. Liebherr's quality products and services hold a high reputation in many industries. The wide range includes domestic appliances, aerospace and transportation systems, machine tools and maritime cranes.

Exceptional Customer Benefit

Every product line provides a complete range of models in many different versions. With both their technical excellence and superior quality, Liebherr products offer customers the highest benefits in practical applications.

State-of-the-art Technology

Liebherr attributes great importance to the product areas of core technology and components, in order to achieve its consistent, top-quality products. Important modules and components are developed and manufactured in-house, for instance, the entire drive and control technology for the construction equipment and mining trucks.

Worldwide and Family-Owned

Hans Liebherr founded the Liebherr family company in 1949. Since that time, the enterprise has steadily grown to a group of more than 130 companies with more than 46,000 employees located on all continents. The corporate headquarters of the Group is Liebherr-International AG in Bulle, Switzerland. The Liebherr family is the sole owner of the company.

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