
LH 30 LH 35 Industry

LIEBHERR

Material handling machines

Generation

6

Operating weight

26,500–31,900 kg *

Engine

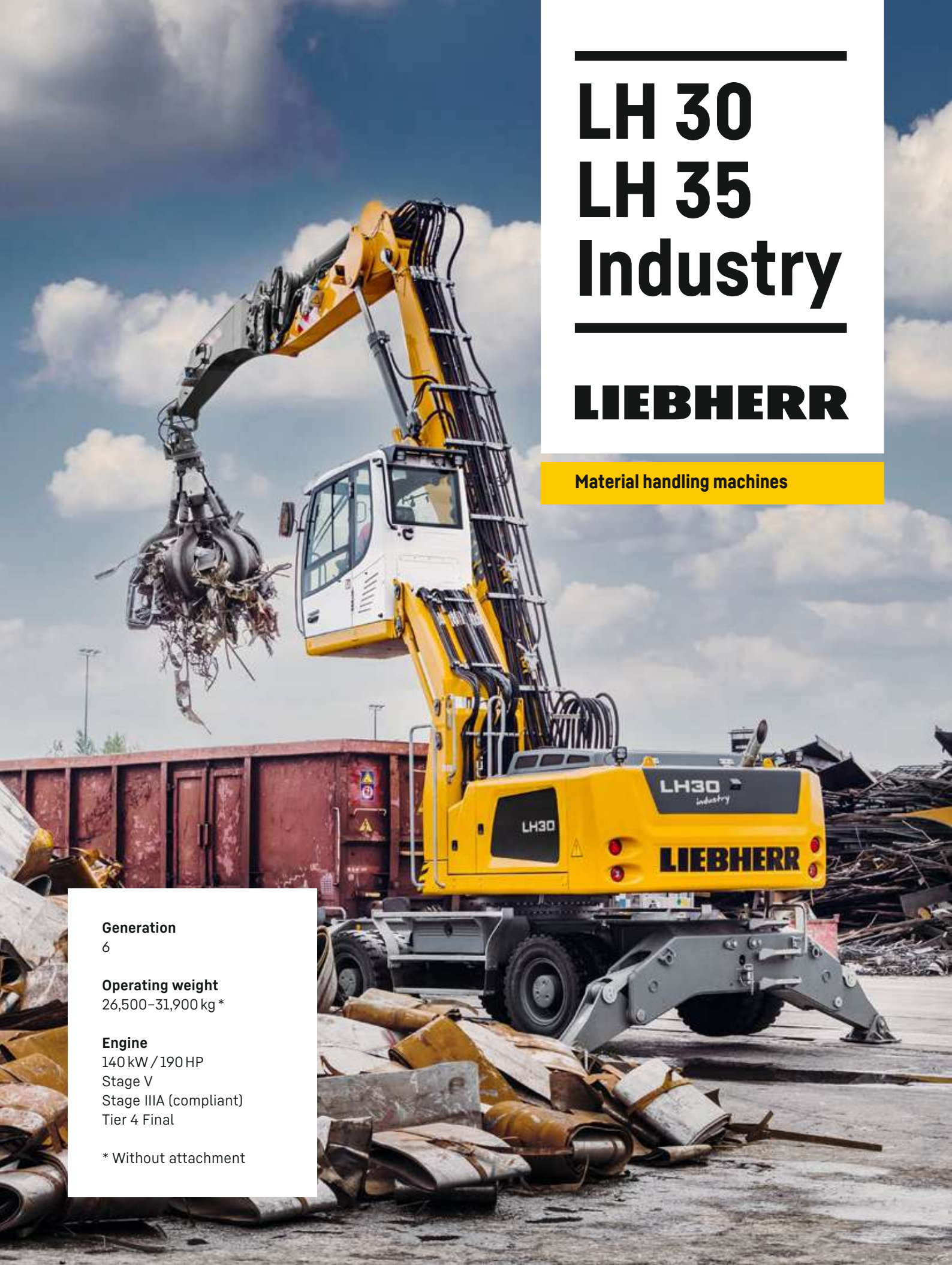
140 kW / 190 HP

Stage V

Stage IIIA (compliant)

Tier 4 Final

* Without attachment



Performance

Power plus speed –
Redefined performance

Economy

Good investment –
Savings for long-term

Reliability

Durability and sustainability –
Quality down to the last detail

Comfort

Perfection at a glance –
When technology is comfortable

Maintainability

Efficiency bonus –
Even with maintenance and service



* Without attachment



LH 30 M Industry Litronic

Operating weight
26,500–29,100 kg *

Engine
140 kW / 190 HP
Stage V
Stage IIIA (compliant)
Tier 4 Final

LH 35 M Industry Litronic

Operating weight
30,700–31,900 kg *

Engine
140 kW / 190 HP
Stage V
Stage IIIA (compliant)
Tier 4 Final

LH 30 C Industry Litronic

Operating weight
27,100–30,200 kg *

Engine
140 kW / 190 HP
Stage V
Stage IIIA (compliant)
Tier 4 Final

Performance



Power plus speed – Redefined performance

Liebherr has been designing and manufacturing market leading material handling machines for over 60 years. The generation of Liebherr handlers, the LH 30 and LH 35 are high performance yet economical machines specially designed for use in scrap recycling, in timber yards and also for bulk handling.

Maximum handling capacity

High engine performance

The optimized design of the 140 kW engine supplies a high torque output for fast and strong movements. Load peaks are cleverly compensated for to ensure that maximum torque is available at all times for highest handling capacity.

High swing torque

The separate hydraulic pump in the closed slewing circuit only supplies hydraulic fluid to the swing mechanism. The maximum delivery volume is thus available at any time for turning the uppercarriage for fast and dynamic rotational movements.

Captivating dynamics

The combination of 140 kW of engine output and high pump delivery volume guarantees maximum acceleration and speed of working motions.

Precision operation

Intelligent electronics

The elaborate machine controls guarantee that the hydraulics are optimally configured for the task at hand. Here, the load sensing control ensures that the flow delivered by the pump is optimally distributed when movements overlap. Speed and power are available whenever they are needed.

Sensitive hydraulics

The optimal harmonisation between the engine and the control valve allows a fast and direct response from the hydraulics to the input command. This is controlled proportionally to enable smooth and gentle movements to be executed when the joystick is moved.

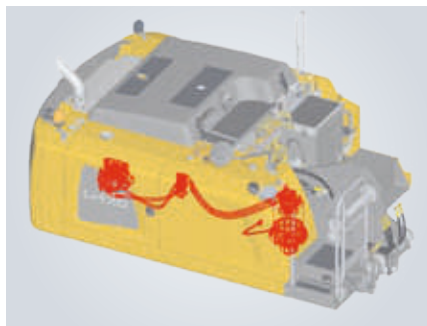
Firm and stable positioning

An essential prerequisite for precise working and maximum handling capacity is the firm and stable positioning of the machine. The design of the Liebherr undercarriage optimizes the way forces are induced on components to minimise stress and guarantee maximum stability and durability.



Liebherr diesel engine

- Powerful, robust and reliable
- Maximum torque even at low speeds to ensure fast movements with low fuel consumption
- Common-Rail injection system for maximum efficiency
- Emissions treatment with Liebherr SCR technology at stage V



Closed slewing circuit

- High torque for maximum acceleration and fast rotary movements
- Integrated speed sensor for controlling and monitoring braking movement for greater safety
- Greater fuel efficiency thanks to intelligent energy management in the closed system



Travel motor

- Powerful, robust, reliable and quiet
- Better performance even on uphill grades due to electrical swivel angle adjustment for more torque, maximum acceleration and more driving power
- Fuel efficiency at maximum speed due to optimal adjustment of speed and delivery volume

Economy



Good investment – Savings for long-term

Liebherr material handling machines combine high productivity with excellent economy – all as standard. Liebherr manages to achieve this difficult goal through sophisticated engine technology from its own production and improved demand-controlled hydraulics.

Fuel efficiency

Lower engine RPM

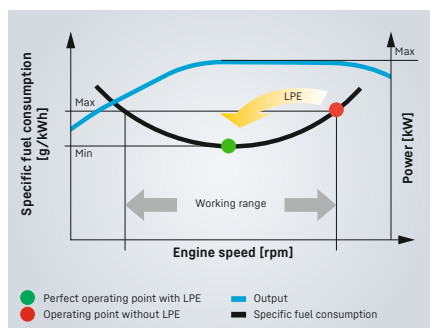
A low engine speed of 1,700 RPM and high torque values allow the operating point of the machine to be quickly achieved. This gives excellent fuel efficiency and high handling performance.

Engine idling and engine shut-down

The standard automatic idling function reduces the engine speed to idle as soon as the operator takes his hand from the joystick so that no hydraulic function is activated. Proximity sensors in the joystick levers restore the original engine speed as soon as the operator's hand is moved towards the lever again. This ensures that the set engine speed is available immediately. The result is a combination of fuel saving and reduced noise levels. Operating costs can be reduced even further with the optional automatic engine shut-down function.

Closed hydraulic circuit for the swing mechanism

The closed slewing circuit feeds the braking energy back into the system when the uppercarriage is braked. Here, new standards are set in terms of efficiency and economy. Simple yet effective.



Low fuel consumption thanks to intelligent machine control

- Liebherr-Power Efficiency (LPE) optimises the interaction of the drive components in terms of efficiency
- LPE enables machine operation in the area of the lowest specific fuel use for less consumption and greater efficiency with the same performance

Increased productivity

Attachments and quick coupling systems

Liebherr offers a wide selection of attachments for every application to increase the productivity of its material handling machines. In addition the material handlers can be fitted with a Liebherr quick coupling system which increase the productivity of the machine by up to 30%. The matching attachment and quick coupling system combined with the outstanding dynamics of a Liebherr handler ensures highest handling capacity and maximum productivity.

Efficient management

LiDAT, Liebherr's own data transmission and positioning system, facilitates efficient management, monitoring and control of the entire fleet park in terms of machinery data recording, data analysis, fleet park management and service. All of the important machinery data can be viewed at any time in a web browser. LiDAT offers you comprehensive work deployment documentation, greater availability thanks to shorter downtimes, faster support from the manufacturer, quicker detection of strain/overload and subsequently a longer service life of the machine as well as greater planning efficiency in your company. This service includes 1 year of use without charge as standard for the material handlers LH 30 and LH 35.



Liebherr attachments

- Robust and service-friendly slewing drive, can be turned 360°
- Optimum filling and clamping performance for effective material handling
- Finite element method (FEM) optimised for a perfect relationship between grapple weight, volume and a very long service life



Eco-Mode

- Reducing the engine speed by pressing a button
- Lower fuel consumption with unchanged high performance
- Economical and environmentally friendly working guaranteed
- Ideal for light to medium operations

Reliability



Durability and sustainability – Quality down to the last detail

Every day Liebherr material handlers demonstrate their qualities in a range of industrial applications all over the world. Years of experience, continuous development and the latest technologies provide maximum safety in use. Their robust, compact design and the use of components produced in-house ensure that the LH 30 and LH 35 are designed for a long service life.

More safety

Pipe fracture safety valves

The standard pipe fracture safety valves on the stick and hoist cylinders prevent the attachments from dropping in an unregulated way and ensure maximum safety during every operation.

Working range limiters

For operations in which the working range should be limited, the material handling machines can be equipped optional with a working range limitation feature. Hereby all types of dimensions can be set: height, depth, width and proximity. Collisions and resulting component damage can thus be avoided.

Overload warning device and load torque limitation

The acoustic and visual overload warning system continuously tells the operator about the current load situation of the machine. Furthermore, load torque limitation automatically regulates the speed of the working hydraulics to allow the maximum load bearing capacity to be approached safely. In the event of an overload, the functions which could cause the machine to topple are disabled. Only movements back to the safe working range are then possible.

High machine availability

Quality and competence

Our experience, understanding of customer needs and the technical implementation of these findings guarantee the success of the product. For decades, Liebherr has been inspirational with its depth of production and system solutions. Key components such as the diesel engine, electronic components, slew ring, swivel drive and hydraulic cylinders are developed and produced by Liebherr itself. The great extent of in-house manufacturing guarantees maximum quality and ensures that components are optimally configured to each other.

Robust design

All steel components are designed and manufactured by Liebherr itself. High-strength steel plates configured for the toughest of requirements result in high torsional stiffness and optimum absorption of forces induced for a longer service life.

Intelligent self diagnostics

The clever control electronics permanently monitor the vital functions of the machine to guarantee a high level of machine availability. Components which are critical for safety are designed with redundancy to guarantee maximum reliability.



QPDM – Quality and process data management

- QPDM allows production data to be logged, documented and evaluated
- Automation of documentation and test specifications
- Ability to handle large quantities with maintain uniform high quality



Dust-intensive jobs

- Large-dimension radiator with large mesh for optimum cooling performance even in very dusty places
- Sealed engine compartment prevent dust penetration
- Reversible fan reduces the rate at which the engine and radiator become clogged and guarantee good machine availability



Attachment

- Components enhanced using FEM for maximum service life even if subjected to heavy lateral stresses during demanding tasks
- Cables routed internally to protect them from damage
- High load capacities with long reaches
- Reaches over 20 m

Comfort



Perfection at a glance – When technology is comfortable

The Liebherr deluxe cab is spacious, has an ergonomic design and is very quiet. This ensures that the operator remains intent and fully concentrated throughout the working day and enables him to deliver a constantly high performance.

Deluxe cab

Ergonomic design

The modern cab design provides excellent conditions for healthy, concentrated and productive work in maximum comfort. The colour touchscreen display, the controls and operator's seat Comfort are all coordinated to form a perfect ergonomic unit. In addition the ergonomic joysticks allow the machine operation to be both pleasant and precise.

Excellent all-round vision

The large areas of glass, different versions of cab elevations and the rear and side area monitoring systems provide the operator with an excellent view of his working area and the zone around the machine. This perfect view enhances the operator's safety and ensures that he can handle the machine safely at all times.

Low noise levels

The use of viscoelastic mounts, good insulation and low-noise diesel engines from Liebherr minimises noise emissions and vibrations. This means that the material handlers LH 30 and LH 35 have low noise to preserve people and the environment.

Comfortable operation

Proportional control

Precision control of the material handling machine are especially important in applications such as waste separation or scrap recycling. Thanks to the standard proportional control, even such demanding operations can be mastered in style.

Steering and stabilizer on joystick

The standard joystick steering gives the operator an additional comfort boost. The steering movement can be conveniently executed using the joystick, eliminating the need to reposition during the work cycle. Abandoning the steering wheel in favour of joystick steering provides additional legroom and a clear view of the working area. A standard feature is the control of the outriggers with the joystick for more comfort and an increased productivity of the machine.

Colour touchscreen display and operation unit

The 9" colour touchscreen display is intuitive in its operation and provides continuous information about all important operating data. The shortcut keys can be individually assigned and are selected quickly and easily with the menu strip.



Safe access

- Foldable arm console for a safe and comfortable access
- Wide, non-slip steps and ergonomically positioned handles for an easy and safe access
- All access systems are designed to national guidelines and statutory regulations

Operator's seat comfort with adjustable armrests

- Greater seating comfort due to variable damper hardness, lockable horizontal suspension, pneumatic lumbar support, seat heating and passive seat air conditioning for concentrated working
- Individual adjustment options for armrests, seat cushion depth, seat angle and head restraint for healthful working

Joystick with proportional control

- Good functionality with streamlined, ergonomic design
- 4-way mini joystick can be used to control all operations e.g. steering, outriggers and attachments etc.
- Joysticks – each with two buttons and a rocker switch – also increase the number of functions and thanks to the new design maximum reliability is guaranteed

Maintainability



Efficiency bonus – Even with maintenance and service

The Liebherr LH 30 and LH 35 material handling machines are powerful, robust, precise and efficient. They also feature integral maintenance benefits as a result of their service-based design. All maintenance work for Liebherr material handlers can be carried out quickly, easily and safely. This minimises the machine's maintenance costs and downtime.

Elaborate maintenance concept

Service-based machine design

The service-based machine design guarantees short servicing times, thus minimising maintenance costs due to the time it saves. All the maintenance points are easily accessible from the ground and easy to reach due to the large, wide-opening service doors. The enhanced service concept places the maintenance points close to each other and reduces their number to a minimum. This means that service work can be completed even more quickly and efficiently.

Integral maintenance benefits

Maintenance work helps to keep the machine fully functional. However this kind of work leads to machine downtimes which must be minimised. With change intervals of up to 2,000 hours for engine oil and up to 8,000 hours for hydraulic oil, Liebherr has significantly reduced the amount of maintenance and increased the productivity of the material handlers. In addition, central lubrication systems minimise daily maintenance.

Your competent service partner

Remanufacturing

The Liebherr remanufacturing program offers cost-effective reconditioning of components to the highest quality standards. Various reconditioning levels are available: Replacement components, general overhaul or repair. The customer receives components with original part quality at a reduced cost.

Competent advice and service

Competent advice is given at Liebherr. Experienced specialists provide decision guidance for your specific requirements: application-oriented sales support, service agreements, value-priced repair alternatives, original parts management, as well as remote data transmission for machine planning and fleet management.

Fast spare parts service

The Liebherr spare parts service provides 24-hour delivery and is therefore available to our dealers around the clock. Thanks to the electronic spare parts catalogue, the parts can be selected and ordered quickly and reliably using the Liebherr online portal. Your order can be tracked at any time using the online tracking system.



Lubrication as it works

- Fully automatic central lubrication system for uppercarriage and equipment
- Can be extended as an option to the connection link, quick coupler and attachment
- Fully automatic central lubrication system for the undercarriage available as an option
- Lubricates without interrupting work to ensure better productivity and a long component service life



Excellent service access

- Large, wide-opening service doors
- Engine oil, fuel, air and cab air filters are easily and safely accessible from the ground
- The oil level in the hydraulic tank can be checked from the cab
- Short service times for more productivity



SCRFilter for stage V

- The SCR filter system developed by Liebherr includes a DOC catalyst, an SCR catalyst and an SCR-coated particulate filter
- The DOC catalyst requires no maintenance and the coated particulate filter is regenerated passively
- The maintenance intervals can be extended to more than 4,500 operating hours

Material handling machines overview

Equipment

- High load capacities and long reaches thanks to optimised kinematic properties and robust construction for greater handling performance
- Ingenious routing of hydraulic hoses optimises the oil flow and minimises power losses for maximum energy efficiency
- Pipe fracture safety valves on hoist and stick cylinders and retract stick shut-off for maximum safety during every application
- Quick coupling systems and attachments made by Liebherr for maximum machine capacity utilisation and greater handling performance

Operator's cab

- Joystick steering without steering column as standard for convenient operation, greater legroom and clear view of the working area
- Less strain on the operator, workers and reduced environmental pollution due to lower noise emissions
- Optimum visibility thanks to large glass surfaces and standard rear and side area monitoring with camera
- Proportional control as standard with 4-way mini joystick for greater precision, high precision control and functions





Uppercarriage

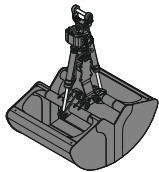
- Greater fuel efficiency thanks to the latest engine technology with intelligent machine control
- 140 kW engine output and a high pump flow for fast work cycles, convincing dynamics and maximum handling performance
- Reversible fan and large-meshed cooler as a reliable, sealed unit for high machine availability
- Reduction in operating costs thanks to built-in maintenance advantages and optimum service accessibility

Undercarriage

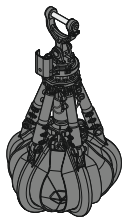
- Optimised hydraulics with closed slewing mechanism circuit for greater fuel efficiency and faster work cycles
- Maximum acceleration and high drawbar pull thanks to the travel motor for greater travelling performance
- Load-holding valves fitted as standard on all support cylinders for maximum stability in every application
- Fewer downtimes thanks to maintenance-free support cylinders

The perfect solution for every application

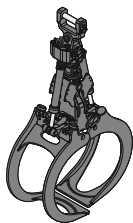
Attachments



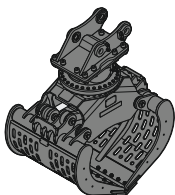
Clamshell grab



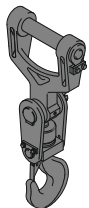
Multi-tine grab



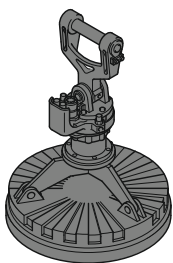
Wood grab



Sorting grab

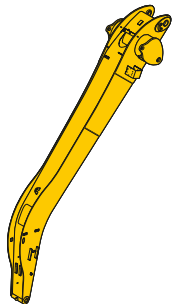


Load hook

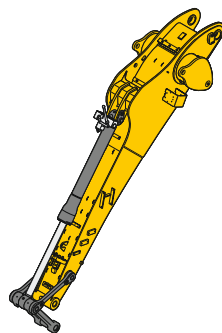


Magnet devices

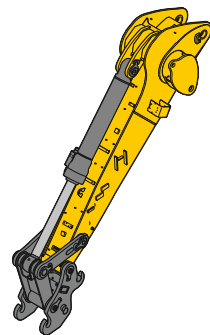
Sticks



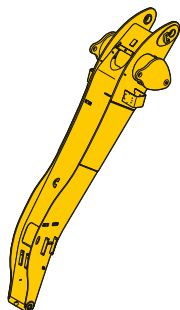
Angled stick



Lightweight stick

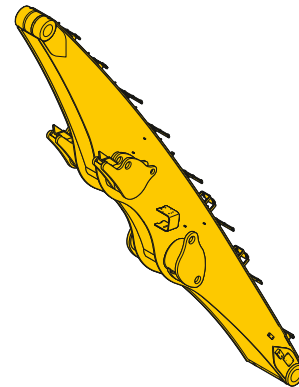


Stick with tipping kinematics

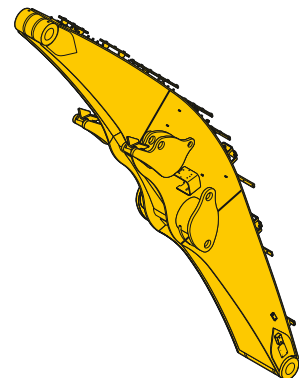


Straight stick

Booms

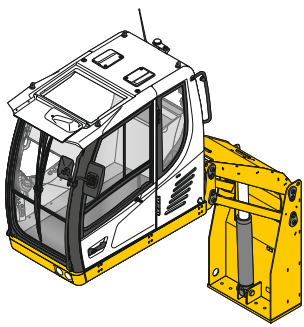


Straight boom



Angled boom

Cab elevations



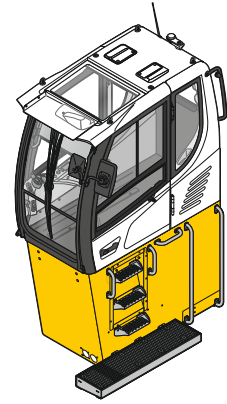
Hydraulic cab elevation



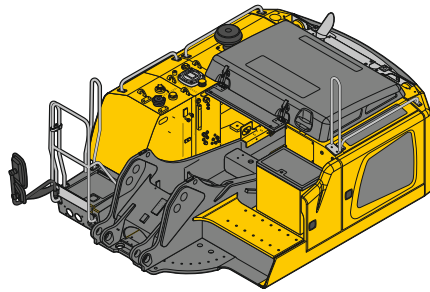
30° tilt function



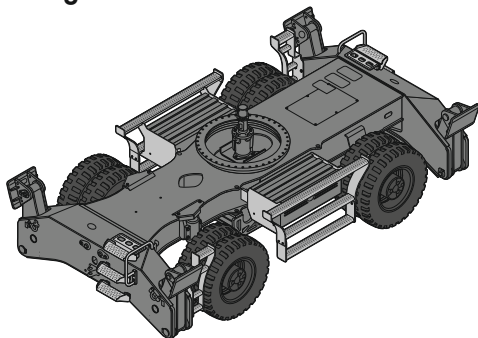
Rigid cab elevation



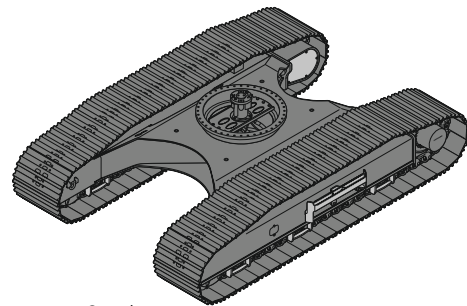
Uppercarriage



Undercarriage



Mobile



Crawler

Technical data



Diesel engine

Rating per ISO 9249	140kW (190HP) at 1,700RPM
Model	Liebherr D934
Type	4 cylinder in-line
Bore / Stroke	122 / 150mm
Displacement	7.0l
Engine operation	4-stroke diesel Common-Rail Turbo-charged and after-cooled Reduced emissions
Air cleaner	Dry-type air cleaner with pre-cleaner, primary and safety elements
Engine idling	Sensor controlled
Electrical system	
Voltage	24V
Batteries	2 x 135Ah / 12V
Alternator	Three-phase current 28V / 140A
Stage V	
Harmful emissions values	According to regulation (EU) 2016/1628
Emission control	Liebherr-SCRFilter technology
Fuel tank	320l
Urea tank	46l
Stage IIIA (compliant)	
Harmful emissions values	In accordance with ECE-R.96 Power Band H
Fuel tank	320l
Tier 4 Final	
Harmful emissions values	In accordance with 40CFR1039 (EPA) / 13CCR (CARB)
Emission control	Liebherr-SCR technology
Fuel tank	320l
Urea tank	46l



Cooling system

Diesel engine	Water-cooled Compact cooling system consisting cooling unit for water, hydraulic oil and charge air with stepless thermostatically controlled fan
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Hydraulic controls

Power distribution	Via control valves with integrated safety valves, simultaneous actuation of chassis and equipment. Swing drive in separate closed circuit
Servo circuit	
Equipment and swing	With hydraulic pilot control and proportional joystick levers
Chassis	
Mobile	Electro-proportional via foot pedal
Crawler	With hydraulic proportionally functioning foot pedals or adjusted with plugable levers
Additional functions	Via switch or electro-proportional foot pedals
Proportional control	Proportionally acting transmitters on the joysticks for additional hydraulic functions



Hydraulic system

Hydraulic pump	For equipment and travel drive	2 Liebherr axial piston variable displacement pumps (double construction)
Max. flow		2 x 231 l/min.
Max. pressure		350 bar
For swing drive		Reversible axial piston variable displacement pump, closed-loop circuit
Max. flow		140l/min.
Max. pressure		420 bar
Hydraulic pump regulation and control		Liebherr-Synchron-Comfort-system (LSC) with electronic engine speed sensing regulation, pressure and flow compensation
Hydraulic tank		175l
Hydraulic system		430l
Filtration		1 main return filter with integrated partial micro filtration (5µm)
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 material handling and heavy-duty jobs
S (Sensitive)		Mode for precision work and lifting through very sensitive movements
E (Eco)		Mode for especially economical and environmentally friendly operation
P (Power)		Mode for high performance with low fuel consumption
P+ (Power-Plus)		Mode for highest performance and for very heavy duty applications, suitable for continuous operation
Engine speed and performance setting		Stepless alignment of engine output and hydraulic power via engine speed
Option		Tool Control: 20 pre-adjustable pump flows and pressures for add-on attachments



Swing drive

Drive	Liebherr axial piston motor in a closed system, Liebherr planetary reduction gear
Swing ring	Liebherr, sealed race ball bearing swing ring, internal teeth
Swing speed	0-9.7 RPM stepless
Swing torque	71 kNm
Holding brake	Wet multi-disc (spring applied, pressure released)
Operation holding brake (Option)	Slewing gear brake Comfort



Cab

Cab	TOPS safety cab structure (tip-over protection) with individual windscreens or featuring a slide-in subpart under the ceiling, work headlights integrated in the ceiling, a door with a sliding window (can be opened on both sides), large stowing and depositing possibilities, shock-absorbing suspension, sound damping insulating, tinted laminated safety glass, separate shades for the sunroof window and windscreen
Operator's seat Comfort	Air cushioned operator's seat with 3D-adjustable armrests, headrest, lap belt, seat heater, adjustable seat cushion inclination and length, lockable horizontal suspension, automatic weight adjustment, adjustable suspension stiffness, pneumatic lumbar vertebrae support and passive seat climatization with active coal
Operator's seat Premium (Option)	In addition to operator's seat comfort: active electronic weight adjustment (automatic readjustment), pneumatic low frequency suspension and active seat climatization with active coal and ventilator
Arm consoles	Joysticks with control consoles and swivel seat, folding left control console
Operation and displays	Large high-resolution operating unit, self-explanatory, colour 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
Refrigerant	R134a
Global warming potential	1,430
Quantity at 25 °C*	1,400-1,500 g
CO ₂ equivalent*	2.002-2.145 t
Vibration emission**	
Hand / arm vibrations	< 2.5 m/s ²
Whole-body vibrations	< 0.5 m/s ²
Measuring inaccuracy	According with standard EN 12096:1997



Equipment

Type	High-strength steel plates at highly-stressed points for the toughest requirements. Complex and stable mountings of equipment and cylinders
Hydraulic cylinders	Liebherr cylinders with special sealing and guide system and, depending on cylinder type, shock absorption
Bearings	Sealed, low maintenance



Undercarriage

Mobile	
Drive	Oversized two speed power shift transmission with additional creeper speed, Liebherr axial piston motor with functional brake valve on both sides
Travel speed	0- 3.5 km/h stepless (creeper speed + transmission stage 1) 0- 7.0 km/h stepless (transmission stage 1) 0-12.0 km/h stepless (creeper speed + transmission stage 2) 0-12.0 km/h stepless (transmission stage 2)
Joystick steering	0- 3.5 km/h stepless (creeper speed + transmission stage 1) 0- 7.0 km/h stepless (transmission stage 1) 0-13.0 km/h stepless (creeper speed + transmission stage 2) 0-20.0 km/h stepless (transmission stage 2)
Wheel steering (Option)	0- 3.5 km/h stepless (creeper speed + transmission stage 1) 0- 7.0 km/h stepless (transmission stage 1) 0-13.0 km/h stepless (creeper speed + transmission stage 2) 0-20.0 km/h stepless (transmission stage 2)
Driving operation	Automotive driving using accelerator pedal, cruise control function: storage of variable accelerator pedal positions
Axles	40 t / 60 t drive axles (LH 30 M / LH 35 M); manual or automatic hydraulically controlled front axle oscillation lock
Option	Four wheel steering (LH 35 M)
Service brake	Two circuit travel brake system with accumulator; wet and backlash-free disc brake
Holding brake	Wet multi-disc (spring applied, pressure released)
Stabilization	4 point outriggers
Option	Dozer blade, at the front, for 4 point outriggers
Crawler	
Versions	LC, EW
Drive	Liebherr compact planetary reduction gear with Liebherr axial piston motor per side of undercarriage
Travel speed	0-3.0 km/h stepless (creeper speed) LC undercarriage 0-3.0 km/h stepless (creeper speed) EW undercarriage 0-4.7 km/h stepless LC undercarriage 0-4.1 km/h stepless EW undercarriage
Brake	Functional brake valves on both sides
Holding brake	Wet multi-disc (spring applied, pressure released)
Track pads	Triple grouser
LC (Option)	Rubber



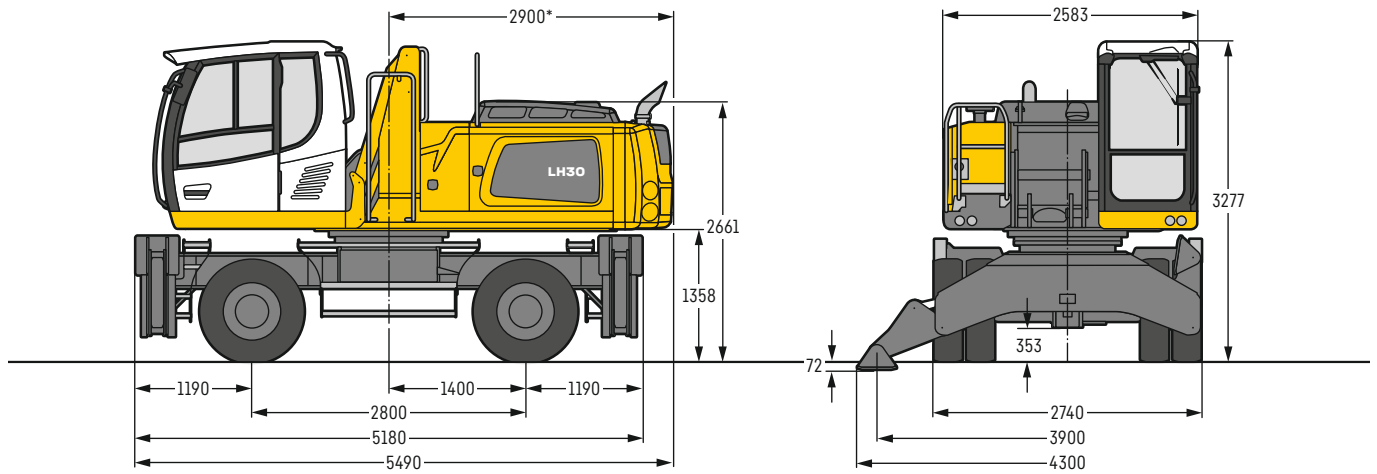
Complete machine

Lubrication	Liebherr central lubrication system for uppercarriage and equipment, automatically
Mobile (Option)	Liebherr central lubrication system for undercarriage, automatically
Steps system	Safe and durable access system with anti-slip steps; main components hot-galvanised
Noise emission	
ISO 6396 (Stage V)	70 dB(A) = L _{PA} (inside cab)
2000/14/EC (Stage V)	103 dB(A) = L _{WA} (surround noise)
ISO 6396 (Stage IIIA compliant)	71 dB(A) = L _{PA} (inside cab)
2000/14/EC (Stage IIIA compliant)	103 dB(A) = L _{WA} (surround noise)
ISO 6396 (Tier 4 Final)	71 dB(A) = L _{PA} (inside cab)
2000/14/EC (Tier 4 Final)	103 dB(A) = L _{WA} (surround noise)

* depending on configuration

** for risk assessment according to 2002/44/EC see ISO/TR 25398:2006

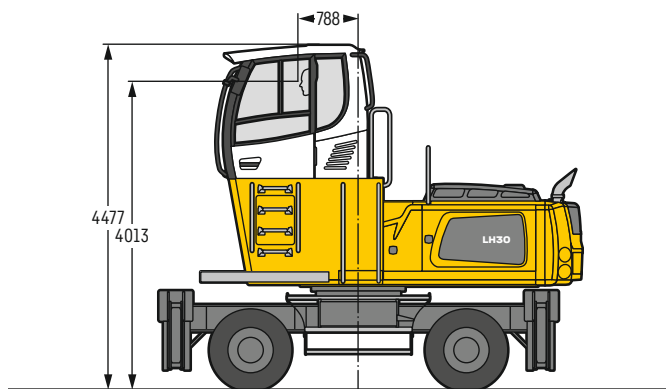
LH 30 M – Dimensions



* 3,030 mm with heavy counterweight

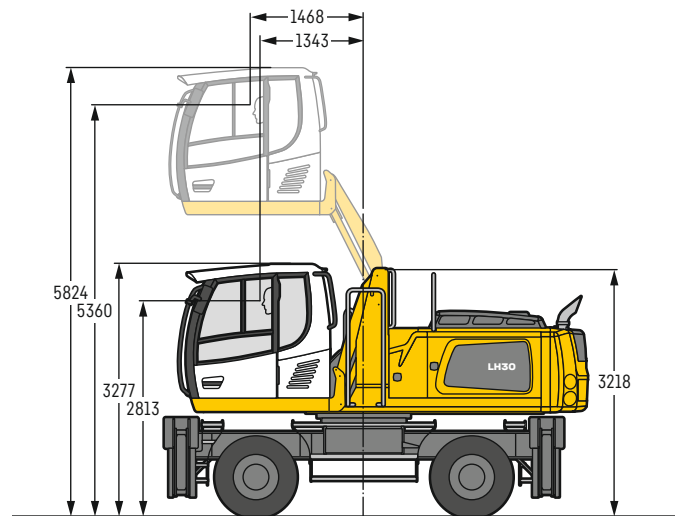
LH 30 M – Choice of cab elevation

**Cab elevation LFC 120
(rigid elevation)**



A rigid cab elevation has a fixed eye level height. For a lower transport height, the shell of the cab can be removed and replaced by a transport device. The dimension 4,477 mm is in this machine design for all rigid cab elevations 3,581mm.

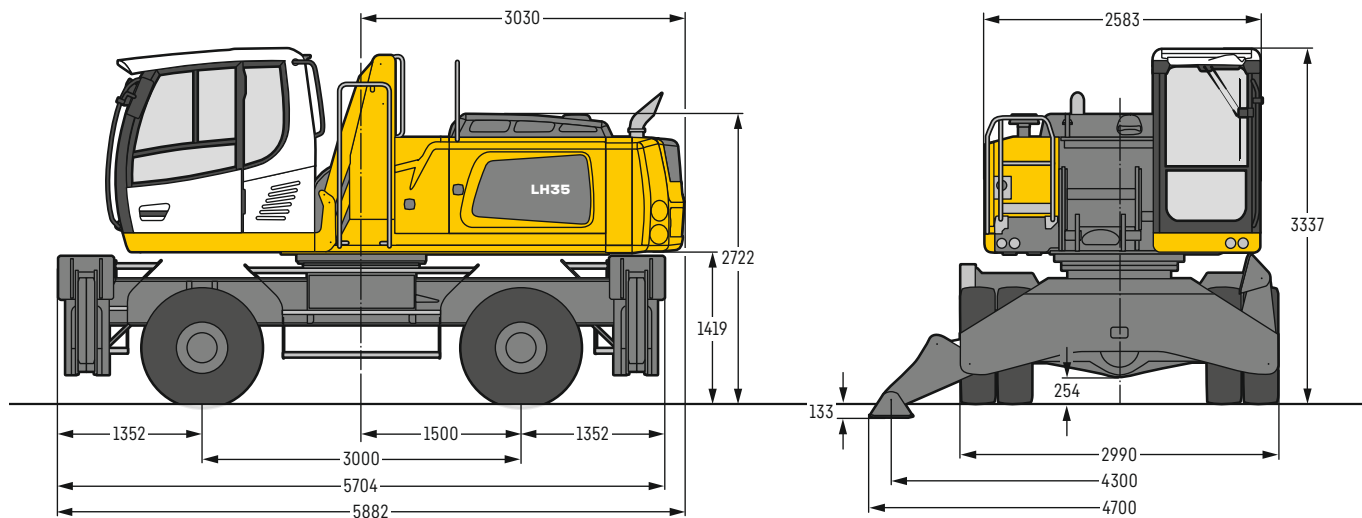
**Cab elevation LHC 255
(hydraulic elevation)**



The hydraulically adjustable cab allows the driver, that he can choose his field of view freely and at any time within the stroke.

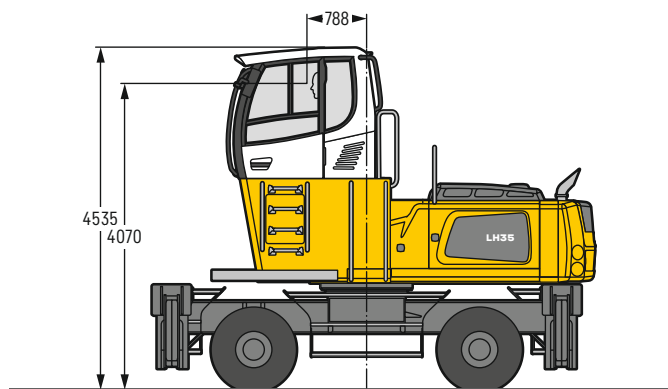
Tyres 10.00-20

LH 35 M – Dimensions



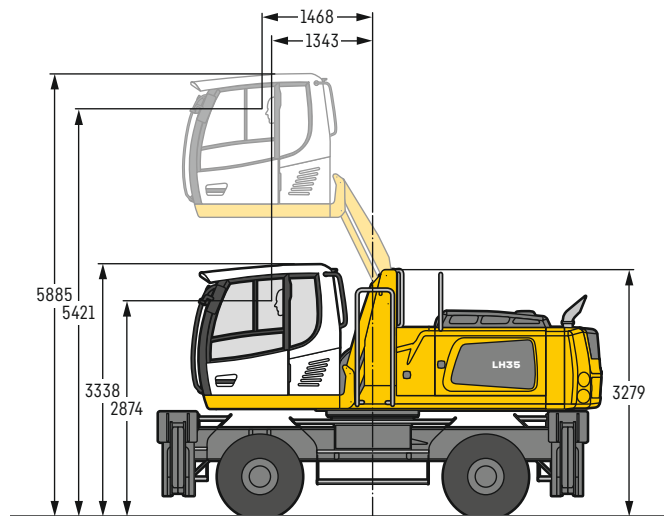
LH 35 M – Choice of cab elevation

**Cab elevation LFC 120
(rigid elevation)**



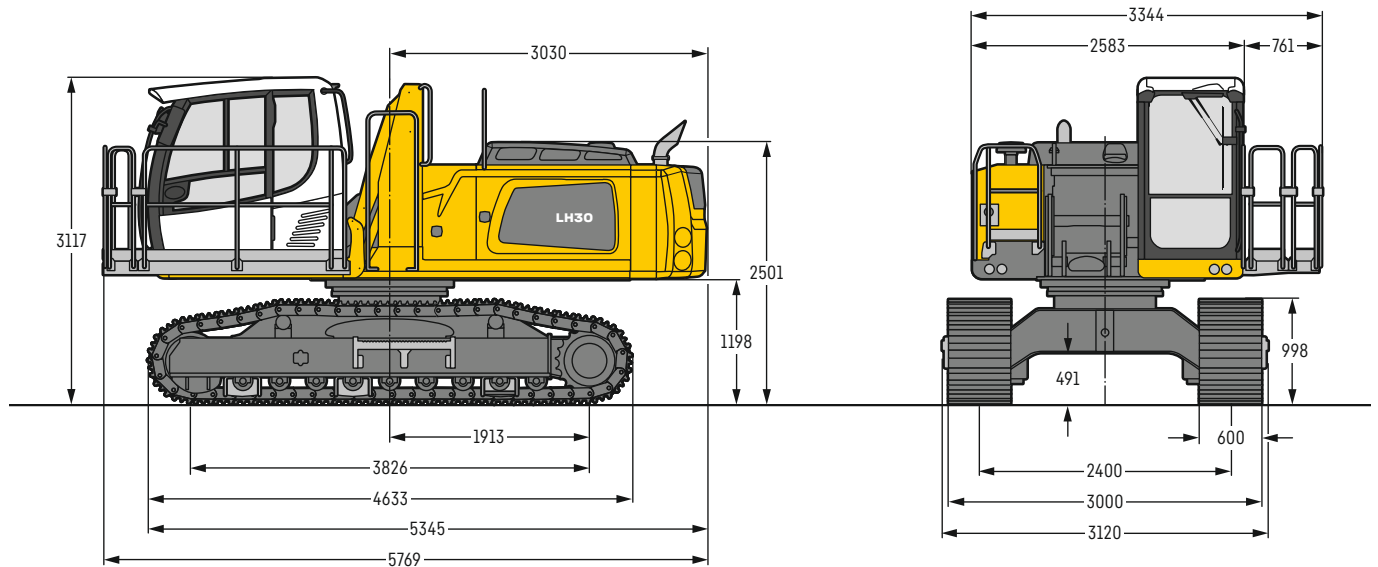
A rigid cab elevation has a fixed eye level height. For a lower transport height, the shell of the cab can be removed and replaced by a transport device. The dimension 4,535 mm is in this machine design for all rigid cab elevations 3,639 mm.

**Cab elevation LHC 255
(hydraulic elevation)**



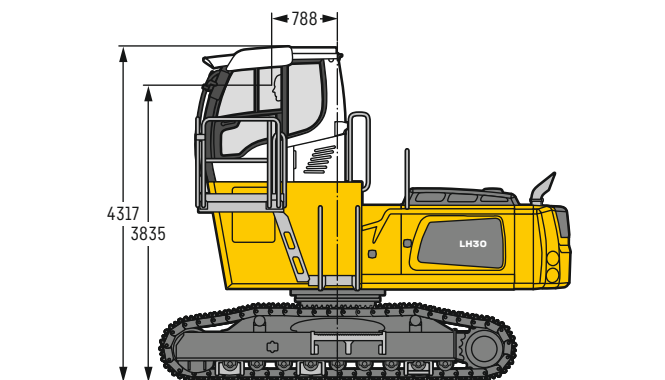
The hydraulically adjustable cab allows the driver, that he can choose his field of view freely and at any time within the stroke.

LH 30 C LC – Dimensions



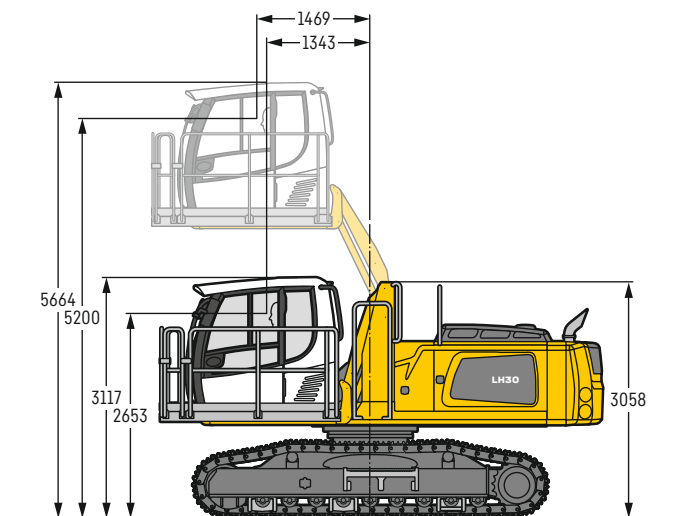
LH 30 C LC – Choice of cab elevation

**Cab elevation LFC 120
(rigid elevation)**



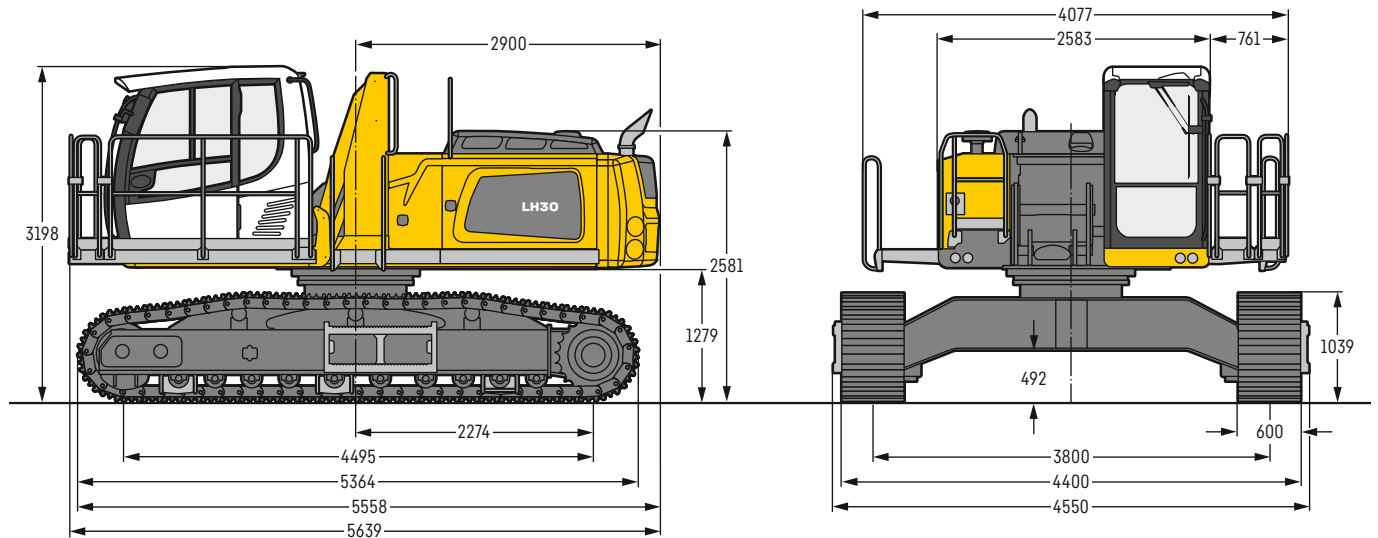
A rigid cab elevation has a fixed eye level height. For a lower transport height, the shell of the cab can be removed and replaced by a transport device. The dimension 4,317 mm is in this machine design for all rigid cab elevations 3,421 mm.

**Cab elevation LHC 255
(hydraulic elevation)**



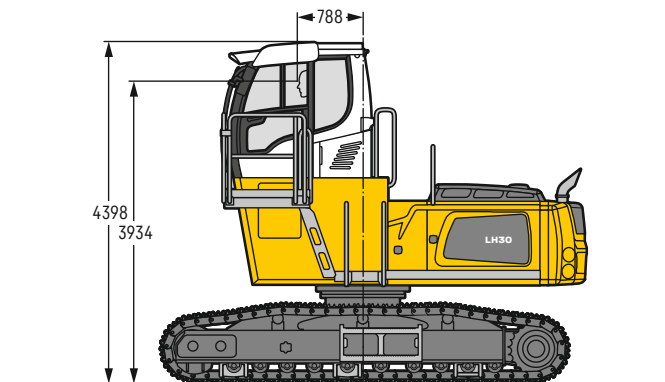
The hydraulically adjustable cab allows the driver, that he can choose his field of view freely and at any time within the stroke.

LH 30 C EW – Dimensions



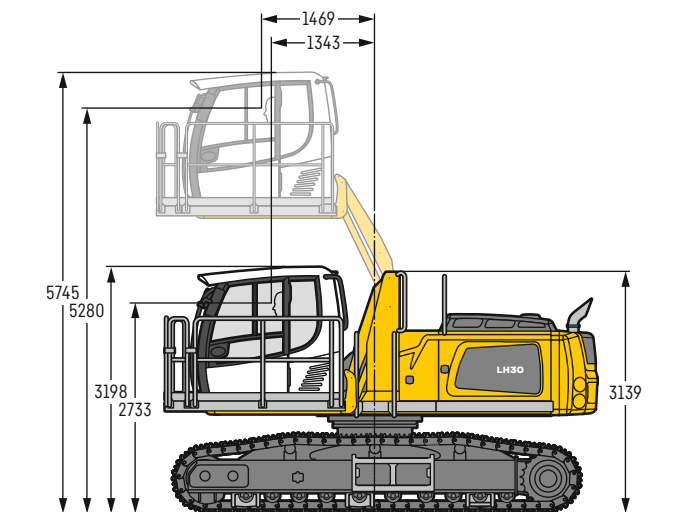
LH 30 C EW – Choice of cab elevation

**Cab elevation LFC 120
(rigid elevation)**



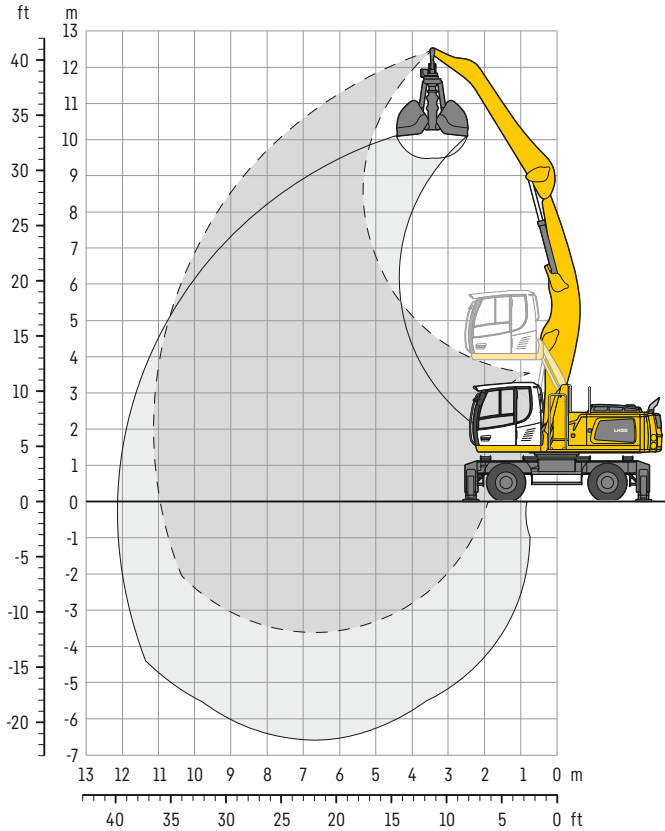
A rigid cab elevation has a fixed eye level height. For a lower transport height, the shell of the cab can be removed and replaced by a transport device. The dimension 4,398 mm is in this machine design for all rigid cab elevations 3,502 mm.

**Cab elevation LHC 255
(hydraulic elevation)**

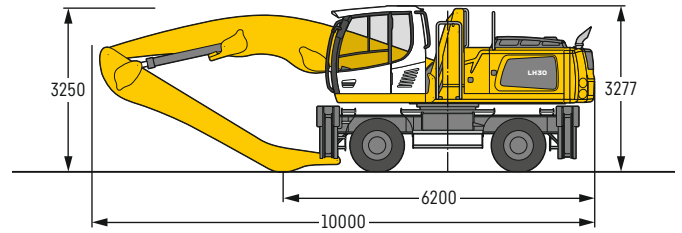


The hydraulically adjustable cab allows the driver, that he can choose his field of view freely and at any time within the stroke.

LH 30 M – Equipment AF11



Dimensions



Operating weight

The operating weight includes the basic machine with 4 point outriggers, hydr. cab elevation, 8 solid tyres plus intermediate rings, angled boom 6.50 m, flat angled stick 5.00 m and grab for loose material GM 20C/1.50 m³.

Weight 28,700 kg

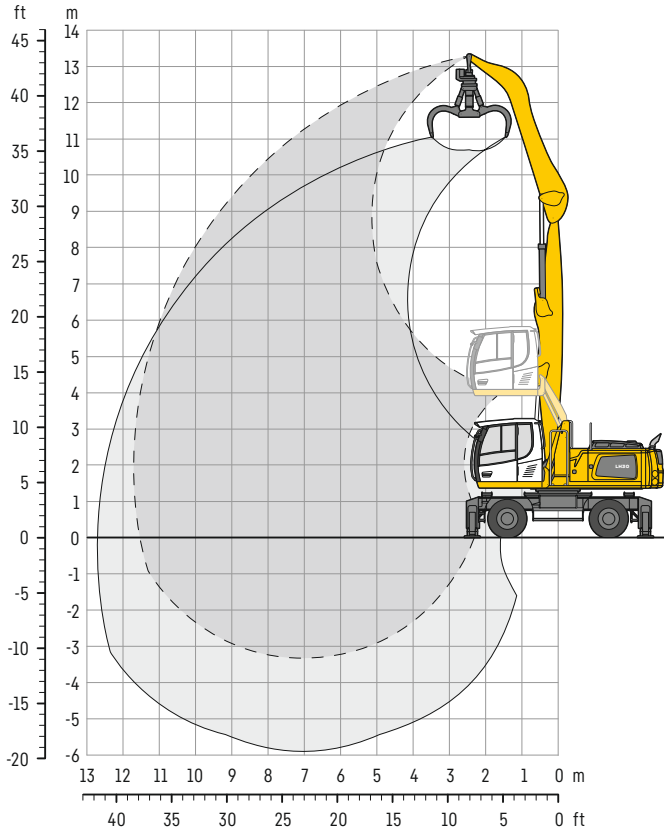
m	Undercarriage	3.0m		4.5m		6.0m		7.5m		9.0m		10.5m		12.0m		13.5m		15.0m		Max. reach		m	
		Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down		
12.0	Stabilizers raised			6.4*	6.4*																6.1*	6.1*	4.7
	4 pt. outriggers down			6.4*	6.4*																6.1*	6.1*	4.7
10.5	Stabilizers raised					6.1	6.8*														4.5	4.9*	7.1
	4 pt. outriggers down					6.8*	6.8*														4.9*	4.9*	7.1
9.0	Stabilizers raised					6.2	7.2*	4.3	5.6												3.3	4.4	8.6
	4 pt. outriggers down					7.2*	7.2*	6.5*	6.5*												4.5*	4.5*	8.6
7.5	Stabilizers raised					6.2	7.3*	4.3	5.6	3.1	4.1										2.7	3.6	9.7
	4 pt. outriggers down					7.3*	7.3*	6.5*	6.5*	5.9*	5.9*										4.3*	4.3*	9.7
6.0	Stabilizers raised					6.0	7.6*	4.2	5.5	3.0	4.1										2.3	3.1	10.4
	4 pt. outriggers down					7.6*	7.6*	6.7*	6.7*	6.0*	6.0*										4.2*	4.2*	10.4
4.5	Stabilizers raised			8.8	10.2*	5.6	7.5	4.0	5.3	2.9	3.9	2.2	3.0								2.1	2.9	10.9
	4 pt. outriggers down			10.2*	10.2*	8.3*	8.3*	7.0*	7.0*	5.9	6.1*	4.6	5.3*								4.2*	4.2*	10.9
3.0	Stabilizers raised	14.5	18.1*	7.9	10.9	5.2	7.0	3.7	5.0	2.8	3.8	2.2	3.0								2.0	2.7	11.1
	4 pt. outriggers down	18.1*	18.1*	11.9*	11.9*	9.0*	9.0*	7.4*	7.4*	5.7	6.2*	4.5	5.3*								4.1	4.4*	11.1
1.5	Stabilizers raised	5.5*	5.5*	6.9	9.8	4.7	6.5	3.5	4.7	2.6	3.6	2.1	2.9								1.9	2.6	11.1
	4 pt. outriggers down	5.5*	5.5*	13.0*	13.0*	9.6*	9.6*	7.3	7.6*	5.6	6.2*	4.4	5.1*								4.1	4.6*	11.1
0	Stabilizers raised	4.7*	4.7*	6.3	9.2	4.4	6.1	3.2	4.5	2.5	3.5	2.0	2.8								1.9	2.7	11.0
	4 pt. outriggers down	4.7*	4.7*	13.1*	13.1*	9.6*	9.6*	7.0	7.5*	5.4	6.1*	4.3	4.8*								4.1	4.4*	11.0
-1.5	Stabilizers raised	5.6*	5.6*	6.0	8.8	4.1	5.9	3.1	4.4	2.4	3.4	2.0	2.8								2.0	2.8	10.6
	4 pt. outriggers down	5.6*	5.6*	11.1*	11.1*	9.0*	9.0*	6.9	7.1*	5.3	5.6*	4.1*	4.1*								4.0*	4.0*	10.6
-3.0	Stabilizers raised			6.0	8.8	4.1	5.8	3.0	4.3	2.4	3.4										2.4	3.3	9.1
	4 pt. outriggers down			9.8*	9.8*	7.7*	7.7*	6.1*	6.1*	4.6*	4.6*										4.5*	4.5*	9.1

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

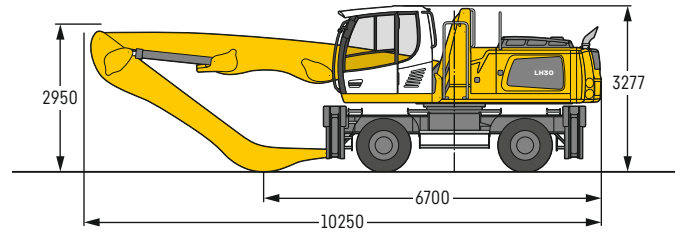
The lift capacities on the stick end without attachment are stated in metric tons (t) and are valid on a firm, level supporting surface with blocked oscillating axle. These capacities can be slewed through 360° with the undercarriage in the transverse position. Capacities in the longitudinal position of the undercarriage (±15°) are specified over the steering axle with the stabilizers raised and over the rigid axle with the stabilizers down. Indicated loads based on the ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity. The lift capacity of the unit is limited by its stability, the lifting capability of the hydraulic elements, or the maximum permissible lifting capacity of the load hook.

In accordance with the harmonised European Standard EN 474-5, hydraulic excavators used for lifting operations must be equipped with pipe fracture safety valves, an overload warning device, a load hook and a lift capacity chart.

LH 30 M – Equipment GA12
























Dimensions



Operating weight

The operating weight includes the basic machine with 4 point outriggers, hydr. cab elevation, 8 solid tyres plus intermediate rings, straight boom 6.80 m, angled stick 5.00 m and multi-tine grab GM 65 / 0.60 m³ semi-closed tines.

Weight 28,400 kg

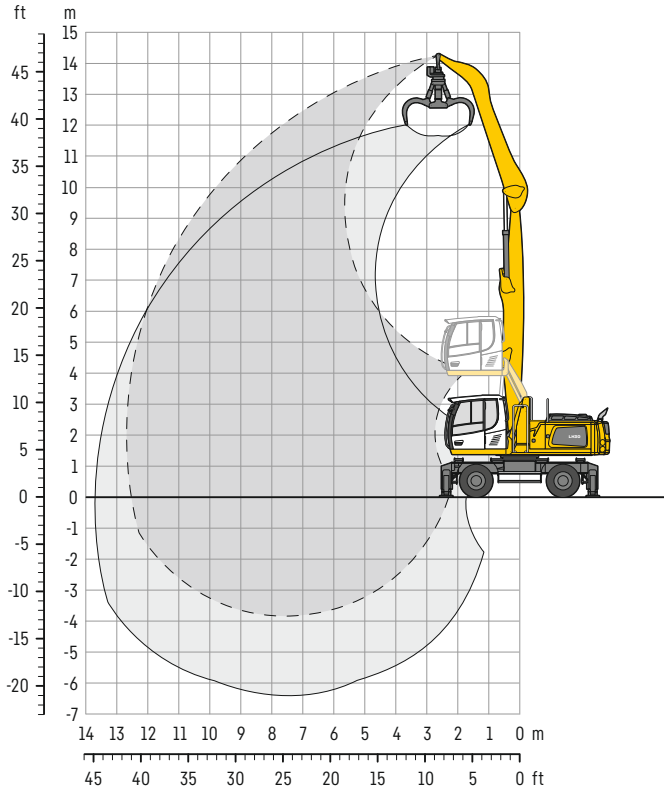
m	Undercarriage	3.0m		4.5m		6.0m		7.5m		9.0m		10.5m		12.0m		13.5m		15.0m				m			
																									
12.0	Stabilizers raised			8.4*	8.4*																5.8	6.1*	5.9		
	4 pt. outriggers down			8.4*	8.4*																	6.1*		6.1*	
10.5	Stabilizers raised					6.0	7.9	4.1	5.4													3.6	4.8	8.0	
	4 pt. outriggers down					8.1*	8.1*	6.2*	6.2*													5.0*	5.0*		
9.0	Stabilizers raised					6.1	7.9*	4.2	5.5	3.0	4.0											2.8	3.7	9.3	
	4 pt. outriggers down					7.9*	7.9*	6.9*	6.9*	5.6*	5.6*											4.6*	4.6*		
7.5	Stabilizers raised					6.0	7.9	4.1	5.5	3.0	4.0											2.3	3.1	10.3	
	4 pt. outriggers down					8.0*	8.0*	7.0*	7.0*	6.0	6.1*											4.3*	4.3*		
6.0	Stabilizers raised			9.1	10.0*	5.8	7.6	4.0	5.3	3.0	4.0	2.2	3.0									2.0	2.8	11.0	
	4 pt. outriggers down			10.0*	10.0*	8.4*	8.4*	7.1*	7.1*	5.9	6.2*	4.6	5.3*									4.2	4.2*		
4.5	Stabilizers raised	10.0*	10.0*	8.4	11.4*	5.4	7.2	3.8	5.1	2.8	3.8	2.2	3.0									1.8	2.6	11.4	
	4 pt. outriggers down	10.0*	10.0*	11.4*	11.4*	8.9*	8.9*	7.4*	7.4*	5.8	6.2*	4.5	5.3*									3.9	4.2*		
3.0	Stabilizers raised	13.5	15.7*	7.4	10.4	4.9	6.7	3.6	4.8	2.7	3.7	2.1	2.9									1.7	2.4	11.7	
	4 pt. outriggers down	15.7*	15.7*	12.7*	12.7*	9.5*	9.5*	7.4	7.6*	5.6	6.3*	4.4	5.2*									3.8	4.2*		
1.5	Stabilizers raised	2.3*	2.3*	6.6	9.4	4.5	6.3	3.3	4.6	2.6	3.5	2.0	2.8									1.7	2.4	11.7	
	4 pt. outriggers down	2.3*	2.3*	13.2*	13.2*	9.7*	9.7*	7.1	7.6*	5.4	6.1*	4.3	5.0*									3.7	3.8*		
0	Stabilizers raised	2.8*	2.8*	6.1	8.8	4.2	5.9	3.1	4.4	2.4	3.4	2.0	2.8									1.7	2.4	11.5	
	4 pt. outriggers down	2.8*	2.8*	9.1*	9.1*	9.3*	9.3*	6.9	7.3*	5.3	5.8*	4.3	4.5*									3.4*	3.4*		
-1.5	Stabilizers raised			5.9	8.6	4.0	5.7	3.0	4.3	2.4	3.3	1.9	2.7									1.9	2.6	10.9	
	4 pt. outriggers down			8.6*	8.6*	8.2*	8.2*	6.5*	6.5*	5.1*	5.1*	3.7*	3.7*									3.2*	3.2*		
-3.0	Stabilizers raised			4.0	5.7	3.0	4.2																2.4	3.4	8.8
	4 pt. outriggers down			6.5*	6.5*	5.2*	5.2*																4.0*	4.0*	

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

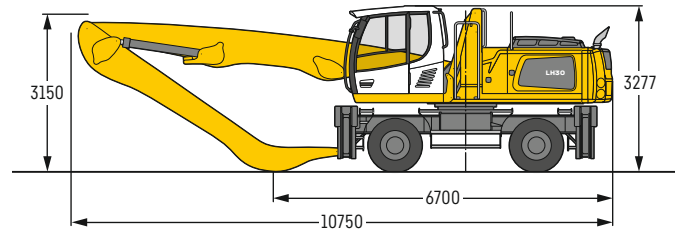
The lift capacities on the stick end without attachment are stated in metric tons (t) and are valid on a firm, level supporting surface with blocked oscillating axle. These capacities can be slewed through 360° with the undercarriage in the transverse position. Capacities in the longitudinal position of the undercarriage (±15°) are specified over the steering axle with the stabilizers raised and over the rigid axle with the stabilizers down. Indicated loads based on the ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity. The lift capacity of the unit is limited by its stability, the lifting capability of the hydraulic elements, or the maximum permissible lifting capacity of the load hook.

In accordance with the harmonised European Standard EN 474-5, hydraulic excavators used for lifting operations must be equipped with pipe fracture safety valves, an overload warning device, a load hook and a lift capacity chart.

LH 30 M – Equipment GA13



Dimensions



Operating weight

The operating weight includes the basic machine with 4 point outriggers, hydr. cab elevation, 8 solid tyres plus intermediate rings, straight boom 7.30 m, angled stick 5.50 m and multi-tine grab GM 65 / 0.60 m³ semi-closed tines.

Weight 28,700 kg

m	Undercarriage	3.0m		4.5m		6.0m		7.5m		9.0m		10.5m		12.0m		13.5m		15.0m		m		
		Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised
13.5	Stabilizers raised			7.3*	7.3*															6.4*	6.4*	5.1
13.5	4 pt. outriggers down			7.3*	7.3*															6.4*	6.4*	5.1
12.0	Stabilizers raised					6.0	7.3*	4.0	5.3											3.8	4.9*	7.7
12.0	4 pt. outriggers down					7.3*	7.3*	5.4*	5.4*											4.9*	4.9*	7.7
10.5	Stabilizers raised					6.2	7.6*	4.2	5.6	3.0	4.0									2.7	3.7	9.4
10.5	4 pt. outriggers down					7.6*	7.6*	6.7*	6.7*	5.2*	5.2*									4.3*	4.3*	9.4
9.0	Stabilizers raised					6.2	7.5*	4.3	5.6	3.1	4.1	2.2	3.0							2.2	3.0	10.6
9.0	4 pt. outriggers down					7.5*	7.5*	6.6*	6.6*	5.8*	5.8*	4.2*	4.2*							4.0*	4.0*	10.6
7.5	Stabilizers raised					6.1	7.7*	4.2	5.5	3.0	4.1	2.3	3.1							1.9	2.6	11.4
7.5	4 pt. outriggers down					7.7*	7.7*	6.6*	6.6*	5.8*	5.8*	4.6	5.1*							3.8*	3.8*	11.4
6.0	Stabilizers raised					5.8	7.7	4.0	5.3	2.9	4.0	2.2	3.0	1.7	2.3					1.6	2.3	12.0
6.0	4 pt. outriggers down					8.1*	8.1*	6.8*	6.8*	5.9	5.9*	4.6	5.1*	3.6	3.9*					3.6	3.8*	12.0
4.5	Stabilizers raised	8.3*	8.3*	8.4	11.2*	5.4	7.2	3.8	5.1	2.8	3.8	2.1	2.9	1.6	2.3					1.5	2.2	12.4
4.5	4 pt. outriggers down	8.3*	8.3*	11.2*	11.2*	8.7*	8.7*	7.1*	7.1*	5.7	6.0*	4.5	5.1*	3.6	4.3*					3.4	3.8*	12.4
3.0	Stabilizers raised	10.4*	10.4*	7.3	10.3	4.8	6.6	3.5	4.8	2.6	3.6	2.0	2.8	1.6	2.3					1.4	2.1	12.7
3.0	4 pt. outriggers down	10.4*	10.4*	12.4*	12.4*	9.2*	9.2*	7.3	7.3*	5.5	6.1*	4.4	5.1*	3.5	4.2*					3.2	3.7*	12.7
1.5	Stabilizers raised	1.6*	1.6*	6.3	9.1	4.3	6.1	3.2	4.4	2.4	3.4	1.9	2.7	1.5	2.2					1.4	2.0	12.7
1.5	4 pt. outriggers down	1.6*	1.6*	12.5*	12.5*	9.4*	9.4*	7.0	7.4*	5.3	6.0*	4.2	5.0*	3.5	3.9*					3.2	3.3*	12.7
0	Stabilizers raised	2.1*	2.1*	5.7	6.9*	3.9	5.7	2.9	4.2	2.3	3.3	1.8	2.6	1.5	2.2					1.4	2.0	12.5
0	4 pt. outriggers down	2.1*	2.1*	6.9*	6.9*	9.1*	9.1*	6.7	7.1*	5.2	5.7*	4.1	4.6*	3.4	3.5*					3.0*	3.0*	12.5
-1.5	Stabilizers raised			5.4	6.7*	3.7	5.4	2.8	4.0	2.2	3.2	1.8	2.6	1.5	2.2					1.5	2.1	12.0
-1.5	4 pt. outriggers down			6.7*	6.7*	8.2*	8.2*	6.5*	6.5*	5.0	5.2*	4.1*	4.1*	2.7*	2.7*					2.7*	2.7*	12.0
-3.0	Stabilizers raised					3.6	5.4	2.7	4.0	2.1	3.1									1.8	2.6	10.5
-3.0	4 pt. outriggers down					6.6*	6.6*	5.4*	5.4*	4.2*	4.2*									3.1*	3.1*	10.5

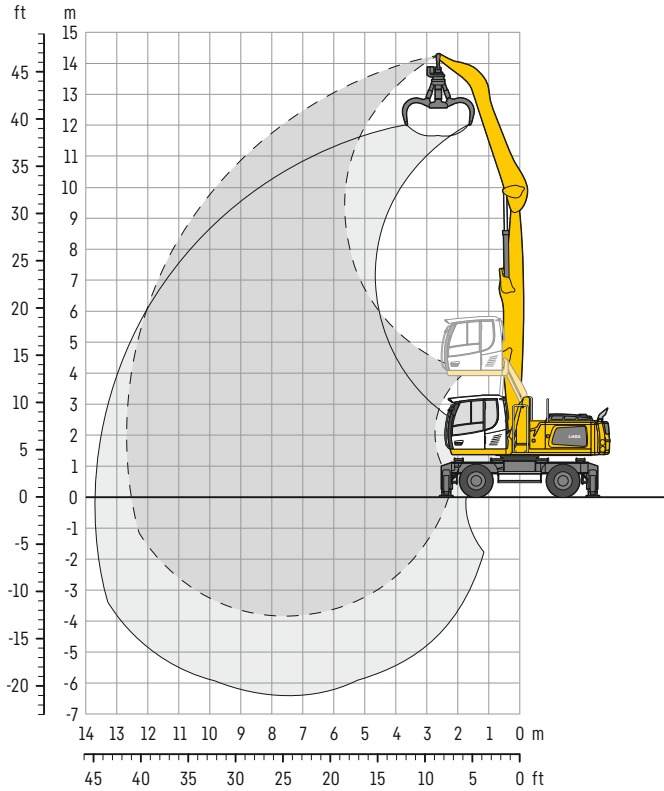
Height Can be slewed through 360° In longitudinal position of undercarriage Max. reach * Limited by hydr. capacity

The lift capacities on the stick end without attachment are stated in metric tons (t) and are valid on a firm, level supporting surface with blocked oscillating axle. These capacities can be slewed through 360° with the undercarriage in the transverse position. Capacities in the longitudinal position of the undercarriage (±15°) are specified over the steering axle with the stabilizers raised and over the rigid axle with the stabilizers down. Indicated loads based on the ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity. The lift capacity of the unit is limited by its stability, the lifting capability of the hydraulic elements, or the maximum permissible lifting capacity of the load hook.

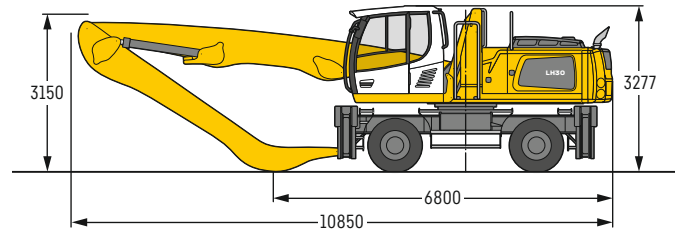
In accordance with the harmonised European Standard EN 474-5, hydraulic excavators used for lifting operations must be equipped with pipe fracture safety valves, an overload warning device, a load hook and a lift capacity chart.

LH 30 M – Equipment GA13

with heavy counterweight



Dimensions



Operating weight

The operating weight includes the basic machine with 4 point outriggers, hydr. cab elevation, 8 solid tyres plus intermediate rings, straight boom 7.30 m, angled stick 5.50 m and multi-tine grab GM 65 / 0.60 m³ semi-closed tines.

Weight 30,300 kg

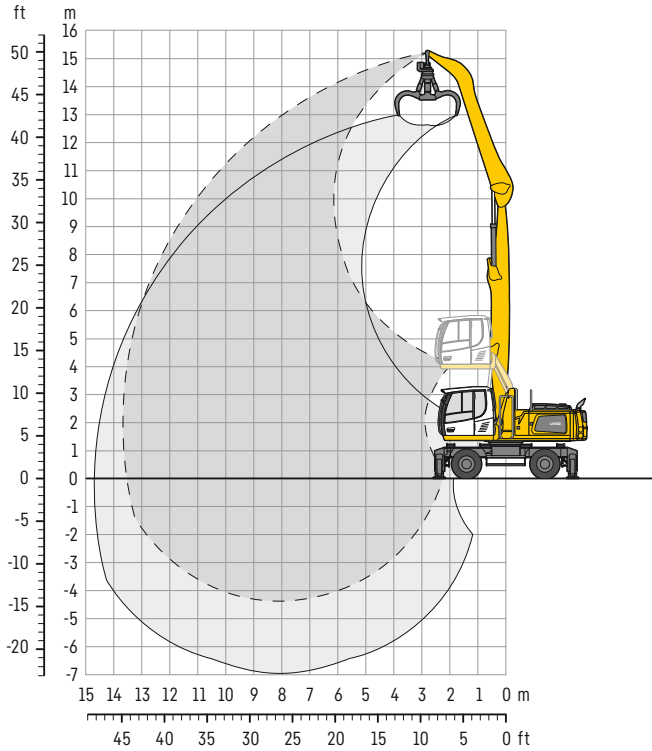
m	Undercarriage	3.0m		4.5m		6.0m		7.5m		9.0m		10.5m		12.0m		13.5m		15.0m				m
13.5	Stabilizers raised			7.3*	7.3*															6.4*	6.4*	5.1
	4 pt. outriggers down			7.3*	7.3*															6.4*	6.4*	5.1
12.0	Stabilizers raised					6.9	7.3*	4.7	5.4*											4.5	4.9*	7.7
	4 pt. outriggers down					7.3*	7.3*	5.4*	5.4*											4.9*	4.9*	7.7
10.5	Stabilizers raised					7.1	7.6*	5.0	6.4	3.6	4.7									3.3	4.3	9.4
	4 pt. outriggers down					7.6*	7.6*	6.7*	6.7*	5.2*	5.2*									4.3*	4.3*	9.4
9.0	Stabilizers raised					7.2	7.5*	5.0	6.4	3.7	4.8	2.7	3.6							2.7	3.5	10.6
	4 pt. outriggers down					7.5*	7.5*	6.6*	6.6*	5.8*	5.8*	4.2*	4.2*							4.0*	4.0*	10.6
7.5	Stabilizers raised					7.0	7.7*	4.9	6.4	3.6	4.7	2.7	3.6							2.3	3.1	11.4
	4 pt. outriggers down					7.7*	7.7*	6.6*	6.6*	5.8*	5.8*	5.1*	5.1*							3.8*	3.8*	11.4
6.0	Stabilizers raised					6.7	8.1*	4.8	6.2	3.5	4.6	2.7	3.6	2.1	2.8					2.1	2.8	12.0
	4 pt. outriggers down					8.1*	8.1*	6.8*	6.8*	5.9*	5.9*	5.1*	5.1*	3.9*	3.9*					3.8*	3.8*	12.0
4.5	Stabilizers raised	8.3*	8.3*	9.7	11.2*	6.3	8.3	4.5	5.9	3.4	4.5	2.6	3.5	2.1	2.8					1.9	2.6	12.4
	4 pt. outriggers down	8.3*	8.3*	11.2*	11.2*	8.7*	8.7*	7.1*	7.1*	6.0*	6.0*	5.1	5.1*	4.2	4.3*					3.8*	3.8*	12.4
3.0	Stabilizers raised	10.4*	10.4*	8.7	11.9	5.8	7.7	4.2	5.6	3.2	4.3	2.5	3.4	2.0	2.7					1.8	2.5	12.7
	4 pt. outriggers down	10.4*	10.4*	12.4*	12.4*	9.2*	9.2*	7.3*	7.3*	6.1*	6.1*	5.0	5.1*	4.1	4.2*					3.7*	3.7*	12.7
1.5	Stabilizers raised	1.6*	1.6*	7.6	10.8	5.3	7.2	3.9	5.3	3.0	4.1	2.4	3.3	2.0	2.7					1.8	2.5	12.7
	4 pt. outriggers down	1.6*	1.6*	12.5*	12.5*	9.4*	9.4*	7.4*	7.4*	6.0*	6.0*	4.9	5.0*	3.9*	3.9*					3.3*	3.3*	12.7
0	Stabilizers raised	2.1*	2.1*	6.9*	6.9*	4.9	6.8	3.7	5.0	2.9	3.9	2.3	3.2	1.9	2.6					1.8	2.5	12.5
	4 pt. outriggers down	2.1*	2.1*	6.9*	6.9*	9.1*	9.1*	7.1*	7.1*	5.7*	5.7*	4.6*	4.6*	3.5*	3.5*					3.0*	3.0*	12.5
-1.5	Stabilizers raised			6.7*	6.7*	4.7	6.5	3.5	4.9	2.8	3.8	2.3	3.1	1.9	2.6					1.9	2.6	12.0
	4 pt. outriggers down			6.7*	6.7*	8.2*	8.2*	6.5*	6.5*	5.2*	5.2*	4.1*	4.1*	2.7*	2.7*					2.7*	2.7*	12.0
-3.0	Stabilizers raised					4.6	6.5	3.4	4.8	2.7	3.8									2.3	3.1*	10.5
	4 pt. outriggers down					6.6*	6.6*	5.4*	5.4*	4.2*	4.2*									3.1*	3.1*	10.5

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

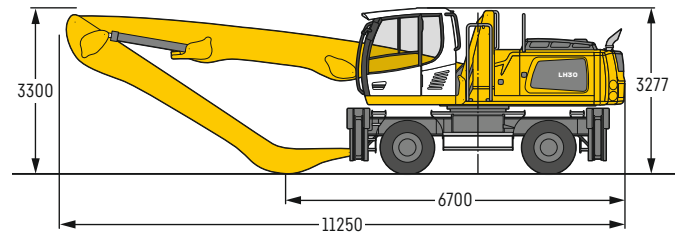
The lift capacities on the stick end without attachment are stated in metric tons (t) and are valid on a firm, level supporting surface with blocked oscillating axle. These capacities can be slewed through 360° with the undercarriage in the transverse position. Capacities in the longitudinal position of the undercarriage (±15°) are specified over the steering axle with the stabilizers raised and over the rigid axle with the stabilizers down. Indicated loads based on the ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity. The lift capacity of the unit is limited by its stability, the lifting capability of the hydraulic elements, or the maximum permissible lifting capacity of the load hook.

In accordance with the harmonised European Standard EN 474-5, hydraulic excavators used for lifting operations must be equipped with pipe fracture safety valves, an overload warning device, a load hook and a lift capacity chart.

LH 30 M – Equipment GA14



Dimensions



Operating weight

The operating weight includes the basic machine with 4 point outriggers, hydr. cab elevation, 8 solid tyres plus intermediate rings, straight boom 7.80m, angled stick 6.00m and multi-tine grab GM 65 / 0.60m³ semi-closed tines.

Weight 28,900 kg

m	Undercarriage	3.0m		4.5m		6.0m		7.5m		9.0m		10.5m		12.0m		13.5m		15.0m		Max. reach		m	
		Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down		
15.0	Stabilizers raised																				7.2*	7.2*	3.8
	4 pt. outriggers down																				4.2	4.9*	
13.5	Stabilizers raised					6.0	6.5*														4.9*	4.9*	7.2
	4 pt. outriggers down					6.5*	6.5*														4.2	4.9*	
12.0	Stabilizers raised					6.3	7.2*	4.3	5.6	3.0	4.0										2.8	3.8	9.3
	4 pt. outriggers down					7.2*	7.2*	6.4*	6.4*	4.7*	4.7*										4.2*	4.2*	
10.5	Stabilizers raised							4.4	5.7	3.1	4.2	2.2	3.1								2.1	2.9	10.7
	4 pt. outriggers down							6.3*	6.3*	5.6*	5.6*	4.2*	4.2*								3.8*	3.8*	
9.0	Stabilizers raised							4.4	5.7	3.1	4.2	2.3	3.1								1.8	2.5	11.7
	4 pt. outriggers down							6.3*	6.3*	5.5*	5.5*	4.7	4.9*								3.6*	3.6*	
7.5	Stabilizers raised					6.2	7.5*	4.3	5.6	3.1	4.1	2.3	3.1	1.7	2.4						1.5	2.2	12.5
	4 pt. outriggers down					7.5*	7.5*	6.4*	6.4*	5.6*	5.6*	4.7	4.9*	3.7	4.3*						3.4	3.5*	
6.0	Stabilizers raised					5.9	7.8	4.0	5.4	2.9	4.0	2.2	3.0	1.7	2.3						1.3	2.0	13.1
	4 pt. outriggers down					7.9*	7.9*	6.6*	6.6*	5.7*	5.7*	4.6	5.0*	3.6	4.3*						3.1	3.4*	
4.5	Stabilizers raised	6.8*	6.8*	8.4	10.0*	5.4	7.2	3.7	5.1	2.8	3.8	2.1	2.9	1.6	2.3						1.2	1.8	13.4
	4 pt. outriggers down	6.8*	6.8*	10.0*	10.0*	8.4*	8.4*	6.9*	6.9*	5.7	5.8*	4.4	5.0*	3.6	4.3*						2.9	3.4*	
3.0	Stabilizers raised	7.1*	7.1*	7.2	10.1	4.7	6.6	3.4	4.7	2.5	3.5	2.0	2.8	1.5	2.2	1.2	1.8				1.2	1.7	13.6
	4 pt. outriggers down	7.1*	7.1*	12.1*	12.1*	9.0*	9.0*	7.1*	7.1*	5.5	5.9*	4.3	5.0*	3.5	4.2*	2.9	3.3*				2.8	3.2*	
1.5	Stabilizers raised	1.1*	1.1*	6.0	8.9	4.2	5.9	3.1	4.3	2.3	3.3	1.8	2.6	1.4	2.1	1.2	1.7				1.1	1.7	13.7
	4 pt. outriggers down	1.1*	1.1*	9.1*	9.1*	9.2*	9.2*	6.9	7.2*	5.2	5.9*	4.2	4.9*	3.4	4.0*	2.8	3.1*				2.8	2.9*	
0	Stabilizers raised	1.5*	1.5*	5.3*	5.3*	3.7	5.4	2.8	4.0	2.1	3.1	1.7	2.5	1.4	2.0	1.1	1.7				1.1	1.7	13.5
	4 pt. outriggers down	1.5*	1.5*	5.3*	5.3*	8.9*	8.9*	6.5	7.0*	5.0	5.7*	4.0	4.6*	3.3	3.7*	2.6*	2.6*				2.6*	2.6*	
-1.5	Stabilizers raised	2.6*	2.6*	5.0	5.3*	3.5	5.2	2.6	3.8	2.0	3.0	1.6	2.4	1.3	2.0						1.2	1.8	13.2
	4 pt. outriggers down	2.6*	2.6*	5.3*	5.3*	8.0*	8.0*	6.3	6.4*	4.9	5.2*	3.9	4.2*	3.2*	3.2*						2.2*	2.2*	
-3.0	Stabilizers raised			5.0	6.0*	3.4	5.1	2.5	3.7	2.0	2.9	1.6	2.4								1.3	2.0	11.8
	4 pt. outriggers down			6.0*	6.0*	6.7*	6.7*	5.5*	5.5*	4.4*	4.4*	3.5*	3.5*								2.5*	2.5*	

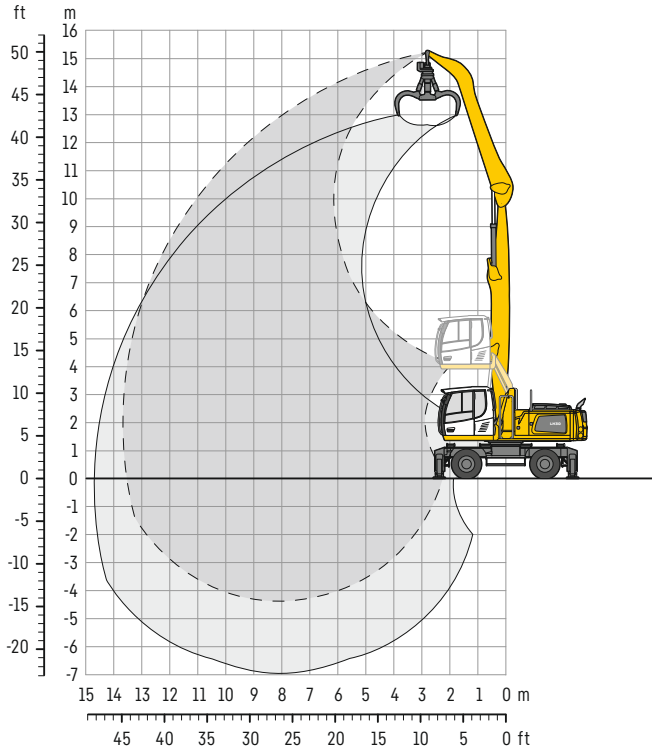
Height Can be slewed through 360° In longitudinal position of undercarriage Max. reach * Limited by hydr. capacity

The lift capacities on the stick end without attachment are stated in metric tons (t) and are valid on a firm, level supporting surface with blocked oscillating axle. These capacities can be slewed through 360° with the undercarriage in the transverse position. Capacities in the longitudinal position of the undercarriage (±15°) are specified over the steering axle with the stabilizers raised and over the rigid axle with the stabilizers down. Indicated loads based on the ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity. The lift capacity of the unit is limited by its stability, the lifting capability of the hydraulic elements, or the maximum permissible lifting capacity of the load hook.

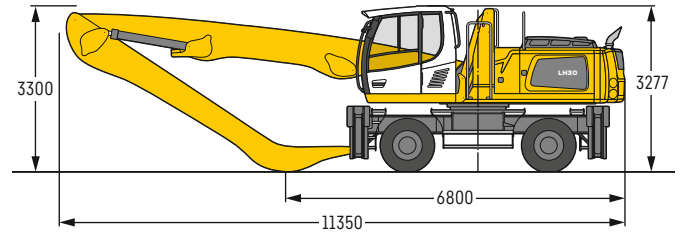
In accordance with the harmonised European Standard EN 474-5, hydraulic excavators used for lifting operations must be equipped with pipe fracture safety valves, an overload warning device, a load hook and a lift capacity chart.

LH 30 M – Equipment GA14

with heavy counterweight



Dimensions



Operating weight

The operating weight includes the basic machine with 4 point outriggers, hydr. cab elevation, 8 solid tyres plus intermediate rings, straight boom 7.80 m, angled stick 6.00 m and multi-tine grab GM 65 / 0.60 m³ semi-closed tines.

Weight 30,500 kg

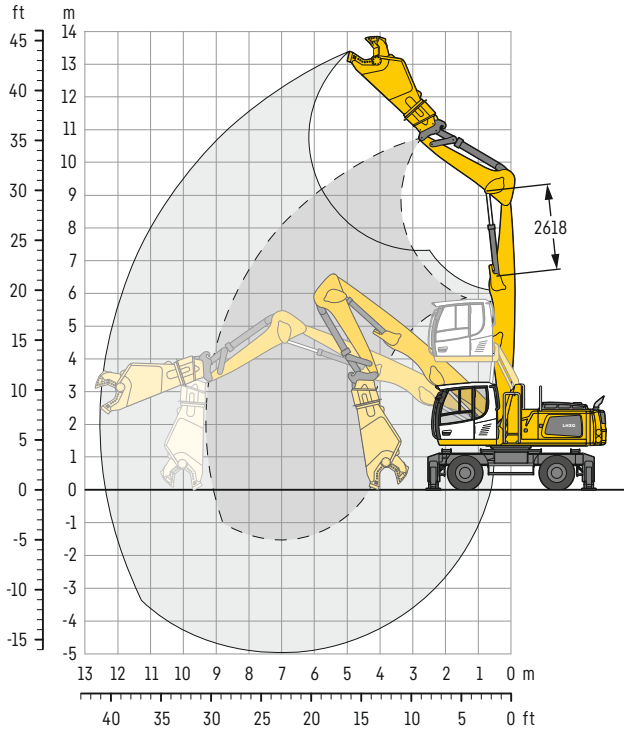
m	Undercarriage	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		12.0 m		13.5 m		15.0 m		m				
		Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	
15.0	Stabilizers raised																				7.2*	7.2*	3.8	
15.0	4 pt. outriggers down																					7.2*	7.2*	3.8
13.5	Stabilizers raised					6.5*	6.5*															4.9*	4.9*	7.2
13.5	4 pt. outriggers down					6.5*	6.5*															4.9*	4.9*	7.2
12.0	Stabilizers raised					7.2	7.2*	5.0	6.4*	3.6	4.7											3.4	4.2*	9.3
12.0	4 pt. outriggers down					7.2*	7.2*	6.4*	6.4*	4.7*	4.7*											4.2*	4.2*	9.3
10.5	Stabilizers raised							5.1	6.3*	3.7	4.8	2.7	3.6									2.6	3.5	10.7
10.5	4 pt. outriggers down							6.3*	6.3*	5.6*	5.6*	4.2*	4.2*									3.8*	3.8*	10.7
9.0	Stabilizers raised							5.1	6.3*	3.7	4.8	2.8	3.7									2.2	2.9	11.7
9.0	4 pt. outriggers down							6.3*	6.3*	5.5*	5.5*	4.9*	4.9*									3.6*	3.6*	11.7
7.5	Stabilizers raised					7.1	7.5*	5.0	6.4*	3.7	4.8	2.8	3.7	2.1	2.8							1.9	2.6	12.5
7.5	4 pt. outriggers down					7.5*	7.5*	6.4*	6.4*	5.6*	5.6*	4.9*	4.9*	4.2	4.3*							3.5*	3.5*	12.5
6.0	Stabilizers raised					6.8	7.9*	4.8	6.2	3.5	4.6	2.7	3.6	2.1	2.8							1.7	2.4	13.1
6.0	4 pt. outriggers down					7.9*	7.9*	6.6*	6.6*	5.7*	5.7*	5.0*	5.0*	4.2	4.3*							3.4*	3.4*	13.1
4.5	Stabilizers raised	6.8*	6.8*	9.8	10.0*	6.3	8.3	4.5	5.9	3.3	4.4	2.6	3.5	2.0	2.8							1.6	2.2	13.4
4.5	4 pt. outriggers down	6.8*	6.8*	10.0*	10.0*	8.4*	8.4*	6.9*	6.9*	5.8*	5.8*	5.0*	5.0*	4.1	4.3*							3.4*	3.4*	13.4
3.0	Stabilizers raised	7.1*	7.1*	8.5	11.8	5.7	7.7	4.1	5.5	3.1	4.2	2.4	3.3	1.9	2.7	1.6	2.2					1.5	2.2	13.6
3.0	4 pt. outriggers down	7.1*	7.1*	12.1*	12.1*	9.0*	9.0*	7.1*	7.1*	5.9*	5.9*	5.0	5.0*	4.0	4.2*	3.3*	3.3*					3.2*	3.2*	13.6
1.5	Stabilizers raised	1.1*	1.1*	7.4	9.1*	5.1	7.0	3.8	5.2	2.9	4.0	2.3	3.2	1.9	2.6	1.5	2.2					1.5	2.1	13.7
1.5	4 pt. outriggers down	1.1*	1.1*	9.1*	9.1*	9.2*	9.2*	7.2*	7.2*	5.9*	5.9*	4.8	4.9*	4.0	4.0*	3.1*	3.1*					2.9*	2.9*	13.7
0	Stabilizers raised	1.5*	1.5*	5.3*	5.3*	4.7	6.5	3.5	4.9	2.7	3.8	2.2	3.1	1.8	2.5	1.5	2.1					1.5	2.1	13.5
0	4 pt. outriggers down	1.5*	1.5*	5.3*	5.3*	8.9*	8.9*	7.0*	7.0*	5.7*	5.7*	4.6*	4.6*	3.7*	3.7*	2.6*	2.6*					2.6*	2.6*	13.5
-1.5	Stabilizers raised	2.6*	2.6*	5.3*	5.3*	4.4	6.3	3.3	4.7	2.6	3.7	2.1	3.0	1.8	2.5							1.6	2.2	13.2
-1.5	4 pt. outriggers down	2.6*	2.6*	5.3*	5.3*	8.0*	8.0*	6.4*	6.4*	5.2*	5.2*	4.2*	4.2*	3.2*	3.2*							2.2*	2.2*	13.2
-3.0	Stabilizers raised			6.0*	6.0*	4.3	6.2	3.2	4.6	2.5	3.6	2.1	2.9									1.8	2.5	11.8
-3.0	4 pt. outriggers down			6.0*	6.0*	6.7*	6.7*	5.5*	5.5*	4.4*	4.4*	3.5*	3.5*									2.5*	2.5*	11.8

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

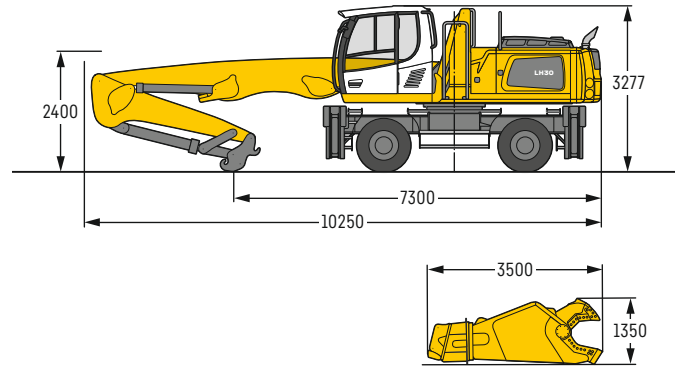
The lift capacities on the stick end without attachment are stated in metric tons (t) and are valid on a firm, level supporting surface with blocked oscillating axle. These capacities can be slewed through 360° with the undercarriage in the transverse position. Capacities in the longitudinal position of the undercarriage (±15°) are specified over the steering axle with the stabilizers raised and over the rigid axle with the stabilizers down. Indicated loads based on the ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity. The lift capacity of the unit is limited by its stability, the lifting capability of the hydraulic elements, or the maximum permissible lifting capacity of the load hook.

In accordance with the harmonised European Standard EN 474-5, hydraulic excavators used for lifting operations must be equipped with pipe fracture safety valves, an overload warning device, a load hook and a lift capacity chart.

LH 30 M – Equipment GS10



Dimensions



Operating weight

The operating weight includes the basic machine with 4 point outriggers, hydr. cab elevation, 8 solid tyres plus intermediate rings, straight boom 6.80m, stick HD with tipping kinematics special 3.20m, quick coupler SWA 48 and scrap shear Genesis GXT 335R.

Weight 32,900 kg

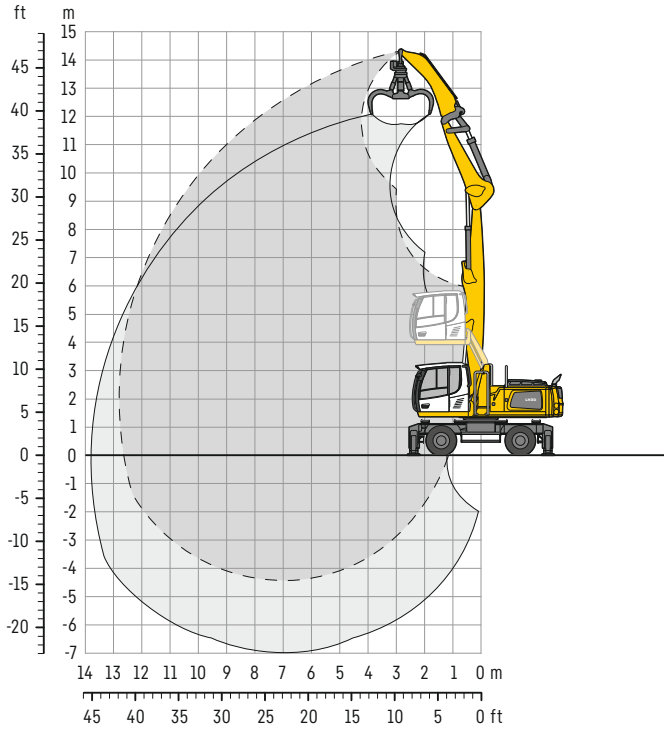
A heavy counterweight (6,075 kg) is required for this attachment configuration.
The stick cylinder must be limited to the measure of 2,618 mm.

m	Undercarriage	3.0m		4.5m		6.0m		7.5m		9.0m		10.5m		12.0m		13.5m		15.0m		Attachment		m	
		Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down		
13.5	Stabilizers raised																						
12.0	Stabilizers raised					5.0*	5.0*														3.0	4.0*	7.4
10.5	Stabilizers raised					5.0*	5.0*														4.0*	4.0*	9.2
9.0	Stabilizers raised							3.2	3.8*	1.6	2.7										1.4	2.6	
7.5	Stabilizers raised							3.8*	3.8*	3.0*	3.0*										2.9*	2.9*	10.4
6.0	Stabilizers raised							3.3	3.7*	1.7	2.8										0.6	1.6	
4.5	Stabilizers raised							3.7*	3.7*	2.9*	2.9*										2.3*	2.3*	11.3
3.0	Stabilizers raised							3.2	3.7*	1.7	2.8	0.6	1.5								0.2	1.0	11.9
1.5	Stabilizers raised							3.7*	3.7*	2.9*	2.9*	2.3*	2.3*								1.9*	1.9*	12.3
0	Stabilizers raised							3.0	3.8*	1.5	2.6	0.5	1.4								-	0.6	
-1.5	Stabilizers raised							3.8*	3.8*	3.0*	3.0*	2.3*	2.3*								1.6*	1.6*	12.5
-3.0	Stabilizers raised							4.1*	4.1*	2.6	4.0*	1.3	2.4	0.4	1.3	-	0.5				-	0.3	
-4.5	Stabilizers raised							4.1*	4.1*	4.0*	4.0*	3.0*	3.0*	2.3*	2.3*	1.5*	1.5*				1.4*	1.4*	12.5
	Stabilizers raised							2.9*	2.9*	5.7*	5.7*	2.1	3.6	1.0	2.1	0.2	1.1	-	0.4		-	0.2	
	Stabilizers raised							2.9*	2.9*	5.7*	5.7*	4.2*	4.2*	3.1*	3.1*	2.2*	2.2*	1.4*	1.4*		1.2*	1.2*	12.5
	Stabilizers raised							5.9	9.1*	3.1	5.1	1.6	3.0	0.6	1.7	-	0.9	-	0.2		-	0.1	
	Stabilizers raised							9.1*	9.1*	6.1*	6.1*	4.3*	4.3*	3.0*	3.0*	2.1*	2.1*	1.2*	1.2*		0.9*	0.9*	12.4
	Stabilizers raised							4.3	7.4	2.3	4.2	1.1	2.5	0.3	1.4	-	0.7	-	0.1		0.7*	0.7*	12.0
	Stabilizers raised							9.0*	9.0*	6.0*	6.0*	4.1*	4.1*	2.9*	2.9*	1.9*	1.9*	0.9*	0.9*		-	-	
	Stabilizers raised							3.4	5.7*	1.7	3.6	0.7	2.1	0.1	1.2	-	0.5	-	0.1		-	0.1	
	Stabilizers raised							5.7*	5.7*	5.4*	5.4*	3.7*	3.7*	2.4*	2.4*	1.4*	1.4*	0.3*	0.3*		0.3*	0.3*	11.5
	Stabilizers raised							2.9	5.6*	1.4	3.2	0.5	1.9	-	1.0	-	0.4				-	-	
	Stabilizers raised							5.6*	5.6*	4.2*	4.2*	2.8*	2.8*	1.7*	1.7*	0.6*	0.6*				-	-	
	Stabilizers raised									1.3	2.5*	0.4	1.5*	-	0.5*						-	0.3*	
	Stabilizers raised									2.5*	2.5*	1.5*	1.5*	0.5*	0.5*						0.3*	0.3*	9.3

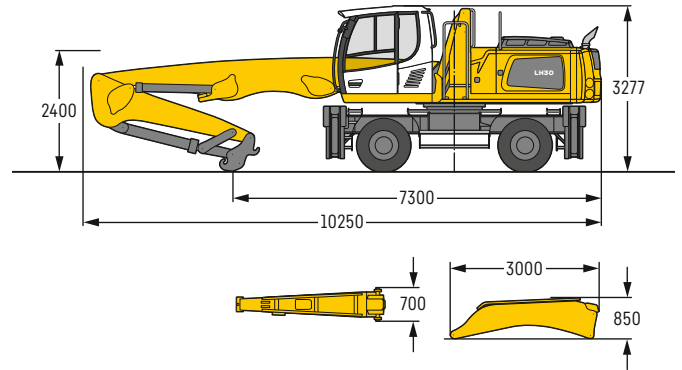
Height Can be slewed through 360° In longitudinal position of undercarriage Max. reach * Limited by hydr. capacity

The lift capacities on the stick end without attachment are stated in metric tons (t) and are valid on a firm, level supporting surface with blocked oscillating axle. These capacities can be slewed through 360° with the undercarriage in the transverse position. Capacities in the longitudinal position of the undercarriage (±15°) are specified over the steering axle with the stabilizers raised and over the rigid axle with the stabilizers down. Indicated loads based on the ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity. The maximum lift capacity for the quick coupler's load hook is 12t. Without attachment the lift capacity will increase by 3,500 kg and without quick coupler, tipping cylinder, lever and connection link by an additional 805 kg. The lift capacity of the unit is limited by its stability, the lifting capability of the hydraulic elements, or the maximum permissible lifting capacity of the load hook.
In accordance with the harmonised European Standard EN 474-5, hydraulic excavators used for lifting operations must be equipped with pipe fracture safety valves, an overload warning device, a load hook and a lift capacity chart.

LH 30 M – Equipment GSV13



Dimensions



Operating weight

The operating weight includes the basic machine with 4 point outriggers, hydr. cab elevation, 8 solid tyres plus intermediate rings, straight boom 6.80m, stick HD with tipping kinematics special 3.20m, quick coupler SWA 48, stick extension 2.70m and multi-tine grab GM 65 / 0.60m³ semi-closed tines.

Weight 30,000 kg

A heavy counterweight (6,075 kg) is required for this attachment configuration.

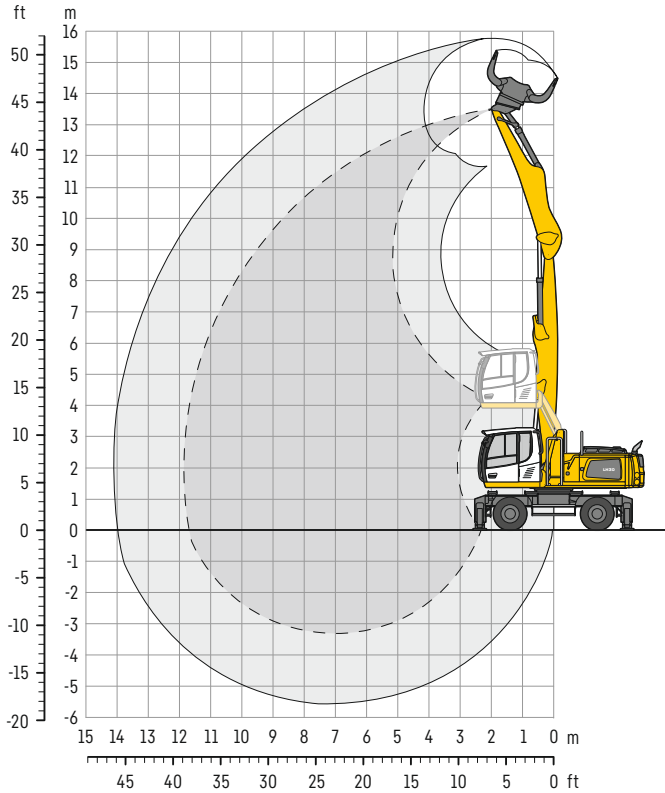
m	Undercarriage	3.0m		4.5m		6.0m		7.5m		9.0m		10.5m		12.0m		13.5m		15.0m		Attachment		m		
		Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can 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
13.5	Stabilizers raised			6.8*	6.8*																5.2*	5.2*	5.6	
	4 pt. outriggers down			6.8*	6.8*																	5.2*	5.2*	
12.0	Stabilizers raised					6.4*	6.4*	4.4	5.0*													3.8	4.0*	8.1
	4 pt. outriggers down					6.4*	6.4*	5.0*	5.0*													4.0*	4.0*	
10.5	Stabilizers raised							4.7	5.9*	3.2	4.3											2.6	3.4*	9.7
	4 pt. outriggers down							5.9*	5.9*	4.7*	4.7*											3.4*	3.4*	
9.0	Stabilizers raised							4.8	5.8*	3.3	4.4	2.2	3.1									2.0	2.9	10.8
	4 pt. outriggers down							5.8*	5.8*	5.1*	5.1*	3.9*	3.9*									3.1*	3.1*	
7.5	Stabilizers raised							4.7	5.8*	3.2	4.4	2.3	3.2									1.7	2.4	11.7
	4 pt. outriggers down							5.8*	5.8*	5.1*	5.1*	4.4*	4.4*									2.9*	2.9*	
6.0	Stabilizers raised					6.7	7.0*	4.5	5.9*	3.1	4.2	2.2	3.1	1.5	2.3							1.4	2.2	12.3
	4 pt. outriggers down					7.0*	7.0*	5.9*	5.9*	5.1*	5.1*	4.4*	4.4*	3.6*	3.6*							2.9*	2.9*	
4.5	Stabilizers raised					6.2	7.4*	4.2	5.6	2.9	4.0	2.1	3.0	1.5	2.2							1.3	2.0	12.7
	4 pt. outriggers down					7.4*	7.4*	6.2*	6.2*	5.2*	5.2*	4.4*	4.4*	3.6	3.6*							2.8*	2.8*	
3.0	Stabilizers raised	6.9*	6.9*	8.9	10.5*	5.5	7.6	3.8	5.2	2.7	3.8	1.9	2.8	1.4	2.2							1.2	1.8	12.9
	4 pt. outriggers down	6.9*	6.9*	10.5*	10.5*	8.0*	8.0*	6.4*	6.4*	5.3*	5.3*	4.4*	4.4*	3.5*	3.5*							2.9*	2.9*	
1.5	Stabilizers raised	7.6*	7.6*	7.4	10.6	4.8	6.8	3.4	4.8	2.4	3.5	1.8	2.7	1.3	2.1							1.1	1.8	12.9
	4 pt. outriggers down	7.6*	7.6*	11.5*	11.5*	8.4*	8.4*	6.5*	6.5*	5.2*	5.2*	4.3*	4.3*	3.3*	3.3*							2.6*	2.6*	
0	Stabilizers raised	3.2*	3.2*	6.3	9.4	4.2	6.1	3.0	4.4	2.2	3.3	1.7	2.5	1.3	2.0							1.1	1.8	12.7
	4 pt. outriggers down	3.2*	3.2*	11.5*	11.5*	8.3*	8.3*	6.4*	6.4*	5.0*	5.0*	4.0*	4.0*	2.9*	2.9*							2.2*	2.2*	
-1.5	Stabilizers raised	3.6*	3.6*	5.7	8.7	3.8	5.7	2.7	4.1	2.0	3.1	1.6	2.4	1.2	2.0							1.2	1.8*	12.4
	4 pt. outriggers down	3.6*	3.6*	9.2*	9.2*	7.7*	7.7*	5.9*	5.9*	4.6*	4.6*	3.5*	3.5*	2.2*	2.2*							1.8*	1.8*	
-3.0	Stabilizers raised	4.6*	4.6*	5.4	8.3*	3.6	5.4	2.6	3.9	1.9	3.0	1.5	2.4									1.4	2.1*	11.1
	4 pt. outriggers down	4.6*	4.6*	8.3*	8.3*	6.4*	6.4*	5.0*	5.0*	3.8*	3.8*	2.6*	2.6*									2.1*	2.1*	
-4.5	Stabilizers raised																					2.6	3.5*	
	4 pt. outriggers down																					3.5*	3.5*	7.4

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

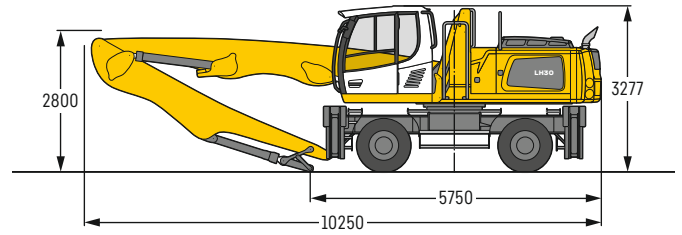
The lift capacities on the end of the stick extension without attachment are stated in metric tons (t) and are valid on a firm, level supporting surface with blocked oscillating axle. These capacities can be slewed through 360° with the undercarriage in the transverse position. Capacities in the longitudinal position of the undercarriage (±15°) are specified over the steering axle with the stabilizers raised and over the rigid axle with the stabilizers down. Indicated loads based on the ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity. The lift capacity of the unit is limited by its stability, the lifting capability of the hydraulic elements, or the maximum permissible lifting capacity of the load hook.

In accordance with the harmonised European Standard EN 474-5, hydraulic excavators used for lifting operations must be equipped with pipe fracture safety valves, an overload warning device, a load hook and a lift capacity chart.

LH 30 M – Equipment GK12



Dimensions



Operating weight

The operating weight includes the basic machine with 4 point outriggers, hydr. cab elevation, 8 solid tyres plus intermediate rings, straight boom 6.80 m, stick with tipping kinematics 5.00 m and sorting grab SG 30B/0.85 m³ perforated shells.

Weight 29,100 kg

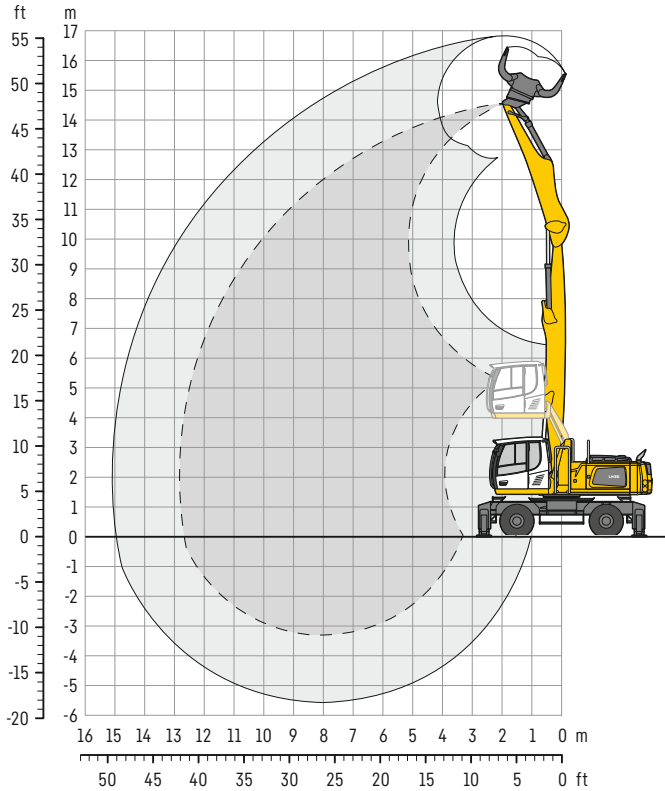
m	Undercarriage	3.0m		4.5m		6.0m		7.5m		9.0m		10.5m		12.0m		13.5m		15.0m		m				
		Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	
13.5	Stabilizers raised																				12.1*	12.1*	2.1	
13.5	4 pt. outriggers down																					12.1*	12.1*	2.1
12.0	Stabilizers raised			8.8	8.9*	5.3	6.7*															5.0	6.1*	6.2
12.0	4 pt. outriggers down			8.9*	8.9*	6.7*	6.7*															6.1*	6.1*	6.2
10.5	Stabilizers raised					5.7	7.6	3.8	5.1													3.1	4.2	8.2
10.5	4 pt. outriggers down					7.8*	7.8*	6.7*	6.7*													4.9*	4.9*	8.2
9.0	Stabilizers raised					5.8	7.6*	3.9	5.2	2.7	3.7											2.3	3.3	9.5
9.0	4 pt. outriggers down					7.6*	7.6*	6.6*	6.6*	5.6	5.8*											4.4*	4.4*	9.5
7.5	Stabilizers raised					5.7	7.6	3.9	5.2	2.7	3.7											1.9	2.7	10.5
7.5	4 pt. outriggers down					7.7*	7.7*	6.6*	6.6*	5.7	5.8*											4.1*	4.1*	10.5
6.0	Stabilizers raised			8.8*	8.8*	5.5	7.4	3.7	5.0	2.7	3.7	1.9	2.7									1.6	2.4	11.2
6.0	4 pt. outriggers down			8.8*	8.8*	8.1*	8.1*	6.8*	6.8*	5.6	5.8*	4.3	5.0*									3.8	4.0*	11.2
4.5	Stabilizers raised	7.0*	7.0*	8.1	10.9*	5.1	7.0	3.5	4.8	2.5	3.5	1.9	2.7									1.5	2.2	11.6
4.5	4 pt. outriggers down	7.0*	7.0*	10.9*	10.9*	8.6*	8.6*	7.0*	7.0*	5.5	5.9*	4.2	4.9*									3.5	3.9*	11.6
3.0	Stabilizers raised	8.4*	8.4*	7.1	10.1	4.6	6.4	3.3	4.5	2.4	3.4	1.8	2.6									1.4	2.1	11.8
3.0	4 pt. outriggers down	8.4*	8.4*	12.3*	12.3*	9.1*	9.1*	7.1	7.2*	5.3	5.9*	4.1	4.8*									3.4	3.7*	11.8
1.5	Stabilizers raised			6.2	9.1	4.2	5.9	3.0	4.3	2.2	3.2	1.7	2.5									1.4	2.1	11.8
1.5	4 pt. outriggers down			12.8*	12.8*	9.3*	9.3*	6.8	7.2*	5.1	5.8*	4.0	4.6*									3.3*	3.3*	11.8
0	Stabilizers raised	1.6*	1.6*	5.7	7.4*	3.8	5.6	2.8	4.1	2.1	3.1	1.6	2.4									1.4	2.1	11.7
0	4 pt. outriggers down	1.6*	1.6*	7.4*	7.4*	8.9*	8.9*	6.6	6.9*	5.0	5.4*	4.0	4.1*									2.7*	2.7*	11.7
-1.5	Stabilizers raised			5.4	7.5*	3.6	5.4	2.7	3.9	2.0	3.0	1.6	2.4									1.5	2.3	10.9
-1.5	4 pt. outriggers down			7.5*	7.5*	7.8*	7.8*	6.1*	6.1*	4.7*	4.7*	3.3*	3.3*									2.8*	2.8*	10.9
-3.0	Stabilizers raised			3.6	5.3	2.6	3.9															2.1	3.1	8.8
-3.0	4 pt. outriggers down			6.1*	6.1*	4.8*	4.8*															3.7*	3.7*	8.8

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

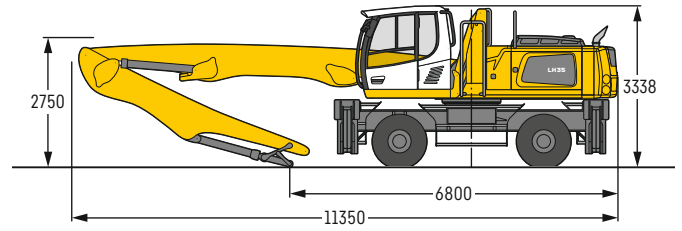
The lift capacities on the stick end without attachment are stated in metric tons (t) and are valid on a firm, level supporting surface with blocked oscillating axle. These capacities can be slewed through 360° with the undercarriage in the transverse position. Capacities in the longitudinal position of the undercarriage (±15°) are specified over the steering axle with the stabilizers raised and over the rigid axle with the stabilizers down. Indicated loads based on the ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity. The lift capacity of the unit is limited by its stability, the lifting capability of the hydraulic elements, or the maximum permissible lifting capacity of the load hook.

In accordance with the harmonised European Standard EN 474-5, hydraulic excavators used for lifting operations must be equipped with pipe fracture safety valves, an overload warning device, a load hook and a lift capacity chart.

LH 35 M – Equipment GK13



Dimensions



Operating weight

The operating weight includes the basic machine with 4 point outriggers, hydr. cab elevation, 8 solid tyres plus intermediate rings, straight boom 7.80 m, stick with tipping kinematics 5.00 m and sorting grab SG 30B/0.85 m³ perforated shells.

Weight 33,500 kg

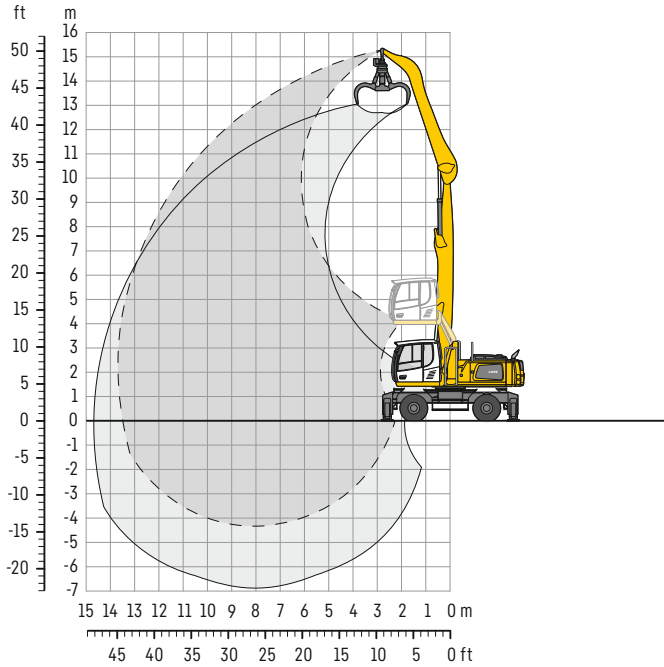
m	Undercarriage	3.0m		4.5m		6.0m		7.5m		9.0m		10.5m		12.0m		13.5m		15.0m		Stick		m
		360°	15°	360°	15°	360°	15°	360°	15°	360°	15°	360°	15°	360°	15°	360°	15°	360°	15°	360°	15°	
13.5	Stabilizers raised			8.7*	8.7*															6.8*	6.8*	5.6
	4 pt. outriggers down			8.7*	8.7*															6.8*	6.8*	
12.0	Stabilizers raised					7.6	7.8*	5.2	6.6*											4.5	5.3*	8.0
	4 pt. outriggers down					7.8*	7.8*	6.6*	6.6*											5.3*	5.3*	
10.5	Stabilizers raised					7.5*	7.5*	5.4	6.4*	3.8	4.9									3.3	4.3	9.6
	4 pt. outriggers down					7.5*	7.5*	6.4*	6.4*	5.6*	5.6*									4.6*	4.6*	
9.0	Stabilizers raised					7.5*	7.5*	5.4	6.4*	3.9	5.0	2.9	3.7							2.7	3.5	10.8
	4 pt. outriggers down					7.5*	7.5*	6.4*	6.4*	5.5*	5.5*	4.8*	4.8*							4.2*	4.2*	
7.5	Stabilizers raised					7.6	7.8*	5.3	6.5*	3.8	4.9	2.9	3.8							2.3	3.1	11.6
	4 pt. outriggers down					7.8*	7.8*	6.5*	6.5*	5.5*	5.5*	4.7*	4.7*							4.0*	4.0*	
6.0	Stabilizers raised			9.7*	9.7*	7.2	8.2*	5.0	6.5	3.7	4.8	2.8	3.7	2.1	2.9					2.1	2.8	
	4 pt. outriggers down			9.7*	9.7*	8.2*	8.2*	6.7*	6.7*	5.6*	5.6*	4.7*	4.7*	3.9*	3.9*					3.8*	3.8*	12.2
4.5	Stabilizers raised			10.3	11.6*	6.7	8.6*	4.7	6.2	3.5	4.6	2.7	3.6	2.1	2.8					1.9	2.6	12.6
	4 pt. outriggers down			11.6*	11.6*	8.6*	8.6*	6.9*	6.9*	5.6*	5.6*	4.7*	4.7*	3.9*	3.9*					3.4*	3.4*	
3.0	Stabilizers raised			9.0	9.7*	6.1	8.1	4.4	5.8	3.3	4.4	2.6	3.5	2.1	2.8					1.8	2.5	12.8
	4 pt. outriggers down			9.7*	9.7*	8.9*	8.9*	7.0*	7.0*	5.6*	5.6*	4.6*	4.6*	3.7*	3.7*					3.0*	3.0*	
1.5	Stabilizers raised			3.0*	3.0*	5.6	7.5	4.1	5.5	3.2	4.2	2.5	3.4	2.0	2.7					1.8	2.5	12.8
	4 pt. outriggers down			3.0*	3.0*	8.8*	8.8*	6.8*	6.8*	5.5*	5.5*	4.4*	4.4*	3.4*	3.4*					2.7*	2.7*	
0	Stabilizers raised			3.1*	3.1*	5.2	7.2	3.9	5.3	3.0	4.1	2.4	3.3	2.0	2.7					1.8	2.2*	12.7
	4 pt. outriggers down			3.1*	3.1*	8.1*	8.1*	6.4*	6.4*	5.1*	5.1*	4.0*	4.0*	3.0*	3.0*					2.2*	2.2*	
-1.5	Stabilizers raised			4.2*	4.2*	5.1	6.8*	3.8	5.1	2.9	4.0	2.4	3.2							2.0	2.3*	11.9
	4 pt. outriggers down			4.2*	4.2*	6.8*	6.8*	5.5*	5.5*	4.4*	4.4*	3.4*	3.4*							2.3*	2.3*	
-3.0	Stabilizers raised							3.7	4.3*	2.9	3.4*									2.6	2.9*	9.7
	4 pt. outriggers down							4.3*	4.3*	3.4*	3.4*									2.9*	2.9*	

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

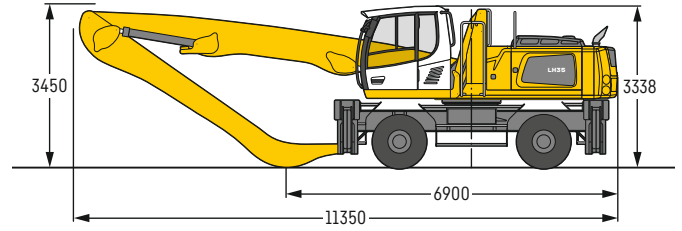
The lift capacities on the stick end without attachment are stated in metric tons (t) and are valid on a firm, level supporting surface with blocked oscillating axle. These capacities can be slewed through 360° with the undercarriage in the transverse position. Capacities in the longitudinal position of the undercarriage (±15°) are specified over the steering axle with the stabilizers raised and over the rigid axle with the stabilizers down. Indicated loads based on the ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity. The lift capacity of the unit is limited by its stability, the lifting capability of the hydraulic elements, or the maximum permissible lifting capacity of the load hook.

In accordance with the harmonised European Standard EN 474-5, hydraulic excavators used for lifting operations must be equipped with pipe fracture safety valves, an overload warning device, a load hook and a lift capacity chart.

LH 35 M – Equipment GA14



Dimensions



Operating weight

The operating weight includes the basic machine with 4 point outriggers, hydr. cab elevation, 8 solid tyres plus intermediate rings, straight boom 7.80m, angled stick 6.00m and multi-tine grab GM 65 / 0.60 m³ semi-closed tines.

Weight 33,100 kg

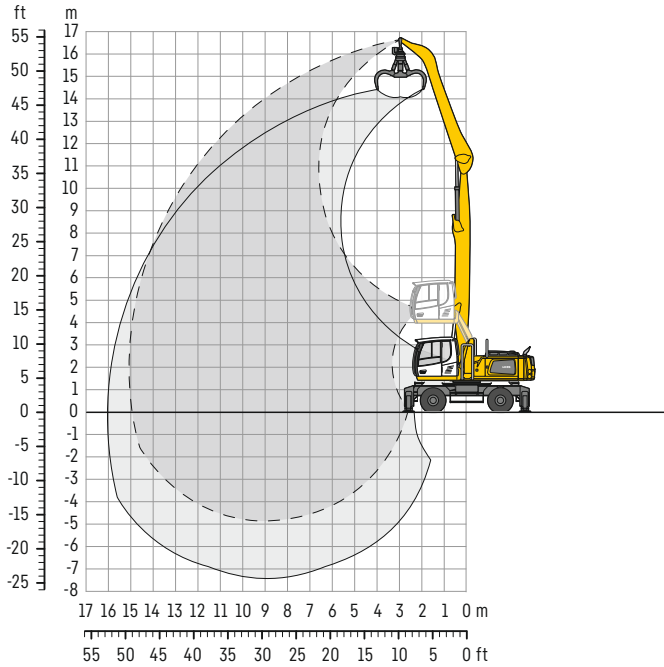
m	Undercarriage	3.0m		4.5m		6.0m		7.5m		9.0m		10.5m		12.0m		13.5m		15.0m		m			
		Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down
16.5	Stabilizers raised																						
15.0	4 pt. outriggers down																				7.0*	7.0*	4.0
13.5	Stabilizers raised					6.6*	6.6*														4.8*	4.8*	7.4
12.0	4 pt. outriggers down					6.6*	6.6*														4.8*	4.8*	7.4
10.5	Stabilizers raised					7.3*	7.3*	5.8	6.4*	4.2	4.8*										3.9	4.1*	9.3
9.0	4 pt. outriggers down					7.3*	7.3*	6.4*	6.4*	4.8*	4.8*										4.1*	4.1*	9.3
7.5	Stabilizers raised							5.9	6.3*	4.3	5.4	3.2	4.1								3.1	3.8*	10.7
6.0	4 pt. outriggers down							6.3*	6.3*	5.6*	5.6*	4.3*	4.3*								3.8*	3.8*	10.7
4.5	Stabilizers raised							5.9	6.3*	4.3	5.5	3.3	4.2								2.6	3.4	11.8
3.0	4 pt. outriggers down							6.3*	6.3*	5.5*	5.5*	4.9*	4.9*								3.6*	3.6*	11.8
1.5	Stabilizers raised					7.5*	7.5*	5.8	6.4*	4.3	5.4	3.3	4.2	2.5	3.3						2.3	3.0	12.5
0	4 pt. outriggers down					7.5*	7.5*	6.4*	6.4*	5.6*	5.6*	4.9*	4.9*	4.3*	4.3*						3.4*	3.4*	12.5
-1.5	Stabilizers raised					7.8	7.9*	5.5	6.6*	4.1	5.2	3.2	4.1	2.5	3.2						2.1	2.8	13.1
-3.0	4 pt. outriggers down					7.9*	7.9*	6.6*	6.6*	5.7*	5.7*	5.0*	5.0*	4.3*	4.3*						3.4*	3.4*	13.1
-4.5	Stabilizers raised	7.1*	7.1*	10.3*	10.3*	7.3	8.5*	5.2	6.7	3.9	5.0	3.1	4.0	2.4	3.2						2.0	2.6	13.5
-6.0	4 pt. outriggers down	7.1*	7.1*	10.3*	10.3*	8.5*	8.5*	6.9*	6.9*	5.8*	5.8*	5.0*	5.0*	4.3*	4.3*						3.4*	3.4*	13.5
-7.5	Stabilizers raised	5.6*	5.6*	10.0	12.2*	6.7	8.7	4.9	6.3	3.7	4.8	2.9	3.8	2.4	3.1	1.9	2.6				1.9	2.5	13.6
-9.0	4 pt. outriggers down	5.6*	5.6*	12.2*	12.2*	9.0*	9.0*	7.1*	7.1*	5.9*	5.9*	5.0*	5.0*	4.2*	4.2*	3.3*	3.3*				3.2*	3.2*	13.6
-10.5	Stabilizers raised	1.1*	1.1*	8.6*	8.6*	6.1	8.1	4.5	5.9	3.5	4.6	2.8	3.7	2.3	3.0	1.9	2.5				1.9	2.5	13.7
-12.0	4 pt. outriggers down	1.1*	1.1*	8.6*	8.6*	9.2*	9.2*	7.2*	7.2*	5.9*	5.9*	4.9*	4.9*	4.0*	4.0*	3.1*	3.1*				2.9*	2.9*	13.7
-13.5	Stabilizers raised	1.6*	1.6*	5.3*	5.3*	5.6	7.6	4.2	5.6	3.3	4.4	2.7	3.6	2.2	2.9	1.9	2.5				1.9	2.5	13.5
-15.0	4 pt. outriggers down	1.6*	1.6*	5.3*	5.3*	8.9*	8.9*	7.0*	7.0*	5.6*	5.6*	4.6*	4.6*	3.7*	3.7*	2.6*	2.6*				2.6*	2.6*	13.5
-16.5	Stabilizers raised	2.6*	2.6*	5.3*	5.3*	5.4	7.3	4.1	5.4	3.2	4.3	2.6	3.5	2.2	2.9						1.9	2.2*	13.1
-18.0	4 pt. outriggers down	2.6*	2.6*	5.3*	5.3*	8.0*	8.0*	6.4*	6.4*	5.2*	5.2*	4.2*	4.2*	3.2*	3.2*						2.2*	2.2*	13.1
-19.5	Stabilizers raised			6.0*	6.0*	5.3	6.6*	4.0	5.3	3.1	4.2	2.6	3.4*								2.2	2.5*	11.8
-21.0	4 pt. outriggers down			6.0*	6.0*	6.6*	6.6*	5.4*	5.4*	4.4*	4.4*	3.4*	3.4*								2.5*	2.5*	11.8

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

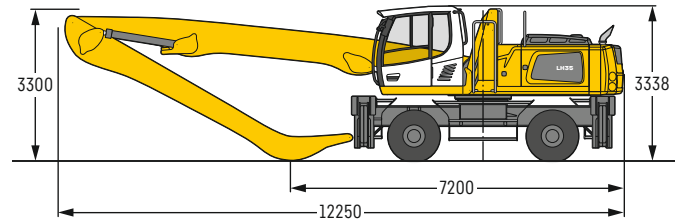
The lift capacities on the stick end without attachment are stated in metric tons (t) and are valid on a firm, level supporting surface with blocked oscillating axle. These capacities can be slewed through 360° with the undercarriage in the transverse position. Capacities in the longitudinal position of the undercarriage (±15°) are specified over the steering axle with the stabilizers raised and over the rigid axle with the stabilizers down. Indicated loads based on the ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity. The lift capacity of the unit is limited by its stability, the lifting capability of the hydraulic elements, or the maximum permissible lifting capacity of the load hook.

In accordance with the harmonised European Standard EN 474-5, hydraulic excavators used for lifting operations must be equipped with pipe fracture safety valves, an overload warning device, a load hook and a lift capacity chart.

LH 35 M – Equipment GA15



Dimensions



Operating weight

The operating weight includes the basic machine with 4 point outriggers, hydr. cab elevation, 8 solid tyres plus intermediate rings, straight boom 8.70m, angled stick 6.50m and multi-tine grab GM 65 / 0.60 m³ semi-closed tines.

Weight 33,500 kg

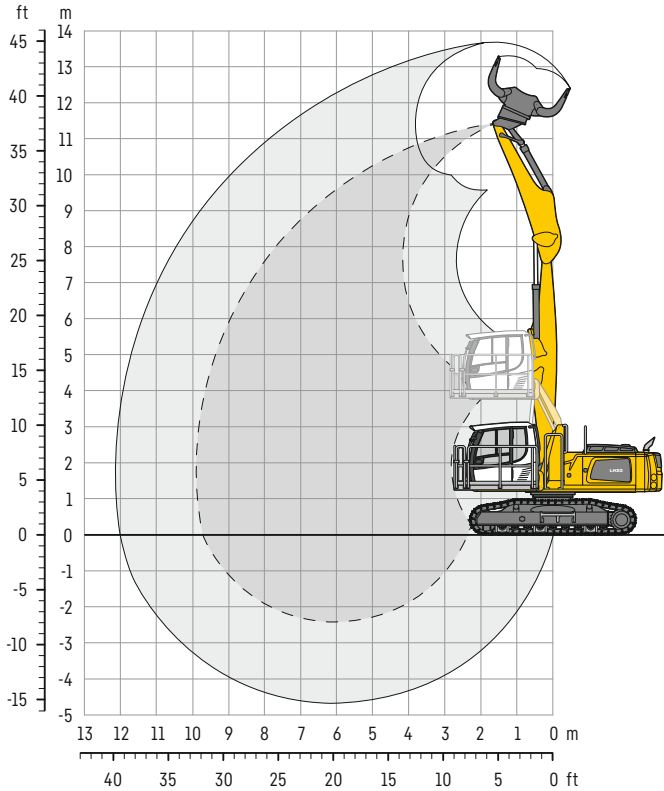
m	Undercarriage	3.0m		4.5m		6.0m		7.5m		9.0m		10.5m		12.0m		13.5m		15.0m		Max. reach		m		
		Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down	Stabilizers raised	4 pt. outriggers down			
16.5	Stabilizers raised																				7.0*	7.0*	3.8	
	4 pt. outriggers down																					7.0*	7.0*	
15.0	Stabilizers raised					6.2*	6.2*	4.7*	4.7*													4.6*	4.6*	7.5
	4 pt. outriggers down					6.2*	6.2*	4.7*	4.7*													4.6*	4.6*	
13.5	Stabilizers raised							5.9	6.1*	4.2	4.9*											3.6	3.9*	9.7
	4 pt. outriggers down							6.1*	6.1*	4.9*	4.9*											3.9*	3.9*	
12.0	Stabilizers raised							6.0*	6.0*	4.4	5.2*	3.2	4.1									2.8	3.5*	11.3
	4 pt. outriggers down							6.0*	6.0*	5.2*	5.2*	4.6*	4.6*									3.5*	3.5*	
10.5	Stabilizers raised							6.0*	6.0*	4.4	5.2*	3.3	4.2	2.5	3.2							2.3	3.0	12.4
	4 pt. outriggers down							6.0*	6.0*	5.2*	5.2*	4.6*	4.6*	4.1*	4.1*							3.3*	3.3*	
9.0	Stabilizers raised							5.9	6.0*	4.4	5.2*	3.3	4.2	2.5	3.3							2.0	2.6	13.4
	4 pt. outriggers down							6.0*	6.0*	5.2*	5.2*	4.6*	4.6*	4.1*	4.1*							3.2*	3.2*	
7.5	Stabilizers raised					7.3*	7.3*	5.7	6.2*	4.2	5.3*	3.2	4.1	2.5	3.2	1.9	2.6					1.7	2.3	14.0
	4 pt. outriggers down					7.3*	7.3*	6.2*	6.2*	5.3*	5.3*	4.6*	4.6*	4.0*	4.0*	3.5*	3.5*					3.1*	3.1*	
6.0	Stabilizers raised					7.7	7.8*	5.4	6.4*	4.0	5.1	3.1	4.0	2.4	3.1	1.9	2.5					1.6	2.2	14.5
	4 pt. outriggers down					7.8*	7.8*	6.4*	6.4*	5.4*	5.4*	4.7*	4.7*	4.0*	4.0*	3.5*	3.5*					3.0*	3.0*	
4.5	Stabilizers raised	7.6*	7.6*	10.8*	10.8*	7.1	8.2*	5.0	6.5	3.8	4.9	2.9	3.8	2.3	3.0	1.8	2.5					1.5	2.0	14.9
	4 pt. outriggers down	7.6*	7.6*	10.8*	10.8*	8.2*	8.2*	6.6*	6.6*	5.5*	5.5*	4.7*	4.7*	4.0*	4.0*	3.4*	3.4*					2.8*	2.8*	
3.0	Stabilizers raised			9.3	11.8*	6.3	8.3	4.6	6.0	3.5	4.6	2.7	3.6	2.2	2.9	1.8	2.4	1.4	2.0			1.4	2.0	15.0
	4 pt. outriggers down			11.8*	11.8*	8.6*	8.6*	6.8*	6.8*	5.6*	5.6*	4.7*	4.7*	4.0*	4.0*	3.3*	3.3*	2.6*	2.6*			2.6*	2.6*	
1.5	Stabilizers raised			4.0*	4.0*	5.6	7.5	4.1	5.5	3.2	4.3	2.6	3.4	2.1	2.8	1.7	2.3	1.4	2.0			1.4	1.9	15.0
	4 pt. outriggers down			4.0*	4.0*	8.6*	8.6*	6.8*	6.8*	5.5*	5.5*	4.6*	4.6*	3.8*	3.8*	3.2*	3.2*	2.3*	2.3*			2.3*	2.3*	
0	Stabilizers raised	0.7*	0.7*	3.1*	3.1*	5.0	7.0	3.8	5.2	3.0	4.1	2.4	3.3	2.0	2.7	1.6	2.3					1.4	2.0	14.9
	4 pt. outriggers down	0.7*	0.7*	3.1*	3.1*	8.2*	8.2*	6.5*	6.5*	5.3*	5.3*	4.4*	4.4*	3.6*	3.6*	2.9*	2.9*					2.0*	2.0*	
-1.5	Stabilizers raised			3.5*	3.5*	4.8	6.7	3.6	4.9	2.8	3.9	2.3	3.2	1.9	2.6	1.6	2.2					1.4	1.7*	14.6
	4 pt. outriggers down			3.5*	3.5*	7.3*	7.3*	5.9*	5.9*	4.8*	4.8*	4.0*	4.0*	3.2*	3.2*	2.5*	2.5*					1.7*	1.7*	
-3.0	Stabilizers raised			4.2*	4.2*	4.6	6.0*	3.5	4.8	2.7	3.8	2.2	3.1	1.9	2.6							1.6	1.8*	13.5
	4 pt. outriggers down			4.2*	4.2*	6.0*	6.0*	5.0*	5.0*	4.2*	4.2*	3.4*	3.4*	2.7*	2.7*							1.8*	1.8*	
-4.5	Stabilizers raised					3.4	3.9*	2.7	3.2*	2.2	2.6*											2.1	2.4*	11.0
	4 pt. outriggers down					3.9*	3.9*	3.2*	3.2*	2.6*	2.6*											2.4*	2.4*	

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

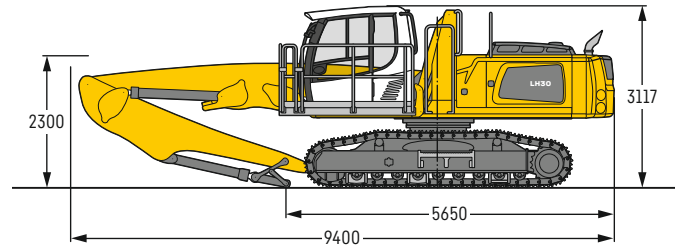
The lift capacities on the stick end without attachment are stated in metric tons (t) and are valid on a firm, level supporting surface with blocked oscillating axle. These capacities can be slewed through 360° with the undercarriage in the transverse position. Capacities in the longitudinal position of the undercarriage (±15°) are specified over the steering axle with the stabilizers raised and over the rigid axle with the stabilizers down. Indicated loads based on the ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity. The lift capacity of the unit is limited by its stability, the lifting capability of the hydraulic elements, or the maximum permissible lifting capacity of the load hook.

In accordance with the harmonised European Standard EN 474-5, hydraulic excavators used for lifting operations must be equipped with pipe fracture safety valves, an overload warning device, a load hook and a lift capacity chart.

LH 30 C LC – Equipment GK10



Dimensions



Operating weight and ground pressure

The operating weight includes the basic machine with hydr. cab elevation, straight boom 5.80 m, stick with tipping kinematics 4.00 m and sorting grab SG 30B / 0.85m³ perforated shells.

Weight	29,600 kg
Pad width	600 mm
Ground pressure	on request

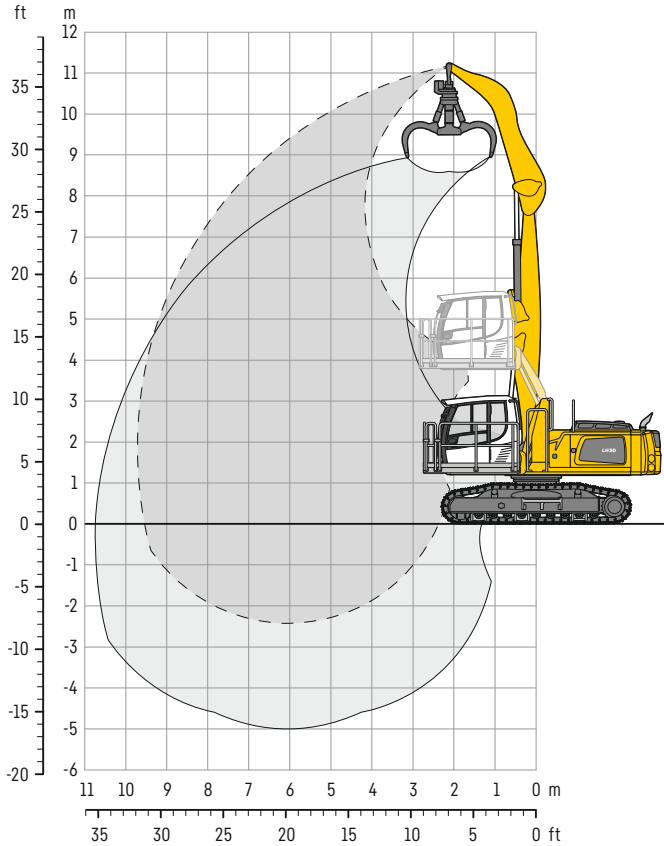
m	Undercarriage	3.0m		4.5m		6.0m		7.5m		9.0m		10.5m		12.0m		13.5m		15.0m		Max. reach		m
		LC	LC	LC	LC	LC	LC	LC	LC	LC	LC	LC	LC	LC	LC	LC	LC	LC	LC	LC	LC	
10.5	LC	12.2*	12.2*																	8.7*	8.7*	4.4
9.0	LC			10.6*	10.6*	7.5	8.9*													6.2	6.5*	6.7
7.5	LC			10.2*	10.2*	7.6	8.6*	5.3	7.5*											4.7	5.7*	8.0
6.0	LC			10.6*	10.6*	7.6	8.8*	5.3	7.5*											3.9	5.3*	8.9
4.5	LC	10.5*	10.5*	11.5	11.6*	7.3	9.2*	5.2	7.6*	3.9	6.0									3.5	5.1*	9.5
3.0	LC	19.8*	19.8*	10.8	12.9*	7.0	9.7*	5.0	7.7*	3.8	5.9									3.3	5.1*	9.8
1.5	LC	2.5*	2.5*	10.0	13.5*	6.6	9.8*	4.8	7.6*	3.7	5.8*									3.2	4.5*	9.9
0	LC	3.2*	3.2*	9.6	12.7*	6.4	9.3*	4.7	7.1*	3.7	5.1*									3.3	3.8*	9.7
-1.5	LC			9.4	10.4*	6.3	7.9*	4.6	5.9*											3.8	4.2*	8.7

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

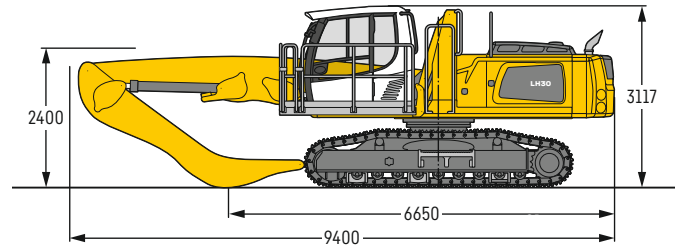
The lift capacities on the stick end without attachment are stated in metric tons (t) and can be slewed through 360° on a firm, level supporting surface. Capacities are valid for 600 mm wide triple grouser pads. Indicated loads based on the ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity. The lift capacity of the unit is limited by its stability, the lifting capability of the hydraulic elements, or the maximum permissible lifting capacity of the load hook.

In accordance with the harmonised European Standard EN 474-5, hydraulic excavators used for lifting operations must be equipped with pipe fracture safety valves, an overload warning device, a load hook and a lift capacity chart.

LH 30 C LC – Equipment GA10



Dimensions



Operating weight and ground pressure

The operating weight includes the basic machine with hydr. cab elevation, straight boom 5.80 m, angled stick 4.00 m and multi-tine grab GM 65 / 0.60 m³ semi-closed tines.

Weight	28,600 kg
Pad width	600 mm
Ground pressure	on request

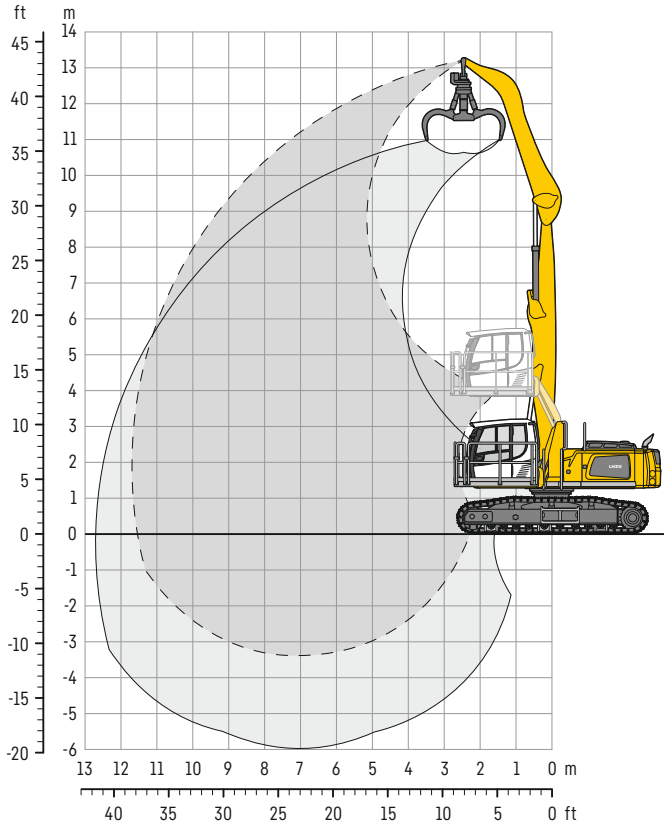
m	Undercarriage	3.0m		4.5m		6.0m		7.5m		9.0m		10.5m		12.0m		13.5m		15.0m		Max. reach		m
		Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can 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	
10.5	LC	10.9*	10.9*																	8.4*	8.4*	4.1
9.0	LC			10.5*	10.5*	7.8	7.9*													6.4*	6.4*	6.4
7.5	LC			10.5*	10.5*	7.9	8.9*	5.5	7.2*											5.1	5.8*	7.8
6.0	LC			10.9*	10.9*	7.8	9.1*	5.5	7.8*											4.3	5.5*	8.8
4.5	LC	13.5*	13.5*	11.7	11.9*	7.6	9.5*	5.4	7.9*	4.1	6.2									3.9	5.4*	9.3
3.0	LC	20.1*	20.1*	11.0	13.2*	7.2	10.0*	5.3	8.0*	4.0	6.2									3.7	5.5*	9.7
1.5	LC	5.0*	5.0*	10.3	13.9*	6.9	10.2*	5.1	7.9	4.0	6.1									3.6	5.2*	9.7
0	LC	4.9*	4.9*	9.9	13.1*	6.7	9.7*	5.0	7.4*	3.9	5.4*									3.6	4.5*	9.6
-1.5	LC			9.8	10.7*	6.6	8.3*	4.9	6.2*											4.1	4.5*	8.7

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

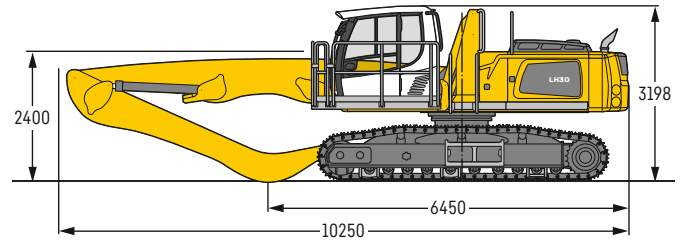
The lift capacities on the stick end without attachment are stated in metric tons (t) and can be slewed through 360° on a firm, level supporting surface. Capacities are valid for 600 mm wide triple grouser pads. Indicated loads based on the ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity. The lift capacity of the unit is limited by its stability, the lifting capability of the hydraulic elements, or the maximum permissible lifting capacity of the load hook.

In accordance with the harmonised European Standard EN 474-5, hydraulic excavators used for lifting operations must be equipped with pipe fracture safety valves, an overload warning device, a load hook and a lift capacity chart.

LH 30 C EW – Equipment GA12



Dimensions



Operating weight and ground pressure

The operating weight includes the basic machine with hydr. cab elevation, straight boom 6.80 m, angled stick 5.00 m and multi-tine grab GM 65 / 0.60 m³ semi-closed tines.

Weight	30,600 kg
Pad width	600 mm
Ground pressure	on request

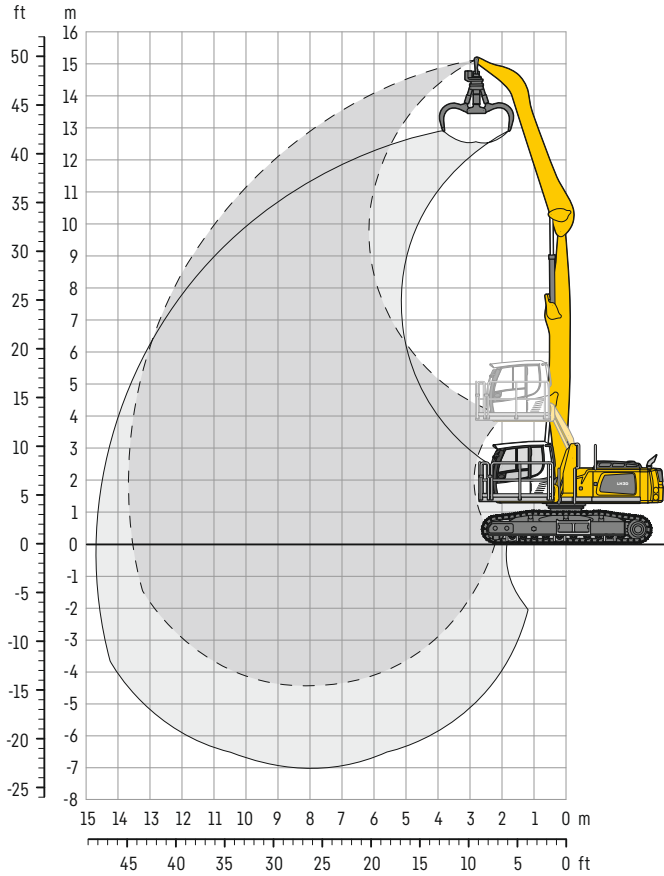
m	Undercarriage	3.0m		4.5m		6.0m		7.5m		9.0m		10.5m		12.0m		13.5m		15.0m		Max. reach		m	
		Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can be slewed through 360°	In longitudinal position of undercarriage	Can 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		
15.0	EW																						
13.5	EW																						
12.0	EW			8.2*	8.2*																6.2*	6.2*	5.7
10.5	EW					8.0*	8.0*	5.9*	5.9*												5.1*	5.1*	7.8
9.0	EW					7.9*	7.9*	7.0*	7.0*	5.4*	5.4*										4.6*	4.6*	9.2
7.5	EW					8.0*	8.0*	6.9*	6.9*	6.1*	6.1*										4.3*	4.3*	10.2
6.0	EW			9.9*	9.9*	8.3*	8.3*	7.1*	7.1*	6.2*	6.2*	5.1	5.3*								4.2*	4.2*	10.9
4.5	EW	9.5*	9.5*	11.3*	11.3*	8.9*	8.9*	7.3*	7.3*	6.2*	6.2*	5.1	5.3*								4.2*	4.2*	11.4
3.0	EW	19.5*	19.5*	12.6*	12.6*	9.4*	9.4*	7.6*	7.6*	6.3*	6.3*	5.0	5.2*								4.2	4.3*	11.7
1.5	EW	2.4*	2.4*	13.2*	13.2*	9.7*	9.7*	7.6*	7.6*	6.1	6.2*	4.9	5.0*								3.9*	3.9*	11.7
0	EW	2.7*	2.7*	9.3*	9.3*	9.4*	9.4*	7.3*	7.3*	5.8*	5.8*	4.5*	4.5*								3.4*	3.4*	11.5
-1.5	EW			8.6*	8.6*	8.4*	8.4*	6.6*	6.6*	5.2*	5.2*	3.7*	3.7*								3.1*	3.1*	11.0
-3.0	EW					6.6*	6.6*	5.3*	5.3*	4.0*	4.0*										3.9*	3.9*	9.1

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

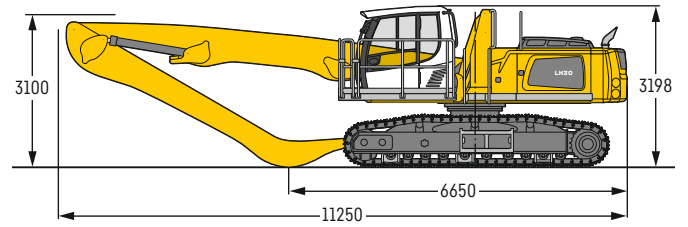
The lift capacities on the stick end without attachment are stated in metric tons (t) and can be slewed through 360° on a firm, level supporting surface. Capacities are valid for 600 mm wide triple grouser pads. Indicated loads based on the ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity. The lift capacity of the unit is limited by its stability, the lifting capability of the hydraulic elements, or the maximum permissible lifting capacity of the load hook.

In accordance with the harmonised European Standard EN 474-5, hydraulic excavators used for lifting operations must be equipped with pipe fracture safety valves, an overload warning device, a load hook and a lift capacity chart.

LH 30 C EW – Equipment GA14



Dimensions



Operating weight and ground pressure

The operating weight includes the basic machine with hydr. cab elevation, straight boom 7.80 m, angled stick 6.00 m and multi-tine grab GM 65/0.60 m³ semi-closed tines.

Weight	31,000 kg
Pad width	600 mm
Ground pressure	on request

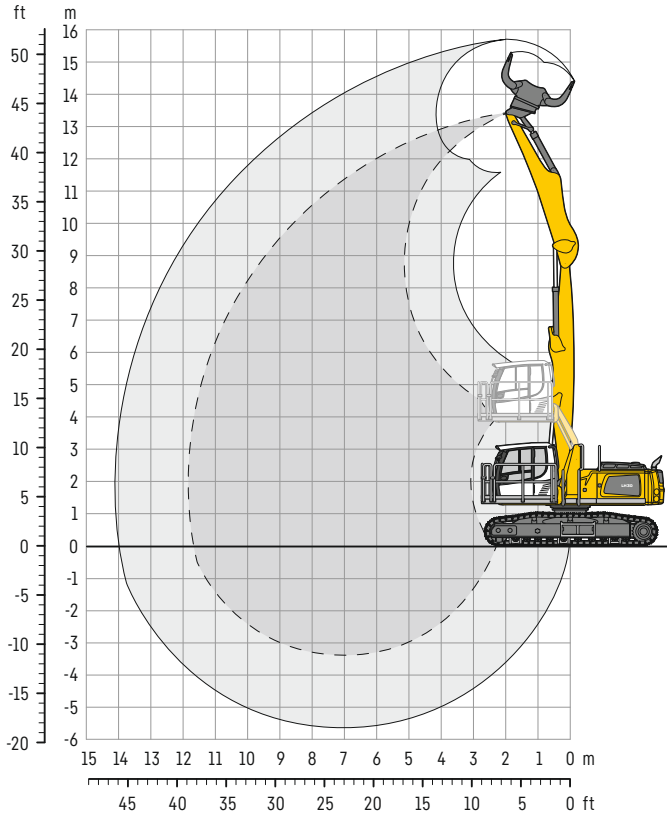
m	Undercarriage	3.0m		4.5m		6.0m		7.5m		9.0m		10.5m		12.0m		13.5m		15.0m		Max. reach		m
		EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	
15.0	EW	8.2*	8.2*																	7.8*	7.8*	3.3
13.5	EW					6.4*	6.4*													5.0*	5.0*	7.0
12.0	EW					7.2*	7.2*	6.3*	6.3*	4.4*	4.4*									4.2*	4.2*	9.1
10.5	EW							6.3*	6.3*	5.6*	5.6*	4.0*	4.0*							3.8*	3.8*	10.6
9.0	EW							6.3*	6.3*	5.5*	5.5*	4.9*	4.9*							3.6*	3.6*	11.7
7.5	EW					7.4*	7.4*	6.4*	6.4*	5.6*	5.6*	4.9*	4.9*	4.1	4.3*					3.5*	3.5*	12.5
6.0	EW					7.8*	7.8*	6.6*	6.6*	5.7*	5.7*	5.0*	5.0*	4.1	4.3*					3.4*	3.4*	13.0
4.5	EW			9.6*	9.6*	8.4*	8.4*	6.9*	6.9*	5.8*	5.8*	5.0*	5.0*	4.0	4.3*					3.3	3.4*	13.4
3.0	EW	12.0*	12.0*	12.0*	12.0*	8.9*	8.9*	7.1*	7.1*	5.9*	5.9*	4.9	5.0*	3.9	4.2*	3.3	3.3*			3.2	3.2*	13.6
1.5	EW	1.1*	1.1*	10.2*	10.2*	9.2*	9.2*	7.2*	7.2*	5.9*	5.9*	4.7	4.9*	3.9	4.0*	3.1*	3.1*			2.9*	2.9*	13.7
0	EW	1.5*	1.5*	5.4*	5.4*	8.9*	8.9*	7.0*	7.0*	5.7*	5.7*	4.6	4.7*	3.8*	3.8*	2.7*	2.7*			2.6*	2.6*	13.5
-1.5	EW	2.5*	2.5*	5.2*	5.2*	8.1*	8.1*	6.5*	6.5*	5.2*	5.2*	4.2*	4.2*	3.3*	3.3*					2.2*	2.2*	13.2
-3.0	EW			5.9*	5.9*	6.8*	6.8*	5.6*	5.6*	4.5*	4.5*	3.5*	3.5*							2.5*	2.5*	12.0

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

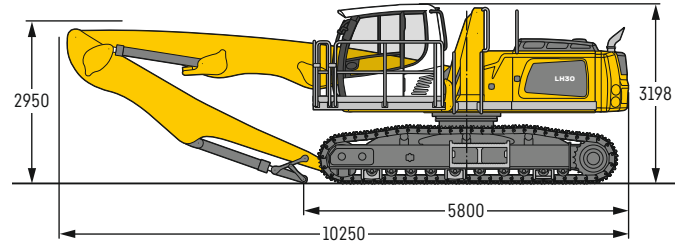
The lift capacities on the stick end without attachment are stated in metric tons (t) and can be slewed through 360° on a firm, level supporting surface. Capacities are valid for 600 mm wide triple grouser pads. Indicated loads based on the ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity. The lift capacity of the unit is limited by its stability, the lifting capability of the hydraulic elements, or the maximum permissible lifting capacity of the load hook.

In accordance with the harmonised European Standard EN 474-5, hydraulic excavators used for lifting operations must be equipped with pipe fracture safety valves, an overload warning device, a load hook and a lift capacity chart.

LH 30 C EW – Equipment GK12



Dimensions



Operating weight and ground pressure

The operating weight includes the basic machine with hydr. cab elevation, straight boom 6.80 m, stick with tipping kinematics 5.00 m and sorting grab SG 30B / 0.85m³ perforated shells.

Weight	31,600 kg
Pad width	600 mm
Ground pressure	on request

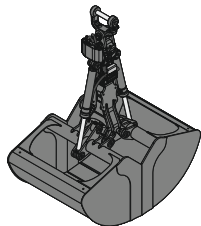
m	Undercarriage	3.0m		4.5m		6.0m		7.5m		9.0m		10.5m		12.0m		13.5m		15.0m		Max. reach		m	
		☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞		☞
12.0	EW			8.8*	8.8*																6.3*	6.3*	6.0
10.5	EW																				5.0*	5.0*	8.1
9.0	EW					7.6*	7.6*	6.6*	6.6*	5.9*	5.9*										4.4*	4.4*	9.4
7.5	EW					7.7*	7.7*	6.6*	6.6*	5.8*	5.8*										4.1*	4.1*	10.4
6.0	EW			8.8*	8.8*	8.0*	8.0*	6.8*	6.8*	5.8*	5.8*	4.9	5.0*								4.0*	4.0*	11.1
4.5	EW	6.8*	6.8*	10.6*	10.6*	8.6*	8.6*	7.0*	7.0*	5.9*	5.9*	4.8	5.0*								3.9*	3.9*	11.6
3.0	EW	18.0*	18.0*	12.3*	12.3*	9.1*	9.1*	7.2*	7.2*	5.9*	5.9*	4.7	4.9*								3.7*	3.7*	11.8
1.5	EW			12.9*	12.9*	9.3*	9.3*	7.3*	7.3*	5.8*	5.8*	4.6	4.7*								3.3*	3.3*	11.8
0	EW	1.5*	1.5*	7.5*	7.5*	9.0*	9.0*	7.0*	7.0*	5.5*	5.5*	4.2*	4.2*								2.8*	2.8*	11.7
-1.5	EW			7.4*	7.4*	8.0*	8.0*	6.2*	6.2*	4.8*	4.8*	3.4*	3.4*								2.8*	2.8*	11.0
-3.0	EW					6.3*	6.3*	4.9*	4.9*	3.6*	3.6*										3.5*	3.5*	9.1

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

The lift capacities on the stick end without attachment are stated in metric tons (t) and can be slewed through 360° on a firm, level supporting surface. Capacities are valid for 600 mm wide triple grouser pads. Indicated loads based on the ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity. The lift capacity of the unit is limited by its stability, the lifting capability of the hydraulic elements, or the maximum permissible lifting capacity of the load hook.

In accordance with the harmonised European Standard EN 474-5, hydraulic excavators used for lifting operations must be equipped with pipe fracture safety valves, an overload warning device, a load hook and a lift capacity chart.

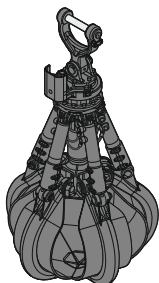
Attachments



Grab for loose material

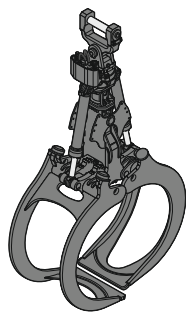
Shells for loose material with cutting edge (without teeth)

Grab model GMZ 40													
Shell specification		Standard					Wide						
Width of shells	mm	1,190	1,500	1,750	1,900	2,150	2,500	1,190	1,500	1,750	2,000	2,250	2,500
Capacity	m ³	2.10	2.50	3.00	3.50	4.00	4.50	1.20	1.50	1.75	2.00	2.25	2.50
Weight	kg	1,715	1,860	1,980	2,055	2,315	2,470	1,515	1,640	1,745	1,850	2,025	2,130



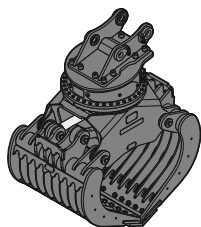
Multi-tine grab

		open		semi-closed		closed	
Grab model GM 64 (4 tines)							
Capacity	m ³	0.40	0.60	0.40	0.60	0.40	0.60
Weight	kg	800	910	940	1,060	1,100	1,265
Grab model GM 65 (5 tines)							
Capacity	m ³	0.40	0.60	0.40	0.60	0.40	0.60
Weight	kg	1,175	1,310	1,350	1,490	1,365	1,605



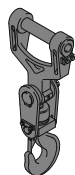
Wood grab

Grab model GM 20B round-shaped (complete overlapping, vertical cylinders)							
Size	m ²	1.00	1.30	1.50	1.70	1.90	
Cutting width	mm	810	810	810	810	810	
Height of grab, closed	mm	2,572	2,675	2,720	2,812	2,897	
Weight	kg	1,545	1,575	1,595	1,625	1,760	



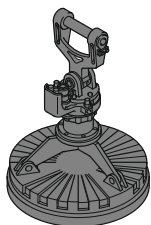
Sorting grab

		ribbed	perforated	ribbed	perforated	ribbed	perforated
Grab model SG 30B							
Width of shells	mm	1,000	1,000	1,200	1,200	1,400	1,400
Capacity	m ³	0.75	0.85	0.90	1.00	1.05	1.15
Max. closing force	kN	80	80	80	80	80	80
Weight incl. adapter plate SWA	kg	1,765	1,685	1,875	1,760	1,980	1,835



Load hook

Max. load	t	12,5
Height with suspension	mm	930
Weight	kg	135



Magnet devices / lifting magnets

Generator	kW	13/17	13/17
Electromagnet with suspension			
Power	kW	8.8	10
Diameter of magnet	mm	1,250	1,350
Weight	kg	1,310*	1,700*

* only magnet plate

Equipment



Undercarriage

	30 M	35 M	30 C
4-wheel steering		+	
Trailer coupling	+	+	
Track pads, variants			+
Individual control outriggers	+	+	
Shuttle axle lock, automatic	●	●	
Outrigger monitoring system	+	+	
Dozer blade	+	+	
Tyres, variants	+	+	
Protection for travel drive	+	+	
Protection for piston rods, outriggers	+	+	
Two storage compartments	●	●	
Undercarriage, variants			+



Uppercarriage

	30 M	35 M	30 C
Uppercarriage right side light, 1 piece, LED	●	●	●
Uppercarriage rear light, 2 pieces, LED	+	+	+
Heavy counterweight	+		
Refuelling system with filling pump	+	+	+
Railing on uppercarriage	+	+	+
Generator	+	+	+
Main battery switch for electrical system	●	●	●
Amber beacon, at uppercarriage, LED double flash	+	+	+
Protection for headlights	+	+	+
Protection for rear lights	+	+	+
Tool equipment, extended	+	+	+



Hydraulic system

	30 M	35 M	30 C
Electronic pump regulation	●	●	●
Liebherr hydraulic oil from -20 °C to +40 °C	●	●	●
Liebherr hydraulic oil, biologically degradable	+	+	+
Magnetic rod in hydraulic tank	●	●	●
Bypass filter	+	+	+
Preheating hydraulic oil	+	+	+



Engine

	30 M	35 M	30 C
Fuel anti-theft device	+	+	+
Air pre-filter with dust discharge	+	+	+
Automatic engine shut-down (time adjustable)	+	+	+
Preheating fuel	+	+	+
Preheating coolant	+	+	+
Preheating engine oil*	+	+	+



Cooling system

	30 M	35 M	30 C
Radiator, large-mesh, for dust-intensive operation	●	●	●
Reversible fan drive	+	+	+
Protective grid in front of cooler intake	●	●	●



Cab

	30 M	35 M	30 C
Stabilizer, control lever, left console	+	+	
Stabilizer, proportional control on left joystick	●	●	
Cab lights rear, halogen	+	+	+
Cab lights rear, LED	+	+	+
Cab lights front, halogen	+	+	+
Cab lights front, halogen (under rain cover)	●	●	●
Cab lights front, LED	+	+	+
Cab lights front, LED (under rain cover)	+	+	+
Armrest adjustable	●	●	●
Slewing gear brake Comfort, button on the left or right joystick	+	+	+
Operator's seat Comfort	●	●	●
Operator's seat Premium	+	+	+
Driving alarm			
(acoustic signal is emitted during travel, can be switched ON/OFF)	+	+	+
Fire extinguisher	+	+	+
Footrest	+	+	+
Horn, button on left joystick	●	●	●
Joystick steering (max. 12 km/h)	●	●	
Joystick and wheel steering (slim version)	+	+	
Cab elevation, hydraulic (LHC)	●	●	●
Cab elevation, hydraulic with tilt function (LHC)	+	+	+
Cab elevation, rigid (LFC)	+	+	+
Automatic air conditioning	●	●	●
Wheel steering (slim version)	+	+	
LIDAT, vehicle fleet management	●	●	●
Proportional control	●	●	●
Radio Comfort, control via display with handsfree set	+	+	+
Preparation for radio installation	●	●	●
Back-up alarm			
(acoustic signal is emitted traveling backward, can not be switched off)	+	+	
Amber beacon, on cab, LED double flash	+	+	+
Windows made from impact-resistant laminated safety glass	+	+	+
Windscreen wiper, roof	+	+	+
Windshield wiper, entire windscreen	●	●	●
FOPS top guard	+	+	+
FGPS front guard, tiltable	+	+	+
Sun visor	+	+	+
Left control console, folding	●	●	●



Equipment

	30 M	35 M	30 C
Boom lights, 2 pieces, halogen	●	●	●
Boom lights, 2 pieces, LED	+	+	+
Stick lights, 2 pieces, halogen	●	●	●
Stick lights, 2 pieces, LED	+	+	+
Filter system for attachment	+	+	+
Height limitation and stick shutoff, electronically	+	+	+
Boom cylinder cushioning	+	+	+
Stick camera (with separate monitor), bottom side, with protection	+	+	+
Liebherr multi coupling system	+	+	+
Liebherr quick coupler, hydraulic	+	+	+
Pipe fracture safety valves hoist cylinders	●	●	●
Pipe fracture safety valves stick cylinders	●	●	●
Quick coupling system Solidlink	+	+	+
Quick coupling system MH 40B	+	+	+
Protection for piston rods, hoist cylinder	+	+	+
Protection for piston rods, stick cylinder	+	+	+
Overload warning device	+	+	+



Complete machine

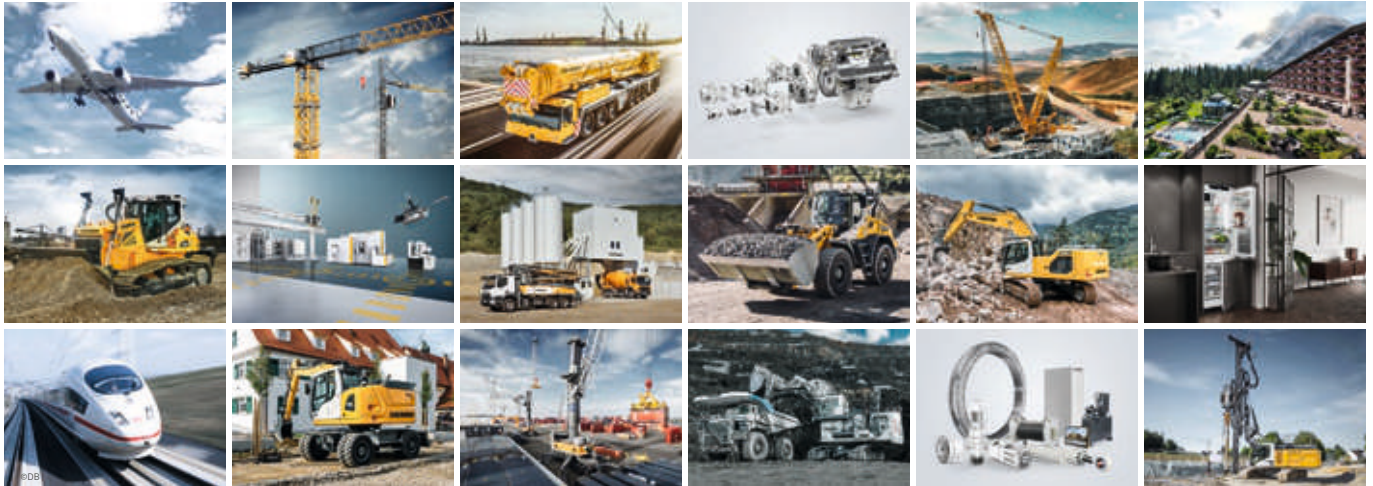
	30 M	35 M	30 C
Lubrication			
Lubrication undercarriage, manually - decentralised (grease points)	●	●	
Lubrication undercarriage, manually - centralised (one grease point)	+	+	
Central lubrication system for uppercarriage and equipment, automatically	●	●	●
Central lubrication system for undercarriage, automatically	+	+	
Centralised lubrication extended for attachment	+	+	+
Special coating			
Special coating, variants	+	+	+
Monitoring			
Rear view monitoring with camera	●	●	●
Side view monitoring with camera	●	●	●

● = Standard, + = Option

* = country-dependent

Options and /or special equipment, 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



Global and independent: more than 70 years of success

Liebherr was founded in 1949 when, with the development of the world's first mobile tower crane, Hans Liebherr laid the foundations for a family business now employing nearly 50,000 people and comprising over 140 companies across every continent.

The parent company is Liebherr-International AG in Bulle, Switzerland, whose associates are exclusively members of the Liebherr family.

Leaders and pioneers

Liebherr is a pioneer and its forward-looking approach has seen it make important contributions to technology history over a wide variety of industries. Employees throughout the world continue to share the courage of the founder, sharing a passion to produce innovative products and a determination to provide world-leading equipment and machinery.

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The company is one of the world's biggest construction equipment manufacturers and provides high-quality, user-oriented products and services to sectors including: earthmoving, material handling, deep foundations, mining, mobile and crawler cranes, tower cranes, concrete production and distribution, maritime cranes, aerospace and transportation, gear technology and automation, refrigeration and freezing, components and hotels.

Customised care

Liebherr solutions are characterised by precision, implementation and longevity. The company is committed to technological excellence and to providing customers with solutions that match their needs exactly. That customer focus does not end with delivery of a product but continues through a comprehensive range of back-up and support services.

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