LH 26 Industry E Litronic

LIEBHERR

Electric material handler

Generation
6

Operating weight
57,800–61,500 lb *

Engine
90 kW
Electric

* Without attachment

Performance

Power plus speed –
redefined performance

Economy

Good investment –
savings for the 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

LH 26 M Industry E Litronic

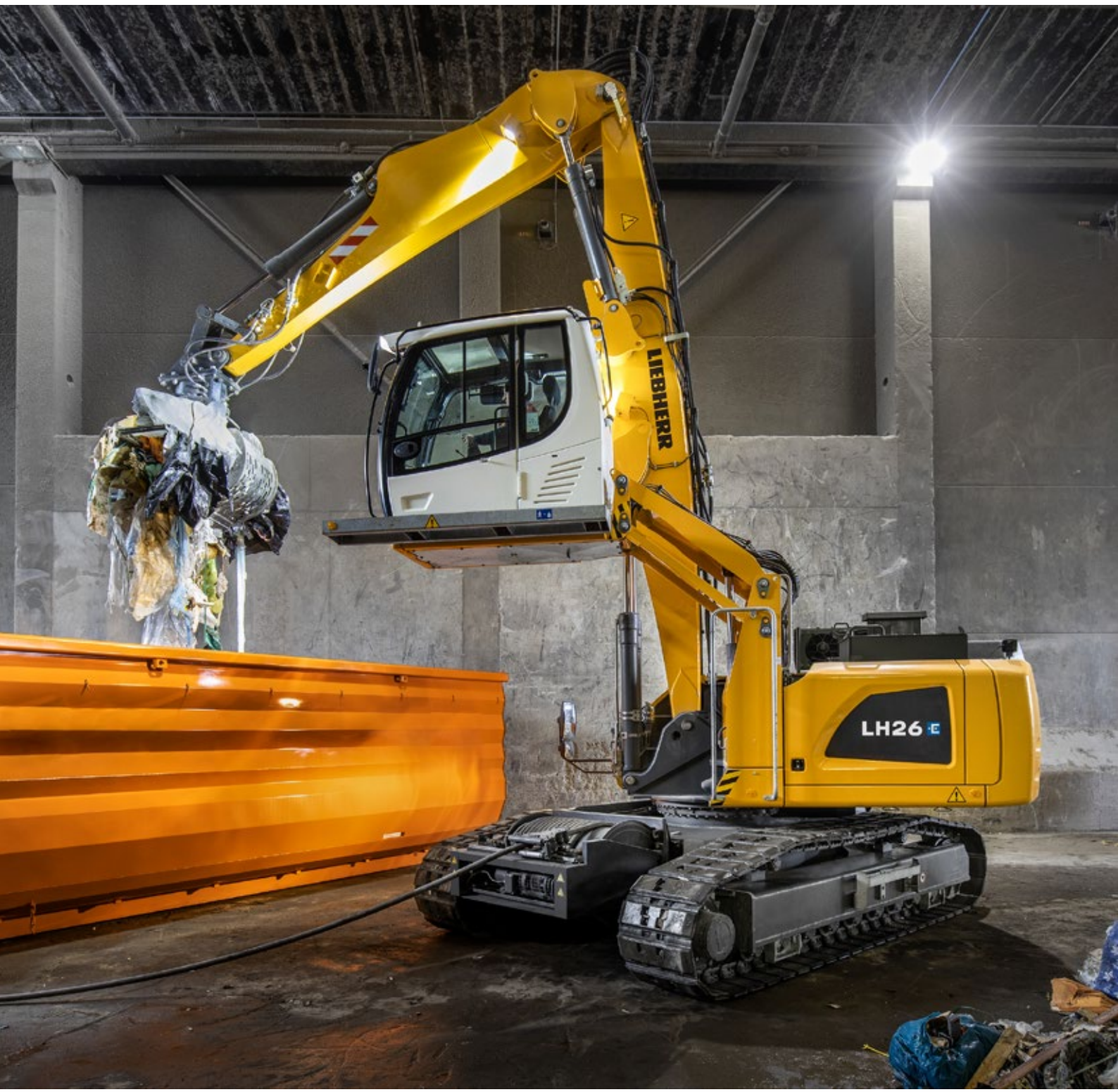
Operating weight
57,800–58,400 lb *
Engine
90 kW
Electric

LH 26 C Industry E Litronic

Operating weight
58,900–61,500 lb *
Engine
90 kW
Electric

* Without attachment

Well thought out to the last detail



Frequency converters
- Individual adjustment of the speed
- Gentle start to avoid activation current peaks during starting
- Simple adjustment to all conventional power supply networks

Extremely dusty jobs
- Large scale cooler with large mesh for excellent cooling capacity
- Recycling package with reversible fan and separate position of the air conditioning condenser to delay the engine and cooler becoming contaminated and thus ensuring high machine availability

Mobility Kit
- Battery-powered Mobility Kit for temporary, mains-independent operation
- Location-independent operation for maximum flexibility on site

Cable reel systems
- Automatic winding and unwinding for easy operation, more safety and optimum cable protection
- Various cable lengths for a wide range of requirements
- Extended movement radius for additional flexibility in use

Convincing in operation

Performance

Advanced technology
The frequency converter guarantees the flexibility required by the electric motor to suit the job in hand. As a result of its function as a speed regulator, it enables sensitive, dynamic work movements to be performed and combines precision with speed.

Rapid work cycles
The LH 26 Industry E electrical handling machine features the load-sensing control system. This divides the fluid delivered by the pump independently of the load pressures. This, in turn, means that the parallel actuation of multiple consumers, such as moving the equipment or the uppercarriage, does not affect their speed. The benefit is that this makes simultaneous movements possible to achieve a significantly higher handling capacity.

Economy

Sensor controlled low idle automatic
The proven standard sensor controlled automatic low idle reduces the engine speed to idling level as soon as the operator takes his hand off the joystick which means that no hydraulic functions are activated. In addition to saving energy, this also reduces noise.

Optimised running costs
The low maintenance requirement reduces service costs and guarantees high machine availability. The frequency converter technology used on the LH 26 Industry E significantly reduces electricity costs compared to systems without frequency converters. The reason for this is that the reserve power required for the start of the machine and the reactive currents whilst the machine is operating are lower.

Mobility Kit
The optional Mobility Kit allows you to change locations or do short, light work independently of mains operation. The battery pack is charged during operations and the electrical energy is stored. When the mains connection is disconnected the handling machine is automatically supplied with electrical energy from the Mobility Kit. The machine can be moved regardless of its location, which ensures maximum flexibility.

Reliability

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 and electric motors, electronic components, slewing ring, slewing drives and hydraulic cylinders are developed and produced by Liebherr itself. The extet of in-house manufacturing guarantees maximum quality and ensures that components are optimally configured to each other.

Protecting the components
As a power converter, the frequency converter provides a direct power supply and control for the electric motor by adjusting to the local power supply network and ensures that the motor can be started gently to protect the hydraulic drive components, ensuring that they deliver a long service life.

Working area limit
The handling machine can be fitted with an optional working area limit for jobs which require a limited working area. This can prevent collisions and the resulting component damage.

Comfort

Auxiliary air conditioning system
The standard auxiliary air conditioning system delivers a perfect climate for the cab regardless of the actual ambient conditions. This function is delivered independently of the main motor and is available to the operator at all times.

Ergonomic
The latest cab design delivers excellent conditions for healthy, highly concentrated and productive work in maximum comfort. Both the display unit with touchscreen colour display, the controls and comfort driver's seat are all coordinated to form a perfect ergonomic unit. In addition the ergonomic joysticks allow the machine operation to be both pleasant and precise.

Proportional control system
Precision and the fine control of the handling machine are particularly important for applications such as material sorting or scrap recycling. The machine can master this demanding work with ease thanks to its standard proportional control system.

Maintainability

Low maintenance electric motor
The LH 26 Industry E combines time-tested technology with a new electric drive concept – low maintenance, low noise and unaffected by statutory emissions standards. The heart of the machine is the 90 kW electric motor which powers the hydraulic pump directly and with infinite variation.

Service-based machine design
The service-based machine design guarantees short maintenance 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
The completion of maintenance work helps keep the machine fully functional. Maintenance work does, however, mean machine down time which must be minimised. Automatic central lubrication systems for the uppercarriage and equipment as well as optional systems for the undercarriage, rapid change systems and attachments not only make it easier to adhere to the prescribed lubrication intervals and ensure a long service life for the components, but also increase the productivity of the Liebherr LH 26 Industry E handling machine.

Technical data

Electric motor

Rating	90 kW at 1,800 rpm
Model	Liebherr KGF898/4
Type	Three-phase squirrel cage motor
Secondary electric motor	Electric motor auxiliary equipment (air-conditioning compressor, alternator 24 V) 15 kW
Electrical system energy supply	Liebherr drive components and control cabinets for uppercarriage and undercarriage Liebherr frequency converter fed drive system Heavy-duty version
Manufacturer	Liebherr
Supply voltage	
Low voltage	380 V, 400 V
Frequency	50 / 60 Hz
Engine idling	Sensor controlled
Electrical system	Battery-assisted Control system, lighting, diagnostics system
Voltage	24 V
Batteries	2 x 135 Ah / 12 V
Alternator	Three-phase current 28 V / 140 A

Deviating parameters of the power supply system must always be clarified with Liebherr-Hydraulikbagger GmbH.

Cooling system

Electric motor	Air-cooled Cooling system for hydraulic oil with an infinitely variable, thermostatically controlled fan drive system

Hydraulic controls

Power distribution	Via control valves with integrated safety valves, simultaneous and independent actuation of chassis, swing drive and equipment
Servo circuit	
Equipment and swing	With hydraulic pilot control and proportional joystick levers
Chassis	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	Liebherr axial piston variable displacement pump
Max. flow	103 gpm
Max. pressure	5,076 psi
Hydraulic pump regulation and control	Liebherr-Synchron-Comfort-system (LSC) with electronic engine speed sensing regulation, pressure and flow compensation, torque controlled swing drive priority
Hydraulic tank	41 gal
Hydraulic system	93 gal
Filtration	1 main return filter with integrated partial micro filtration (5 µm)
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 with integrated brake valve and torque control
Swing ring	Liebherr, sealed race ball bearing swing ring, internal teeth
Swing speed	0–9.0 rpm stepless
Swing torque	39,091 lbf ft
Holding brake	Wet multi-disc (spring applied, pressure released)
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, 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, color display with touchscreen, video-compatible, numerous setting, control and monitoring options, e.g. air conditioning control, energy 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, stationary air conditioning function with external climate condenser – controlled by a weekly timer

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 Joystick steering	0–2.0 mph stepless (creeper speed + transmission stage 1)
Travel speed Wheel steering (Option)	0–2.0 mph stepless (creeper speed + transmission stage 1)
Driving operation	Automotive driving using accelerator pedal, cruise control function: storage of variable accelerator pedal positions
Axles	88,185 lb drive axles; manual or automatic hydraulically controlled front axle oscillation lock
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	Stabilizing blade + 2 point outriggers 4 point outriggers
Crawler	
Version	LC
Drive	Liebherr compact planetary reduction gear with Liebherr axial piston motor per side of undercarriage
Travel speed	0–2.0 mph stepless (creeper speed)
Brake	Functional brake valves on both sides
Holding brake	Wet multi-disc (spring applied, pressure released)
Track pads	Triple grouser

Equipment

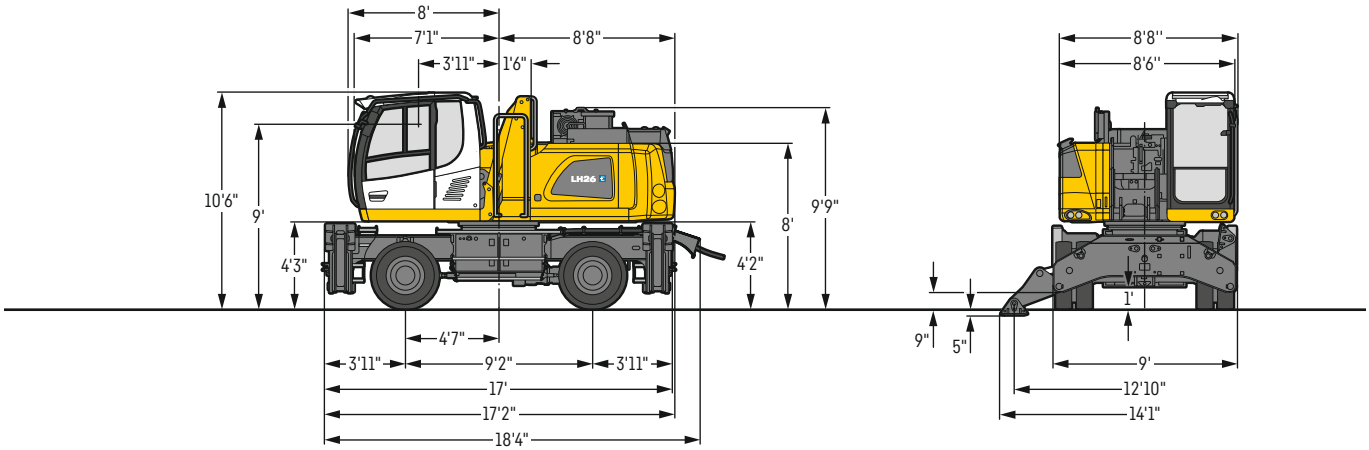
Type	High-strength steel plates at highly-stressed points for the toughest requirements. Complex and stable mountings of equipment and cylinders
Hydraulic cylinders	Liebherr cylinders with special sealing and guide system and, depending on cylinder type, shock absorption
Bearings	Sealed, low maintenance

Complete machine

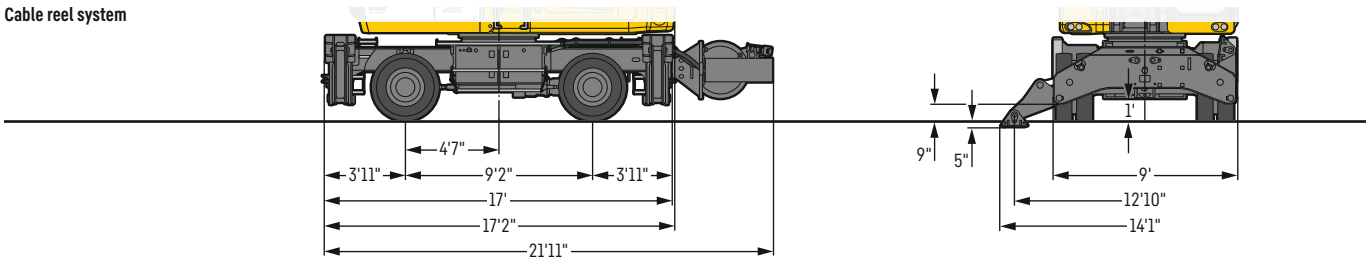
Lubrication	Liebherr central lubrication system for uppercarriage and equipment, automatically
Steps system	Safe and durable access system with anti-slip steps; main components hot-galvanized
Noise emission	
ISO 6396	70 dB(A) = L_{pA} (inside cab)
2000/14/EC	99 dB(A) = L_{WA} (surround noise)

LH 26 M – Dimensions

Trailing cable

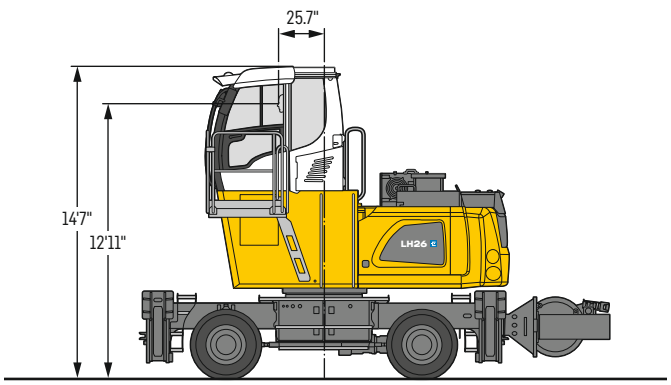


Cable reel system



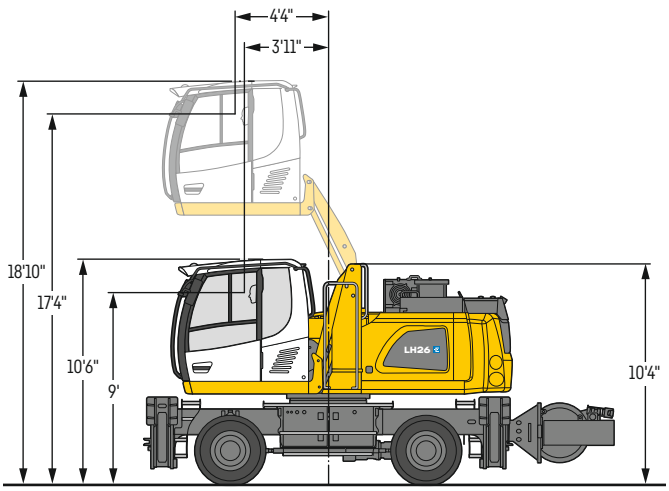
LH 26 M – Choice of cab elevation

Cab elevation LFC 120 (rigid elevation)



If a lower transport height is required, the rigid cab elevation must be replaced with a transport device. The height with the transport device for this machine version is 11'8".

Cab elevation LHC 255 (hydraulic elevation)

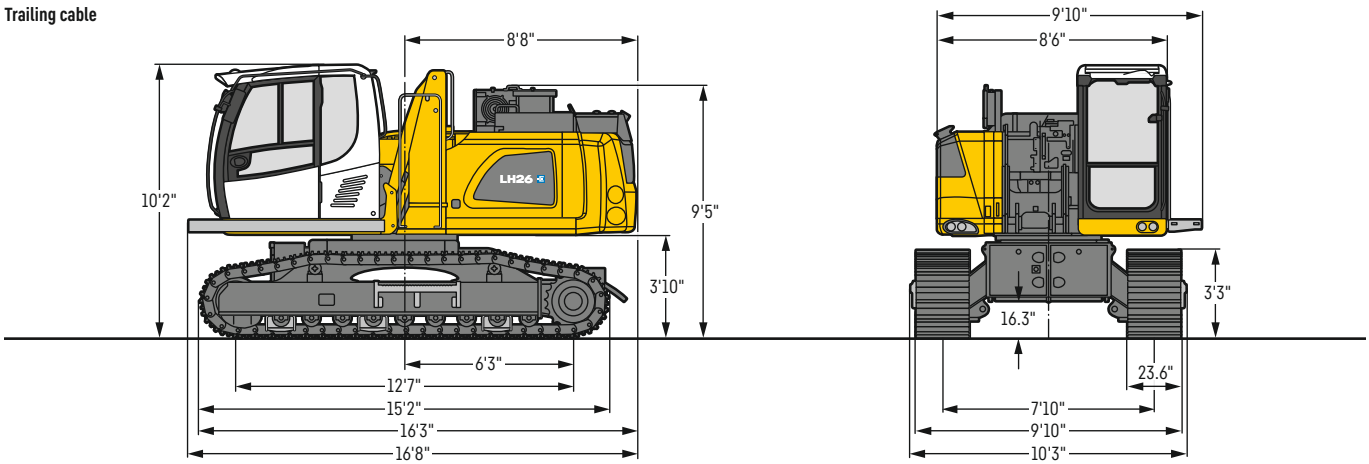


The hydraulically adjustable cab elevation allows the operator to choose his field of view freely and at any time within the stroke.

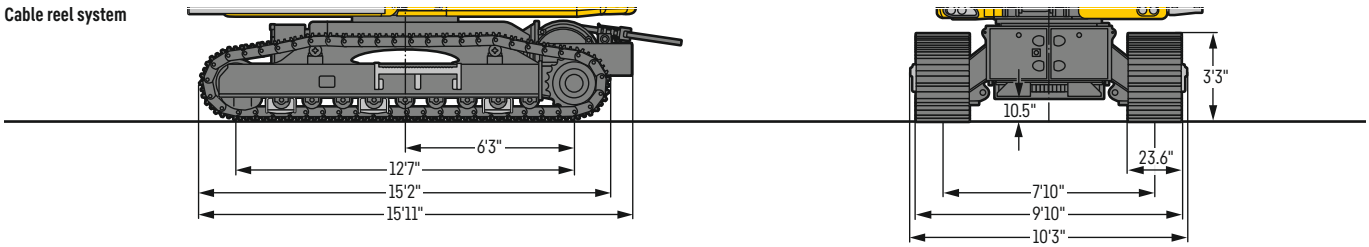
Tires 10.00-20

LH 26 C – Dimensions

Trailing cable

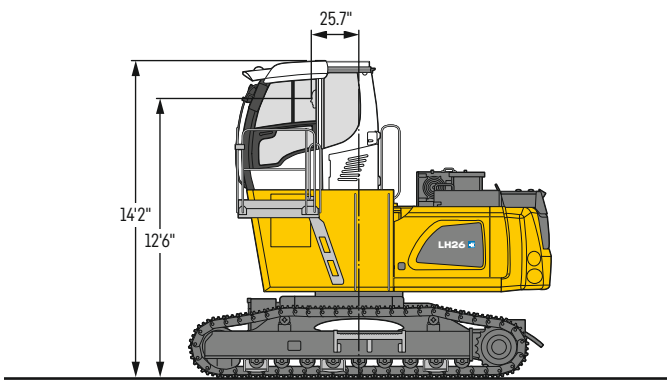


Cable reel system



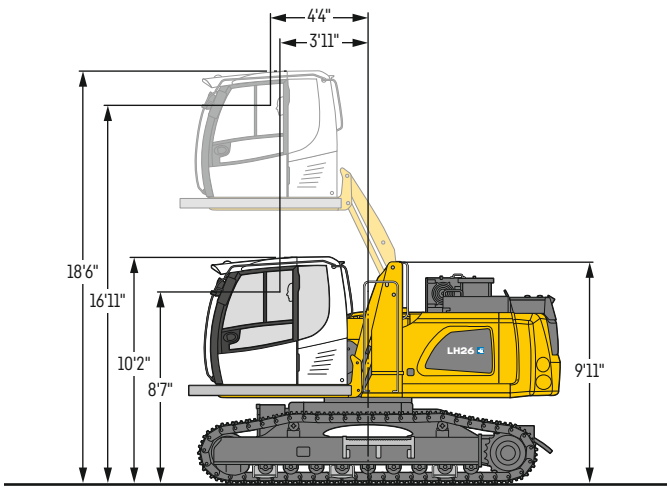
LH 26 C – Choice of cab elevation

Cab elevation LFC 120 (rigid elevation)



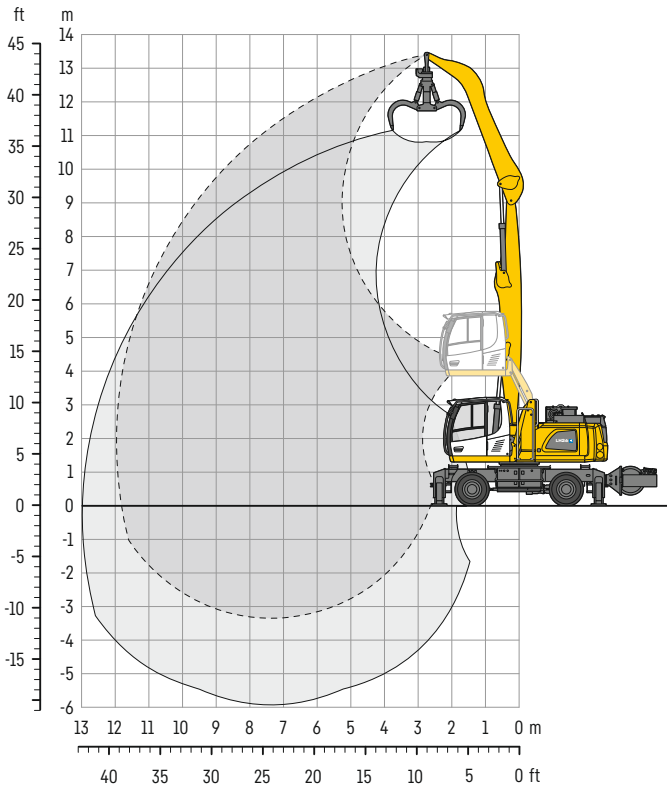
If a lower transport height is required, the rigid cab elevation must be replaced with a transport device. The height with the transport device for this machine version is 11'3".

Cab elevation LHC 255 (hydraulic elevation)

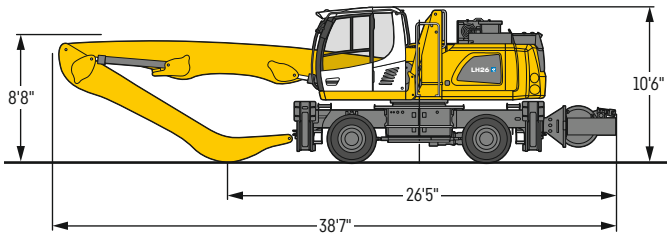


The hydraulically adjustable cab elevation allows the operator to choose his field of view freely and at any time within the stroke.

LH 26 M – Equipment GA12



Dimensions



Operating weight

The operating weight includes the basic machine with 4 point outriggers, hydr. cab elevation, 8 solid tires plus intermediate rings, straight boom 23'4", angled stick 16'5" and multi-tine grab GMM 35-5 / 0.78 yd³ semi-closed tines.

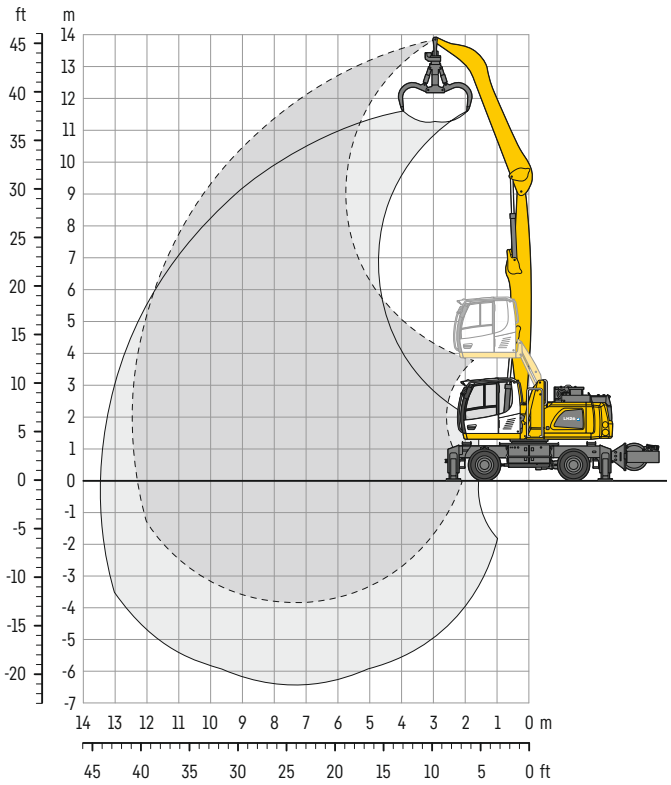
Weight	59,800 lb

ft	Undercarriage	10 ft		15 ft		20 ft		25 ft		30 ft		35 ft		40 ft				ft in
45	Stabilizers raised																	
	4 pt. outriggers down																	
40	Stabilizers raised			14,0*	14,0*											10,4*	10,4*	19' 8"
	4 pt. outriggers down			14,0*	14,0*											10,4*	10,4*	
35	Stabilizers raised					11,4	13,6*	7,8	10,4							6,9	8,7*	26' 7"
	4 pt. outriggers down					13,6*	13,6*	10,6*	10,6*							8,7*	8,7*	
30	Stabilizers raised					11,5	14,8*	8,0	10,6	5,7	7,7					5,2	7,1	31' 4"
	4 pt. outriggers down					14,8*	14,8*	12,9*	12,9*	9,6*	9,6*					7,9*	7,9*	
25	Stabilizers raised					11,4	15,0*	7,9	10,5	5,7	7,8					4,3	6,0	34' 6"
	4 pt. outriggers down					15,0*	15,0*	12,9*	12,9*	11,3*	11,3*					7,5*	7,5*	
20	Stabilizers raised			17,0*	17,0*	10,9	14,6	7,6	10,3	5,6	7,6	4,2	5,8			3,8	5,3	36'10"
	4 pt. outriggers down			17,0*	17,0*	15,7*	15,7*	13,2*	13,2*	11,4*	11,4*	9,0	9,8*			7,4*	7,4*	
15	Stabilizers raised	18,2*	18,2*	15,8	21,5*	10,2	13,9	7,2	9,8	5,4	7,4	4,1	5,7			3,4	4,9	38' 4"
	4 pt. outriggers down	18,2*	18,2*	21,5*	21,5*	16,7*	16,7*	13,7*	13,7*	11,3	11,5*	8,9	9,7*			7,4*	7,4*	
10	Stabilizers raised	11,1*	11,1*	13,9	19,8	9,3	12,9	6,7	9,3	5,1	7,1	3,9	5,6			3,2	4,7	39' 1"
	4 pt. outriggers down	11,1*	11,1*	23,8*	23,8*	17,6*	17,6*	14,0*	14,0*	11,0	11,6*	8,7	9,6*			7,3	7,5*	
5	Stabilizers raised	2,3*	2,3*	12,3	17,9	8,4	12,0	6,2	8,8	4,8	6,8	3,8	5,4			3,2	4,6	39' 2"
	4 pt. outriggers down	2,3*	2,3*	20,3*	20,3*	17,9*	17,9*	13,9	14,0*	10,7	11,3*	8,5	9,2*			7,1*	7,1*	
0	Stabilizers raised	3,5*	3,5*	11,3	12,1*	7,8	11,3	5,9	8,4	4,6	6,5	3,7	5,3			3,2	4,6	38' 8"
	4 pt. outriggers down	3,5*	3,5*	12,1*	12,1*	17,1*	17,1*	13,4*	13,4*	10,4	10,7*	8,3*	8,3*			6,3*	6,3*	
- 5	Stabilizers raised			11,0	12,1*	7,5	11,0	5,6	8,1	4,4	6,4	3,6	5,2			3,4	4,9	36' 8"
	4 pt. outriggers down			12,1*	12,1*	15,0*	15,0*	11,9*	11,9*	9,4*	9,4*	6,9*	6,9*			5,8*	5,8*	
-10	Stabilizers raised					7,4	10,9	5,6	8,1							4,5	6,5	29' 5"
	4 pt. outriggers down					11,8*	11,8*	9,5*	9,5*							7,5*	7,5*	

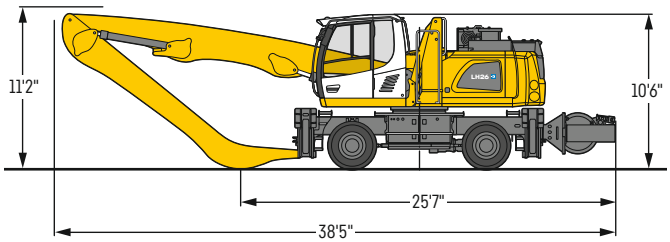
Height **Can be slewed through 360°** **In longitudinal position of undercarriage** **Max. reach** *** Limited by hydr. capacity**

The lift capacities on the stick end without attachment are stated in lb x 1,000 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.

LH 26 M – Equipment GA13



Dimensions



Operating weight

The operating weight includes the basic machine with 4 point outriggers, hydr. cab elevation, 8 solid tires plus intermediate rings, straight boom 23'4", angled stick 18'1" and multi-tine grab GMM 35-5 / 0.78 yd³ semi-closed tines.

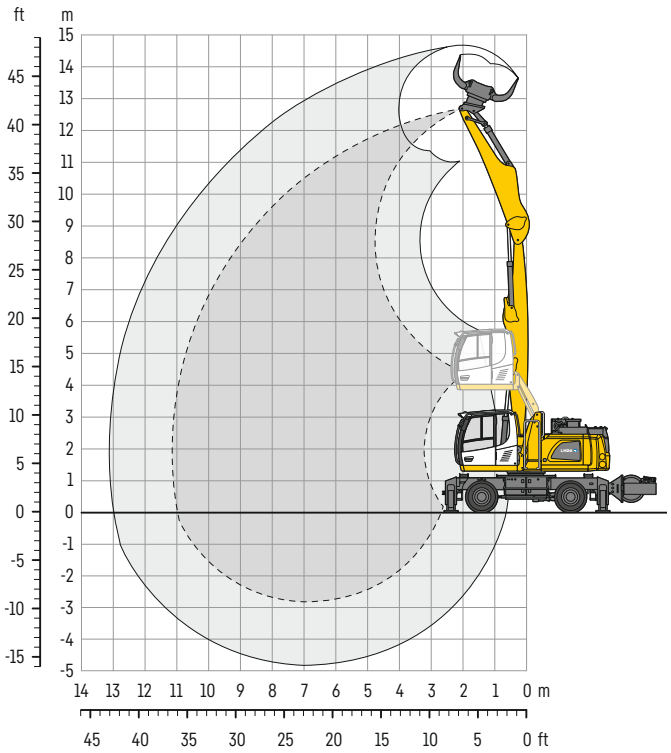
Weight	60,000 lb

ft	Undercarriage	10 ft		15 ft		20 ft		25 ft		30 ft		35 ft		40 ft				ft in
45	Stabilizers raised															13,1*	13,1*	11'11"
	4 pt. outriggers down															13,1*	13,1*	
40	Stabilizers raised					11,2	11,2*									8,9	8,9*	22'10"
	4 pt. outriggers down					11,2*	11,2*									8,9*	8,9*	
35	Stabilizers raised					11,7	13,0*	8,0	10,7							6,0	7,7*	29'
	4 pt. outriggers down					13,0*	13,0*	11,0*	11,0*							7,7*	7,7*	
30	Stabilizers raised					11,8	13,7*	8,2	10,8	5,9	7,9					4,7	6,5	33' 4"
	4 pt. outriggers down					13,7*	13,7*	12,4*	12,4*	10,3*	10,3*					7,1*	7,1*	
25	Stabilizers raised					11,7	14,4*	8,1	10,7	5,8	7,9	4,3	6,0			3,9	5,5	36' 5"
	4 pt. outriggers down					14,4*	14,4*	12,5*	12,5*	11,0*	11,0*	8,6*	8,6*			6,7*	6,7*	
20	Stabilizers raised					11,2	15,0	7,8	10,4	5,7	7,7	4,3	5,9			3,5	4,9	38' 6"
	4 pt. outriggers down					15,0*	15,0*	12,8*	12,8*	11,1*	11,1*	9,1	9,7*			6,6*	6,6*	
15	Stabilizers raised			16,4	17,7*	10,5	14,2	7,4	10,0	5,4	7,5	4,1	5,8			3,2	4,6	40'
	4 pt. outriggers down			17,7*	17,7*	16,1*	16,1*	13,3*	13,3*	11,3*	11,3*	8,9	9,7*			6,6*	6,6*	
10	Stabilizers raised	26,6	35,5*	14,5	20,4	9,5	13,2	6,8	9,4	5,1	7,1	4,0	5,6	3,1	4,5	3,0	4,3	40' 8"
	4 pt. outriggers down	35,5*	35,5*	23,0*	23,0*	17,2*	17,2*	13,8*	13,8*	11,1	11,5*	8,7	9,6*	7,1	7,7*	6,7*	6,7*	
5	Stabilizers raised	3,8*	3,8*	12,6	18,3	8,6	12,2	6,3	8,9	4,8	6,8	3,8	5,4	3,0	4,4	2,9	4,3	40'11"
	4 pt. outriggers down	3,8*	3,8*	24,4*	24,4*	17,8*	17,8*	14,0*	14,0*	10,7	11,4*	8,5	9,3*	7,0	7,2*	6,7*	6,7*	
0	Stabilizers raised	3,9*	3,9*	11,4	13,7*	7,9	11,4	5,9	8,4	4,5	6,5	3,6	5,2	3,0	4,3	2,9	4,3	40' 4"
	4 pt. outriggers down	3,9*	3,9*	13,7*	13,7*	17,4*	17,4*	13,5	13,6*	10,4	10,9*	8,4	8,7*	6,2*	6,2*	6,0*	6,0*	
- 5	Stabilizers raised	5,7*	5,7*	10,9	12,3*	7,4	10,9	5,6	8,1	4,4	6,3	3,5	5,1			3,1	4,5	38'10"
	4 pt. outriggers down	5,7*	5,7*	12,3*	12,3*	15,7*	15,7*	12,4*	12,4*	9,8*	9,8*	7,5*	7,5*			5,4*	5,4*	
-10	Stabilizers raised			10,8	13,4*	7,3	10,8	5,4	8,0	4,3	6,3					3,8	5,5	33' 4"
	4 pt. outriggers down			13,4*	13,4*	12,9*	12,9*	10,3*	10,3*	8,0*	8,0*					6,4*	6,4*	

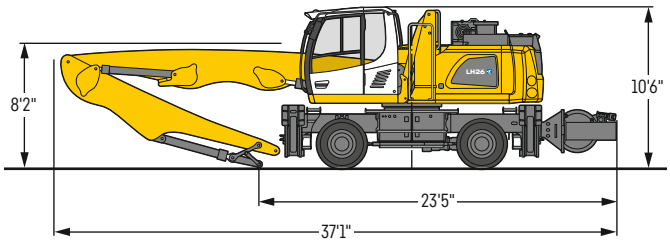
Height **Can be slewed through 360°** **In longitudinal position of undercarriage** **Max. reach** *** Limited by hydr. capacity**

The lift capacities on the stick end without attachment are stated in lb x 1,000 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.

LH 26 M – Equipment GK11



Dimensions



Operating weight

The operating weight includes the basic machine with 4 point outriggers, hydr. cab elevation, 8 solid tires plus intermediate rings, straight boom 21'8", stick with tipping kinematics 14'9" and sorting grab SG 25B / 0.72 yd³ perforated shells.

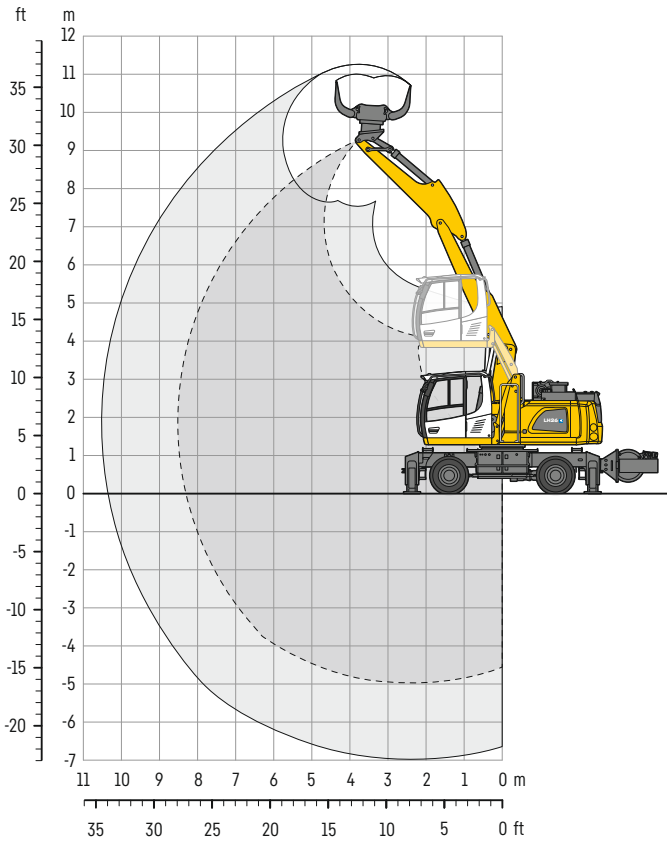
Weight	59,500 lb

ft	Undercarriage	10 ft		15 ft		20 ft		25 ft		30 ft		35 ft		40 ft				ft in
40	Stabilizers raised	18,4*	18,4*													14,9*	14,9*	13' 4"
	4 pt. outriggers down	18,4*	18,4*													14,9*	14,9*	
35	Stabilizers raised			16,5*	16,5*	10,4	13,5*									8,3	10,4*	22' 5"
	4 pt. outriggers down			16,5*	16,5*	13,5*	13,5*									10,4*	10,4*	
30	Stabilizers raised					10,7	14,4	7,2	9,8							5,7	8,0	27'10"
	4 pt. outriggers down					15,1*	15,1*	12,9*	12,9*							8,9*	8,9*	
25	Stabilizers raised					10,7	14,4	7,2	9,9	5,1	7,1					4,5	6,4	31' 5"
	4 pt. outriggers down					15,1*	15,1*	12,9*	12,9*	11,0	11,0*					8,2*	8,2*	
20	Stabilizers raised			16,5	17,4*	10,3	14,0	7,1	9,7	5,0	7,0					3,9	5,6	33'11"
	4 pt. outriggers down			17,4*	17,4*	15,6*	15,6*	13,1*	13,1*	11,0	11,2*					7,8*	7,8*	
15	Stabilizers raised	15,6*	15,6*	15,3	21,3	9,7	13,3	6,7	9,3	4,9	6,9	3,6	5,2			3,5	5,1	35' 7"
	4 pt. outriggers down	15,6*	15,6*	21,5*	21,5*	16,6*	16,6*	13,5*	13,5*	10,8	11,2*	8,3	9,1*			7,7*	7,7*	
10	Stabilizers raised	7,9*	7,9*	13,6	19,5	8,9	12,5	6,3	8,9	4,7	6,6	3,5	5,1			3,2	4,8	36' 5"
	4 pt. outriggers down	7,9*	7,9*	23,7*	23,7*	17,5*	17,5*	13,8*	13,8*	10,5	11,2*	8,2	8,8*			7,7	7,8*	
5	Stabilizers raised			12,1	17,8	8,2	11,7	5,9	8,4	4,4	6,4	3,4	5,0			3,2	4,7	36' 6"
	4 pt. outriggers down			23,3*	23,3*	17,7*	17,7*	13,6	13,7*	10,3	10,8*	8,1	8,1*			7,0*	7,0*	
0	Stabilizers raised	2,5*	2,5*	11,3	13,2*	7,6	11,1	5,6	8,1	4,3	6,2	3,4	5,0			3,2	4,8	36'
	4 pt. outriggers down	2,5*	2,5*	13,2*	13,2*	16,7*	16,7*	12,8*	12,8*	9,9*	9,9*	6,8*	6,8*			5,9*	5,9*	
-5	Stabilizers raised			11,0	13,9*	7,4	10,9	5,4	7,9	4,2	6,1					3,7	5,4	32'10"
	4 pt. outriggers down			13,9*	13,9*	14,3*	14,3*	11,0*	11,0*	8,1*	8,1*					6,3*	6,3*	

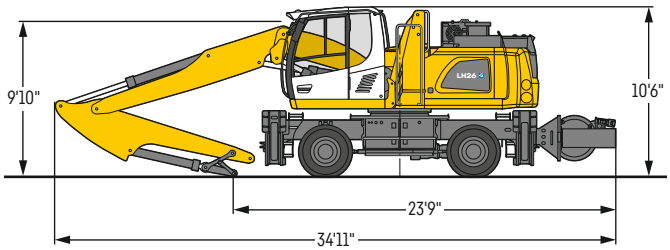
Height **Can be slewed through 360°** **In longitudinal position of undercarriage** **Max. reach** *** Limited by hydr. capacity**

The lift capacities on the stick end without attachment are stated in lb x 1,000 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.

LH 26 M – Equipment VK9



Dimensions



Operating weight

The operating weight includes the basic machine with 4 point outriggers, hydr. cab elevation, 8 solid tires plus intermediate rings, two-piece boom 17'9" (HD), stick with tipping kinematics 10' and sorting grab SG 25B / 0.72 yd³ perforated shells.

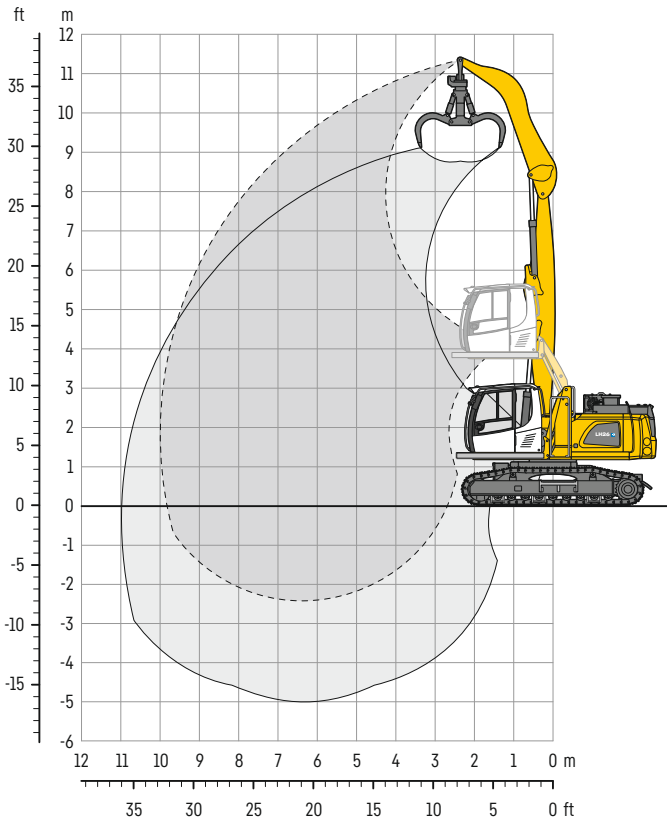
Weight	59,500 lb

ft	Undercarriage	10 ft		15 ft		20 ft		25 ft		30 ft		35 ft		40 ft				ft in
30	Stabilizers raised															8,2*	8,2*	13' 6"
	4 pt. outriggers down															8,2*	8,2*	
25	Stabilizers raised					7,1*	7,1*									6,5*	6,5*	20' 4"
	4 pt. outriggers down					7,1*	7,1*									6,5*	6,5*	
20	Stabilizers raised			11,0*	11,0*	10,7*	10,7*									5,9*	5,9*	24' 2"
	4 pt. outriggers down			11,0*	11,0*	10,7*	10,7*									5,9*	5,9*	
15	Stabilizers raised			13,6*	13,6*	10,9	12,8*	7,5	9,2*							5,8*	5,8*	26' 6"
	4 pt. outriggers down			13,6*	13,6*	12,8*	12,8*	9,2*	9,2*							5,8*	5,8*	
10	Stabilizers raised	27,8	30,3*	15,7	19,1*	10,7	13,8	7,4	9,9							5,9*	5,9*	27' 8"
	4 pt. outriggers down	30,3*	30,3*	19,1*	19,1*	14,6*	14,6*	12,0*	12,0*							5,9*	5,9*	
5	Stabilizers raised	27,2	28,7*	15,4	20,3	10,6	13,7	7,3	9,8							5,9	6,3*	27'11"
	4 pt. outriggers down	28,7*	28,7*	21,8*	21,8*	15,8*	15,8*	12,6*	12,6*							6,3*	6,3*	
0	Stabilizers raised	27,3	32,1*	15,5	20,3	10,3	13,8	7,0	9,5							6,0	7,0*	27' 2"
	4 pt. outriggers down	32,1*	32,1*	22,4*	22,4*	16,2*	16,2*	12,7*	12,7*							7,0*	7,0*	
- 5	Stabilizers raised	27,1	36,2*	15,0	20,7	9,7	13,3	6,7	9,3							6,5	8,3*	25' 6"
	4 pt. outriggers down	36,2*	36,2*	22,7*	22,7*	16,5*	16,5*	11,2*	11,2*							8,3*	8,3*	
-10	Stabilizers raised	26,6	37,4*	14,3	20,2	9,2	12,8									7,7	9,8*	22' 6"
	4 pt. outriggers down	37,4*	37,4*	23,4*	23,4*	14,7*	14,7*									9,8*	9,8*	
-15	Stabilizers raised	25,9	28,7*	13,8*	13,8*											13,5*	13,5*	15' 1"
	4 pt. outriggers down	28,7*	28,7*	13,8*	13,8*											13,5*	13,5*	

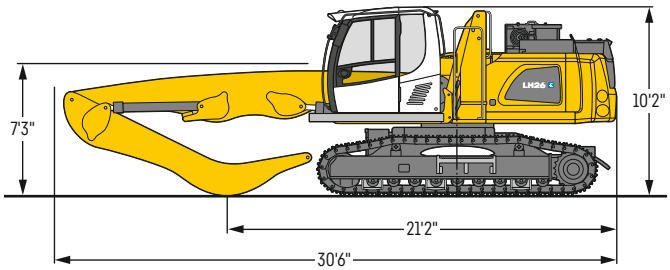
Height **Can be slewed through 360°** **In longitudinal position of undercarriage** **Max. reach** *** Limited by hydr. capacity**

The lift capacities on the stick end without attachment are stated in lb x 1,000 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. The values apply with the optimum positioning of the two-piece boom. 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.

LH 26 C – Equipment GA10



Dimensions



Operating weight and ground pressure

The operating weight includes the basic machine with hydr. cab elevation, straight boom 20', angled stick 13'1" and multi-tine grab GMM 35-5 / 0.78 yd³ semi-closed tines.

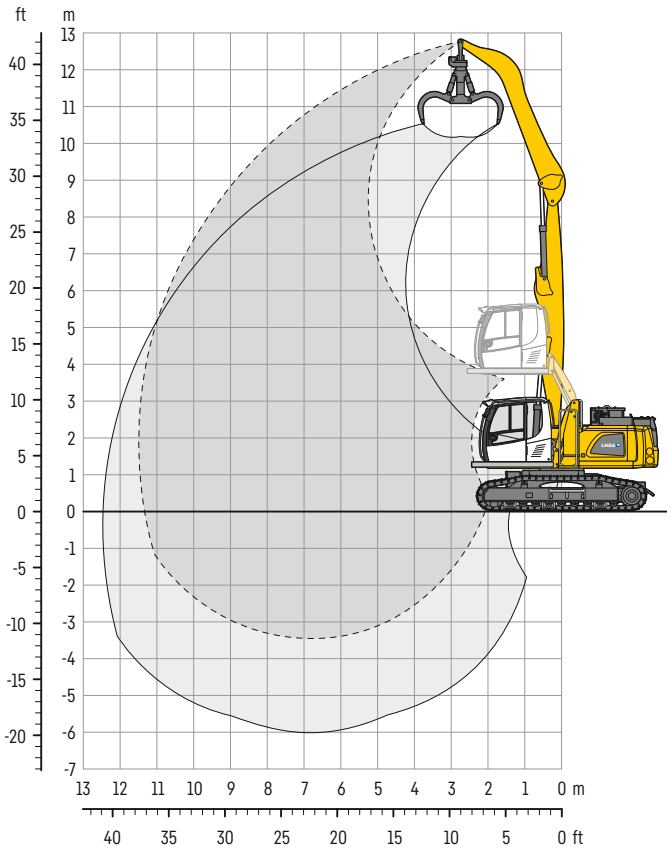
Weight	62,500 lb
Pad width	24"
Ground pressure	on request

		10 ft		15 ft		20 ft		25 ft		30 ft		35 ft		40 ft				
ft	Undercarriage																	ft in
40	LC																	
35	LC															14,1*	14,1*	14' 2"
30	LC			17,8*	17,8*	14,0*	14,0*									11,1*	11,1*	21'11"
25	LC			19,5*	19,5*	15,4	16,6*	10,9	12,9*							9,8	10,0*	26' 6"
20	LC			20,5*	20,5*	15,2	16,9*	10,8	14,4*							8,3	9,6*	29' 7"
15	LC	24,5*	24,5*	22,5*	22,5*	14,7	17,7*	10,6	14,6*	8,1	12,2*					7,5	9,5*	31' 6"
10	LC	38,5*	38,5*	21,3	24,8*	14,1	18,6*	10,3	14,8*	7,9	12,0*					7,0	9,7*	32' 6"
5	LC	5,2*	5,2*	20,0	25,7*	13,4	18,8*	9,9	14,6*	7,8	11,4*					6,9	9,4*	32'10"
0	LC	6,4*	6,4*	19,2	23,3*	13,0	17,7*	9,7	13,6*	7,6	10,2*					7,0	8,3*	32' 2"
– 5	LC			18,9	19,3*	12,8	15,1*	9,6	11,4*							7,9	8,4*	29' 2"
-10	LC																	

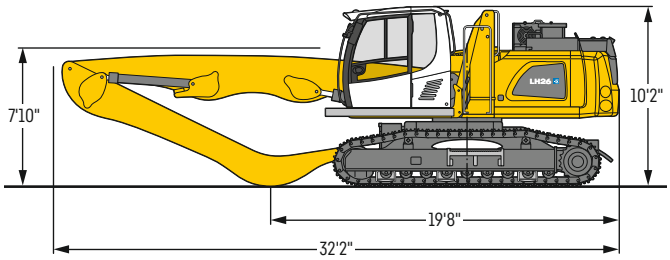
Height · Can be slewed through 360° · In longitudinal position of undercarriage · Max. reach · * Limited by hydr. capacity

The lift capacities on the stick end without attachment are stated in lb x 1,000 and can be slewed through 360° on a firm, level supporting surface. Capacities are valid for 24" 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.

LH 26 C – Equipment GA12



Dimensions



Operating weight and ground pressure

The operating weight includes the basic machine with hydr. cab elevation, straight boom 21'8", angled stick 16'5" and multi-tine grab GMM 35-5 / 0.78 yd³ semi-closed tines.

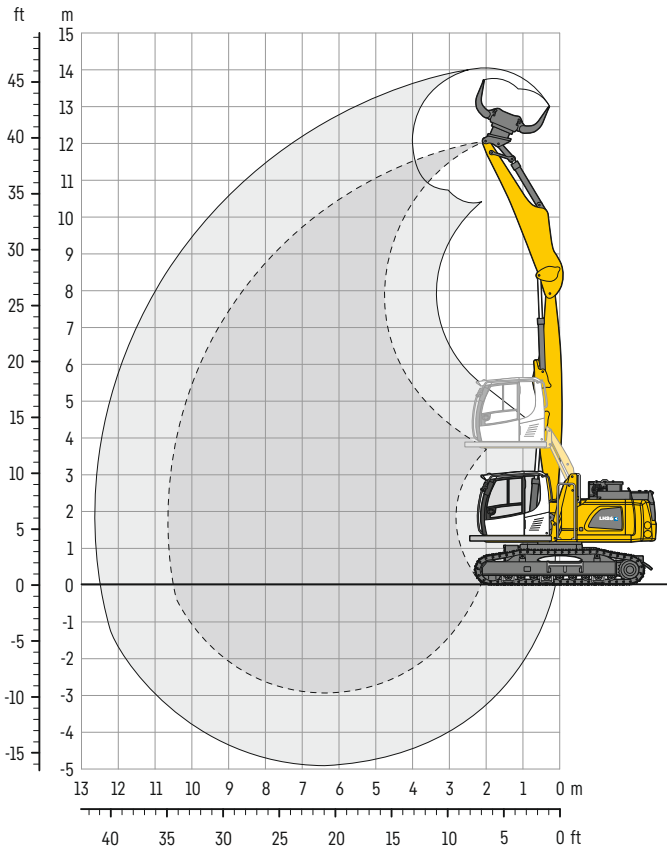
Weight	62,900 lb
Pad width	24"
Ground pressure	on request

		10 ft		15 ft		20 ft		25 ft		30 ft		35 ft		40 ft				
ft	Undercarriage																	ft in
40	LC															12,1*	12,1*	14'11"
35	LC					12,5*	12,5*									9,2*	9,2*	23' 6"
30	LC					14,4*	14,4*	11,2	12,0*							8,1*	8,1*	28' 8"
25	LC					15,0*	15,0*	11,2	13,1*	8,3	10,8*					7,3	7,6*	32' 5"
20	LC					15,5*	15,5*	11,0	13,4*	8,3	11,6*					6,4	7,4*	34'11"
15	LC			19,4*	19,4*	15,0	16,5*	10,7	13,8*	8,1	11,7*	6,3	9,6			5,9	7,3*	36' 6"
10	LC	35,5*	35,5*	21,6	23,4*	14,1	17,6*	10,2	14,2*	7,8	11,8*	6,2	9,5			5,6	7,5*	37' 5"
5	LC	5,8*	5,8*	19,8	25,0*	13,3	18,3*	9,8	14,4*	7,6	11,6*	6,1	9,3*			5,5	7,7*	37' 7"
0	LC	5,1*	5,1*	18,7	19,3*	12,6	17,9*	9,4	13,9*	7,4	11,0*	6,0	8,4*			5,5	6,9*	37' 2"
– 5	LC	7,1*	7,1*	16,1*	16,1*	12,3	16,1*	9,1	12,6*	7,2	9,7*	5,9	6,7*			5,8	6,3*	35' 6"
-10	LC					12,1	12,9*	9,1	10,1*							7,5	7,9*	29'

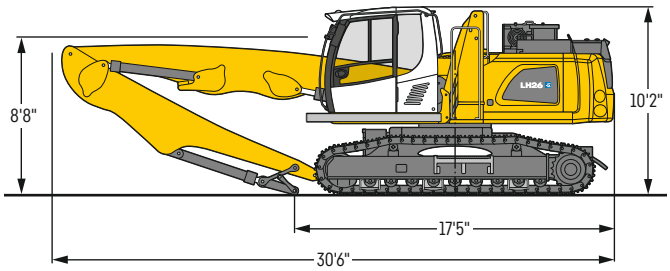
Height **Can be slewed through 360°** **In longitudinal position of undercarriage** **Max. reach** *** Limited by hydr. capacity**

The lift capacities on the stick end without attachment are stated in lb x 1,000 and can be slewed through 360° on a firm, level supporting surface. Capacities are valid for 24" 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.

LH 26 C – Equipment GK11



Dimensions



Operating weight and ground pressure

The operating weight includes the basic machine with hydr. cab elevation, straight boom 20', stick with tipping kinematics 14'9" and sorting grab SG 25B / 0.72 yd³ perforated shells.

Weight	63,000 lb
Pad width	24"
Ground pressure	on request

ft	Undercarriage	10 ft		15 ft		20 ft		25 ft		30 ft		35 ft		40 ft				ft in
40	LC																	
35	LC			15,7*	15,7*											11,5*	11,5*	**18'10"**
30	LC					14,8*	14,8*	9,4*	9,4*							9,3*	9,3*	**25' 1"**
25	LC					15,1	15,1*	10,4	13,2*							7,8	8,3*	**29' 2"**
20	LC			16,9*	16,9*	14,9	15,5*	10,3	13,2*	7,5	11,3*					6,7	7,9*	**31'11"**
15	LC			19,3*	19,3*	14,3	16,3*	10,1	13,5*	7,4	11,3*					6,0	7,7*	**33' 8"**
10	LC	35,2*	35,2*	21,1	23,1*	13,6	17,3*	9,7	13,8*	7,3	11,2*					5,7	7,7*	**34' 8"**
5	LC	4,2*	4,2*	19,4	24,6*	12,8	17,8*	9,3	13,8*	7,0	10,9*					5,6	7,6*	**34'11"**
0	LC	4,3*	4,3*	18,3	23,2*	12,2	17,2*	8,9	13,1*	6,9	9,9*					5,7	6,4*	**34' 5"**
-5	LC			17,9	19,5*	11,9	15,0*	8,7	11,3*	6,8	8,0*					6,3	6,7*	**31' 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 lb x 1,000 and can be slewed through 360° on a firm, level supporting surface. Capacities are valid for 24" 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.

Machine stabilities sorting grabs

LH 26 M – Max. material weight in lb/yd³

Grab	Shell type	Capacity	Mounting for direct mounting		Mounting for quick coupler SWA 48	
		yd³	GK11	VK9	GK11	VK9
SG 20B	perforated	0.52	5,899	3,708	4,720	2,528
SG 20B	perforated	0.65	4,551	2,865	3,540	1,854
SG 20B	perforated	0.78	3,540	2,191	2,865	1,348
SG 20B	perforated	0.92	3,034	1,686	2,360	1,180
SG 20B	closed	0.52	5,731	3,708	4,551	2,528
SG 20B	closed	0.65	4,382	2,697	3,540	1,854
SG 20B	closed	0.78	3,540	2,191	2,865	1,348
SG 20B	closed	0.92	2,865	1,686	2,360	1,011
SG 25B	perforated	0.72	3,371	1,854	2,528	1,011
SG 25B	perforated	0.98	2,191	1,180	1,686	506
SG 25B	perforated	1.18	1,686	843	1,180	337
SG 25B	perforated	1.44	1,348	506	843	–
SG 25B	ribbed	0.65	3,540	1,854	2,528	843
SG 25B	ribbed	0.85	2,528	1,180	1,686	506
SG 25B	ribbed	1.18	1,854	674	1,180	–
SG 25B	closed	0.72	3,203	1,686	2,360	843
SG 25B	closed	0.98	2,191	1,011	1,517	506
SG 25B	closed	1.18	1,686	843	1,180	–
SG 25B	closed	1.44	1,348	506	843	–

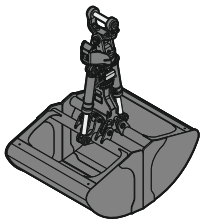
– = Load values at maximum outreach insufficient

LH 26 C – Max. material weight in lb/yd³

Grab	Shell type	Capacity	Mounting for direct mounting	Mounting for quick coupler SWA 48
		yd³	GK11	GK11
SG 20B	perforated	0.52	2,528	1,348
SG 20B	perforated	0.65	1,854	843
SG 20B	perforated	0.78	1,348	506
SG 20B	perforated	0.92	1,011	337
SG 20B	closed	0.52	2,360	1,180
SG 20B	closed	0.65	1,686	843
SG 20B	closed	0.78	1,348	506
SG 20B	closed	0.92	1,011	337
SG 25B	perforated	0.72	843	–
SG 25B	perforated	0.98	506	–
SG 25B	perforated	1.18	337	–
SG 25B	perforated	1.44	–	–
SG 25B	ribbed	0.65	843	–
SG 25B	ribbed	0.85	337	–
SG 25B	ribbed	1.18	–	–
SG 25B	closed	0.72	843	–
SG 25B	closed	0.98	337	–
SG 25B	closed	1.18	–	–
SG 25B	closed	1.44	–	–

– = Load values at maximum outreach insufficient

Attachments

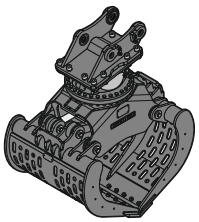


Clamshell grab

Grab model GMZ 26 (Shells for loose material)													
Shell width	ft in	3'3"	4'1"	4'11"	5'9"								
Capacity[1]	yd³	1.57	1.96	2.35	2.75								
Weight[2]	lb	2,491	2,579	2,767	3,097								
Grab model GMZ 30 (Clamshell buckets)													
Shell width	ft in	2'	2'7"	3'3"	3'11"								
Capacity[1]	yd³	0.50	0.68	0.85	1.05								
Weight[2]	lb	2,260	2,436	2,612	2,789								
Grab model GMZ 40 (Clamshell buckets)													
Shell width	ft in	2'7"	3'3"	3'11"	4'7"	5'3"							
Capacity[1]	yd³	0.85	1.11	1.37	1.57	1.83							
Weight[2]	lb	2,910	3,097	3,296	3,483	3,682							
Grab model GMZ 40 (Shells for loose material)													
Shell specification		Standard						Wide					
Shell width	ft in	3'11"	4'11"	5'9"	6'3"	7'1"	8'2"	3'11"	4'11"	5'9"	6'7"	7'5"	8'2"
Capacity[1]	yd³	2.75	3.27	3.92	4.58	5.23	5.88	1.57	1.96	2.29	2.62	2.94	3.27
Weight[2]	lb	3,781	4,101	4,365	4,530	5,104	5,445	3,340	3,616	3,847	4,079	4,464	4,696
Grab model GMZ 40 (Shells for light material)													
Shell width	ft in	8'2"											
Capacity[1]	yd³	5.88											
Weight[2]	lb	5,864											

Multi-tine grab

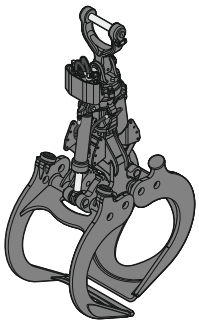
		open	semi-closed	closed, heart-shaped
Grab model GMM 35-4 (4 tines)				
Capacity	yd³	0.78	0.78	0.78
Weight[2]	lb	2,778	2,921	3,131
Grab model GMM 35-5 (5 tines)				
Capacity	yd³	0.78	0.78	0.78
Weight[2]	lb	3,197	3,340	3,439



Sorting grab

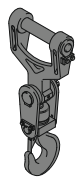
		perforated				ribbed			closed			
Grab model SG 25B[3]												
Shell width	ft in	2'7"	3'3"	3'11"	4'7"	2'7"	3'3"	3'11"	2'7"	3'3"	3'11"	4'7"
Capacity	yd³	0.72	0.98	1.18	1.44	0.65	0.85	1.05	0.72	0.98	1.18	1.44
Max. closing force	lbf	13,489	13,489	13,489	13,489	13,489	13,489	13,489	13,489	13,489	13,489	13,489
Weight incl. quick coupler mounting SWA 48	lb	2,734	2,877	3,020	3,164	2,833	3,020	3,208	2,778	2,932	3,086	3,241
Grab model SG 30B[3]												
Shell width	ft in	3'3"	3'11"	4'7"		3'3"	3'11"	4'7"	3'3"			
Capacity	yd³	1.11	1.31	1.50		0.98	1.18	1.37	1.11			
Max. closing force	lbf	17,985	17,985	17,985		17,985	17,985	17,985	17,985			
Weight incl. quick coupler mounting SWA 48	kg	3,715	3,880	4,045		3,891	4,134	4,365	3,781			

[1] capacity specifications are theoretically determined values; fill level varies depending on the material being loaded
[2] weight with HD suspension
[3] with standard bolt-on cutting edge



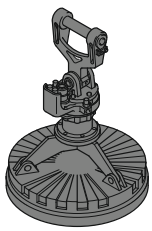
Wood grab

Grab model GM 10B (Tong round overlapping)							
Size	yd^2	0.96	1.20	1.55			
Cutting width	ft in	2'8"	2'8"	2'8"			
Height of grab, closed	ft in	7'	7'5"	7'10"			
Weight[1]	lb	2,789	2,888	3,009			
Grab model GM 10B (Tong straight design, overlapping)							
Size	yd^2	0.60	0.96	1.20	1.55		
Cutting width	ft in	2'8"	2'8"	2'8"	2'8"		
Height of grab, closed	ft in	6'10"	7'	7'3"	7'6"		
Weight[1]	lb	2,072	2,723	2,888	3,086		
Grab model GMH 40 (Tong round overlapping)							
Size	yd^2	1.20	1.55	1.79	2.03	2.27	2.51[2] 2.99[2]
Cutting width	ft in	2'7"	2'7"	2'7"	2'7"	2'7"	2'7" 2'7"
Height of grab, closed	ft in	8'5"	8'9"	9'	9'3"	9'6"	10'1" 10'7"
Weight[1]	lb	3,230	3,340	3,417	3,483	3,571	3,693 3,858
Grab model GMH 40 (Tong straight design, overlapping)							
Size	yd^2	0.96	1.20	1.55	1.79	2.03	
Cutting width	ft in	2'7"	2'7"	2'7"	2'7"	2'7"	
Height of grab, closed	ft in	8'1"	8'3"	8'8"	8'11"	9'2"	
Weight[1]	lb	3,075	3,219	3,373	3,472	3,527	
Grab model GMH 40 (Tong combi-shaped, overlapping)							
Size	yd^2	1.79	2.03				
Cutting width	ft in	2'7"	2'7"				
Height of grab, closed	ft in	9'4"	9'7"				
Weight[1]	lb	3,428	3,516				
Grab model GMH 40 (Tong heart-shaped, tip-to-tip closing, straight design)							
Size	yd^2	1.55	1.91[3]	1.91[3]	1.91	2.27[3]	2.27
Cutting width	ft in	2'6"	2'6"	2'10"	2'10"	2'10"	2'10"
Height of grab, closed	ft in	9'7"	9'11"	9'11"	9'11"	10'4"	10'4"
Weight[1]	lb	3,549	3,847	3,935	3,792	4,233	3,979



Load hook

Max. load	lb	27,560
Height with suspension	ft in	3'1"
Weight	lb	300



Magnet devices / lifting magnets

Generator	kW	10	10
Electromagnet with suspension			
Power	kW	5.5	8.8
Diameter of magnet	ft in	3'9"	4'1"
Weight	lb	2,480[4]	3,120[4]

[1] weight with HD suspension
[2] only for short timber up to max. 9'10"
[3] closed back sheet
[4] only magnet plate

Equipment

Undercarriage	26 M	26 C
Track pads, variants		+
Individual levelling outriggers		
Individual control outriggers	+	
Shuttle axle lock, automatic	●	
Outrigger monitoring system	+	
Tires, variants	+	
Trailing cable	●	●
Protection for piston rods, outriggers	+	
Two storage compartments	●	
Cable reel system	+	+

Uppercarriage	26 M	26 C
Generator	+	+
Main battery switch for electrical system	●	●
Mobility Kit	+	+
Recycling package	●	●
Amber beacon, at uppercarriage, LED double flash	+	+
Headlight on uppercarriage, right, LED, 1 piece	●	●
Headlights on uppercarriage, rear, LED, 2 pieces	+	+
Protection for headlights	+	+
Protection for rear lights	+	+
Tool equipment, extended	+	+

Hydraulic system	26 M	26 C
Electronic pump regulation	●	●
Liebherr hydraulic oil from –4 °F to +104 °F	●	●
Liebherr hydraulic oil, biologically degradable	+	+
Magnetic rod in hydraulic tank	●	●
Bypass filter	+	+
Preheating hydraulic oil	+	+

Electric motor	26 M	26 C
Automatic engine shut-down (time adjustable)	+	+
Preheating coolant*	+	+

Cooling system	26 M	26 C
Radiator, large-mesh, for dust-intensive operation	●	●
Reversible fan drive	●	●
Protective grid (close-mesh) in front of cooler intake, extendible	●	●

Cab

	26 M	26 C
Stabilizer, control lever, left console	+	
Stabilizer, proportional control on left joystick	●	
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. 7.5 mph)	●	
Joystick and wheel steering (slim version)	+	
Cab elevation, hydraulic (LHC)	●	●
Cab elevation, hydraulic with tilt function (LHC)	+	+
Cab elevation, rigid (LFC)	+	+
Wheel steering (slim version)	+	
Engine shut-down (emergency stop) cab	●	●
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 windshield	●	●
Headlights on cab, front, halogen, 2 pieces	+	+
Headlights on cab, front, halogen, 2 pieces (under rain shield)	●	●
Headlights on cab, front, LED, 2 pieces	+	+
Headlights on cab, front, LED, 2 pieces (under rain shield)	+	+
FOPS top guard	+	+
FGPS front guard, tiltable	+	+
Sun visor	+	+
Stationary air-conditioning	●	●
Left control console, folding	●	●

Equipment

	26 M	26 C
Filter system for attachment	+	+
Height limitation and stick shutoff, electronically	+	+
Boom cylinder cushioning	+	+
Stick camera (with separate monitor), bottom side, with protection	+	+
Load holding valve tipping cylinder	+	+
Liebherr multi coupling system	+	+
Liebherr quick coupler, hydraulic	+	+
Pipe fracture safety valves hoist cylinders	●	●
Pipe fracture safety valves stick cylinders	●	●
Headlights on boom, halogen, 2 pieces	●	●
Headlights on boom, LED, 2 pieces	+	+
Headlights on stick, halogen, 2 pieces	●	●
Headlights on stick, LED, 2 pieces	+	+
Quick coupling system Solidlink	+	+
Quick coupling system MH 40B	+	+
Protection for piston rod, tipping cylinder	+	+
Protection for piston rods, hoist cylinder	+	+
Protection for piston rods, stick cylinder	+	+
Overload warning device	●	●

Complete machine

	26 M	26 C
Liebherr Connect		
MyLiebherr Maintenance	+	+
MyLiebherr Performance	+	+
MyLiebherr Portal[1]	●	●
Packages		
Recycling package	●	●
Lubrication		
Lubrication undercarriage, manually – decentralized (grease points)	●	
Lubrication undercarriage, manually – centralized (one grease point)	+	
Central lubrication system for uppercarriage and equipment, automatically	●	●
Central lubrication system for undercarriage, automatically	+	
Centralized lubrication extended for attachment	+	+
Special coating		
Special coating, variants	+	+
Monitoring		
Rear view monitoring with camera	●	●
Side view monitoring with camera	●	●

● = Standard, + = Option

* = country-dependent, [1] free activation required

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 75 years of success
Liebherr was founded in 1949. With the development of the world's first mobile tower crane, Hans Liebherr laid the foundations of a successful family-run company which today comprises more than 150 companies on all continents with over 50,000 employees. The holding company of the Group is Liebherr-International AG in Bulle (Switzerland), whose shareholders are exclusively members of the Liebherr family.

Technology leadership and pioneering spirit
Liebherr regards itself as a pioneer. This spirit has enabled the company to make a decisive contribution to the technological history of many industries. Today, employees around the world still share the courage of the company founder to take new paths. They are all united by a passion for technology and fascinating products and the determination to perform outstanding work for their customers.

Widely diversified product program
Not only is Liebherr one of the biggest construction machine manufacturers in the world, it also provides high-quality, user-oriented products and services in a wide range of other areas. The product range includes the segments earthmoving, material handling, deep foundation, mining, mobile and crawler cranes, tower cranes, concrete technology, maritime cranes, aerospace and transportation systems, gear technology and automation systems, refrigerators and freezers, components and hotels.

Customized solutions and maximum customer value
Liebherr solutions are characterized by maximum precision, outstanding implementation and exceptional longevity. Its mastery of key technologies enables the company to offer its customers customized solutions. For Liebherr, customer focus does not end with the product; it also encompasses a wide range of services that make a real difference.

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