
A 924 Litronic

LIEBHERR

Wheeled excavator



Generation
6

Operating weight
47,400–58,400 lb

Engine
188 HP (I) / 140 kW
Stage V
Tier 4 Final

Bucket capacity
0.72–2.16 yd³

Performance

Durably stable power,
strength and precision

Economy

A sound investment – optimum economy
and environmentally friendly

Reliability

Competence, consistency,
innovation – proven experience

Comfort

Ergonomic excellence – superior cabin
design for operator comfort and wellbeing

Maintainability

Service every step of the way –
simple, fast and reliable





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Performance



Durably stable power, strength and precision

Liebherr wheeled excavators are used on building sites all over the world, where they embody force and speed. Using Liebherr excavators, machine operators achieve impressive levels of performance, day-in and day-out. Whether in classic earthmoving, in roadway construction or for digging trenches and laying pipes, more can be achieved faster with Liebherr wheeled excavators.

Maximum performance

Being more efficient

The A 924 Litronic combines power and dynamic properties. This makes it possible to complete heavy-duty earthmoving jobs faster, so that new tasks can be started sooner. As a result, this wheeled excavator is the efficient solution for use on all construction sites which require a high digging performance and mobile flexibility.

Heavy-duty equipment

Liebherr has designed heavy-duty equipment for applications where wear is especially high, for instance when permanently working on supports, frequent turnover of high loads, demolition work or working with a long stick. The reinforced box construction forms the basis for a long service life of the equipment.

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.



Travel drive

- High traction for fast acceleration and powerful engine permit top speed on hills
- Reduces unproductive travel time between jobs on a construction site
- Faster on site – More productive



Digging force

- High digging and breakout force
- Continuously high digging performance even in tough ground
- More digging force for faster results

Precise work

Working with precision

The Liebherr joysticks enable the operator to intuitively and sensitively control the Liebherr hydraulic system to complete even the most challenging tasks quickly. Liebherr has been using an infinitely variable proportional controller with four axes for many years. The slim, ergonomically designed proportional sensors deliver additional functionality to the classic machine controller without having to reach for additional controls. Typical functions include high and medium pressure movements for tools as well as lowering the machine outrigger. Buttons on the joysticks, which the operator can configure, deliver additional convenience and functions.

Automatic digging brake

The automatic digging brake ensures that a manual actuation of the brake pedal is no longer required, thus leading to easier operation of the machine. If the machine is at a standstill, the digging brake is automatically applied. Furthermore, the automatic digging brake can be linked with the automatic swing axle lock.



Joystick steering

- The optional joystick steering function enables the operator to steer the wheeled excavator using the mini-joystick
- Working and travelling movements can be executed simultaneously without having to move hands
- More efficient operation for greater productivity

Economy



A sound investment – optimum economy and environmentally friendly

Liebherr wheeled excavators are machines that combine high productivity with excellent levels of economy – and all this comes as standard from the factory. On request, the efficiency of each wheeled excavator can be boosted further with a Liebherr productive bucket, a fuel-saving Liebherr hydraulic oil or a Liebherr quick coupling system, all of which provide more return from each operating hour.

Maximum efficiency

Fuel efficiency

The Liebherr D934 diesel engine minimizes environmental impact with low fuel consumption and reduced emissions. To achieve emissions standard stage V / Tier 4 Final, Liebherr employs an innovative SCR system (selective catalytic reduction). The system was developed in-house and effectively reduces exhaust emissions without any compromise in performance.

Liebherr working tools and Solidlink

To boost the productivity of its construction machines, Liebherr offers a broad range of working tools for different fields of application. Furthermore, the hydraulic excavators can also be equipped with the Liebherr Solidlink hydraulic quick coupling system. The combination of a hydraulic Liebherr quick coupling system with the Solidlink coupling block permits fast safe changing of mechanical and hydraulic working tools from the operator's cabin. This boosts productivity on average by 30%. The construction process is accelerated, and orders are completed faster. That enables more turnover to be achieved per machine.

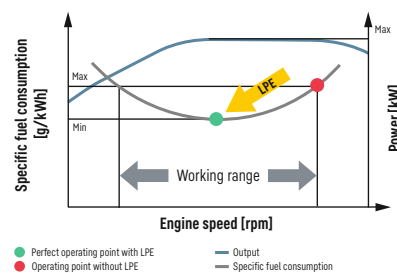
Increased productivity

Efficient management

LiDAT, Liebherr's own data transmission and positioning system, facilitates efficient management, monitoring and control of the entire fleet in terms of machinery data recording, data analysis, fleet management and service. All of the important machinery data can be viewed at any time on a web browser. LiDAT provides 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. This service includes 1 year of use free of charge as standard for the wheeled excavator A 924.



Liebherr Power Efficiency (LPE) System



Low: Emissions and operating costs

- Innovative SCR system for compliance with emissions standard stage V / Tier 4 Final
- Lower emissions – Lower operating costs – Economic environmental protection

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

High resale value

- High quality materials and quality workmanship ensure lengthy operation whilst retaining the highest possible value

Reliability



Competence, consistency, innovation – proven experience

Reliability offers safety. Safety that significantly influences the success of a project. Whatever the circumstances, Liebherr stands for safety – with reliable construction machines and customer-oriented sales and service partners. This means a Liebherr construction machine is exactly what it should be: an investment that pays off.

High machine availability

Quality and competence

Our product experience, our understanding of technical design and feedback from customers, along with sales and service, form the basis for the use of pioneering ideas and have always been an integral part of our recipe for success. In addition, Liebherr has been delivering great production depth and system solutions for decades. Key components such as the diesel engine, electronic components, slewing ring, slewing drive and hydraulic cylinders are developed and manufactured in-house. Our great production depth guarantees the highest quality possible and allows the components to be coordinated perfectly.

Robust construction

All the steel components are designed and manufactured by Liebherr. High strength steel sheets designed to withstand the harshest requirements guarantee high torsion resistance and excellent absorption of forces to ensure a long service life.

Greater safety

Safety

Besides the performance and efficiency of a wheeled excavator, the safety of the operator and the machine must always be paramount. Numerous equipment features such as the standard pipe break protection on the lifting and stick cylinders, electronic height limitation, overload warning system, impact-resistant laminated safety glass, rollover protection system (ROPS) and an emergency exit through the rear window provide maximum safety in all operations.

Maximum stability

A robust undercarriage with securely welded outriggers deliver safe footing, maximum stability and a long service life. The stabilizer blade as well as the outriggers have been designed for the toughest scenarios, allowing the machine to reliably carry out its work at full load.

Pipe fracture safety valves

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



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 and maintain uniform high quality



All-round visibility

- Skyview 360° camera system for easy monitoring of the danger zones around the machine
- High working speed thanks to improved all-round visibility
- Less down time due to lower accident and damage risk
- Increased safety and flexibility in restricted spaces



Bright and durable

- The LED rear lights fitted as standard not only look good, they also have a high brightness level and an extremely long service life
- The LED front outline marker fitted as standard make it easier to see the machine on the road, and thus provides greater safety

Comfort



Ergonomic excellence – superior cabin design for operator comfort and wellbeing

The modern Liebherr operator's cab offers the best conditions for healthy, focussed and productive working. Standard features include an air-sprung operator seat with seat heating, automatic air conditioning and the ergonomically arranged control elements with touch screen indicating unit. An example of the extensive safety equipment is the roll-over protection system (ROPS) for the cab fitted as standard according to ISO 12117-2.

First-class cab

Automatic air conditioning

Liebherr fits the A 924 with a standard automatic air conditioning system to ensure operator comfort. The temperature, fan setting and the various air vents at head, chest and foot levels can be adjusted through the intuitive operation of the touchscreen. The defrost / defog one-button function clears fogged up windows in the shortest possible time. The filter for the cab air can be changed easily and conveniently from outside.

Operator seats

The Standard, Comfort and Premium operator's seat versions deliver maximum comfort. Even the Standard operator's seat has been manufactured with high-quality materials and has an extensive selection of standard equipment including pneumatic suspension, seat heating, headrest, lumbar support and much more. A luxury which we believe every construction machine should provide.

Smooth operation

The use of visco-elastic mounts, good noise insulation and modern, smooth Liebherr diesel engines minimise noise emissions and vibrations. The noise levels are just 72 dB(A) in the operator's cab and 103 dB(A) outside.

Comfortable operation

Radio with hands-free device

The optional Liebherr radio is MP3-compatible, has a USB connection, can receive digital radio (DAB+ depending on country) and can be used as interface for the integral hands-free kit. If a smartphone is connected using Bluetooth, phone calls can also be controlled via the touchscreen. This means that all media are controlled using a central unit which provides greater clarity, simplicity and comfort.

Control unit

The large touchscreen provides the operator with a fast, uncomplicated interface which delivers all the information required for working with the machine. A flat, intuitive menu system ensures that it can be readily understood so that the control unit can be used in a highly productive way.

Pleasant climate

The use of an efficient auxiliary heater significantly enhances cab comfort, productive work time and safety. The upstream warm-up phase also protects the engine components and reduces wear.



Refuelling

- Using the optional refuelling pump, the machine can be refuelled directly from a fuel container
- Remote cable operation and automatic shut off when the tank is full, for greater convenience and shorter refuelling times
- Topping up – simple, quick and safe



Sliding two-piece windscreen

- Unrestricted view of the working area by sliding in the windscreen
- Simple mechanism for rapid and intuitive opening
- Windscreen can be split in two



Intuitive operation

- Display of the machine data and camera image on the 9-inch indicating unit with touchscreen and direct access via menu bar
- 20 user-programmable memory slots for working tools, which can be used for quickly and easily setting the oil pressure and oil flow at the push of a button when changing tools
- Quick access keys can be programmed by the machine operator for frequently used menu items

Maintainability



Exceptional service and a reliable partnership

Liebherr wheeled excavators are not only powerful, robust, precise and efficient, they also impress with the service-orientated machine design. Maintenance is performed quickly, simply and safely. This reduces maintenance costs and keeps machine downtimes to a minimum.

Simplified maintenance concept

Hydraulic oils with added value

Liebherr hydraulic oils achieve a service life of 6,000 operating hours plus. Instead of having defined change intervals, the results of the oil analysis (every 1,000 operating hours or after one year) determine when the oil needs to be changed. The unique Liebherr Hydraulic Plus oil can even achieve a service life of 8,000 operating hours plus at the same time reducing fuel consumption by up to 5%.

Retrofitting with new technologies

New emission standards, amended safety regulations or different areas of deployment – the demands on your machine can change as years go by. Protective grilles, additional filter systems and options for hydraulics are just a small selection from the Liebherr retrofit program with which we offer you an effective way to modify or retrofit your machine.

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 including replacement components and general overhaul or repair. The customer receives components with original part quality at a reduced cost.

Competent advice and service

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



Lubricating during work

- Fully automatic central lubrication system for the attachment and swing ring
- Can be optionally expanded to the connecting link and quick coupler
- Lubricating without interrupting work for higher productivity



Optimum service access

- Large, wide-opening and automatically locking service doors
- Engine oil, fuel, air and cab air filter can be reached conveniently and safely from ground level
- The oil level in the hydraulic tank can be checked from the cab
- Short service times for greater productivity



Rapid spare parts service

- 24-hour delivery: Spare parts service is available for our dealers around the clock
- Electronic spare parts catalogue: Fast and reliable selection and ordering via the Liebherr online portal
- With online tracking, the current processing status of your order can be viewed at any time

Wheeled excavator A 924 Litronic overview

Superbly designed attachment for maximum reliability

- Liebherr hydraulic cylinders
- Wide selection of Liebherr working tools (optional)
- Liebherr quick coupling systems (optional)
- Pipe fracture safety valves for hoisting and stick cylinders
- Overload warning device
- Load holding valve on stabilization cylinder
- Mono boom, HD version (optional)

Elaborate maintenance concept for maximum productivity

- Fully automatic central lubrication system for uppercarriage and attachment
- Large, wide-opening service doors
- Central maintenance points accessible from the ground
- Hydraulic shut-off cock
- Liebherr hydraulic oil biologically degradable (optional)
- Cab air filter can be replaced quickly and conveniently from outside
- Storage compartment left - lockable
- Extended tool equipment (optional)





Ergonomic operator's work station for maximum comfort

- Operator's seat Comfort/Premium (optional)
- Automatic air-conditioning system
- 9" color touchscreen display
- Direct access keys
- Adjustable armrests
- Resonant, ergonomic joysticks
- Joystick steering
- Proportional control with mini-joystick
- Tool Control for working tools
- Large windows
- Easy radio control
- Front guard, adjustable (optional)
- Cab windows made from smash-resistant laminated safety glass (optional)
- LED lights (optional)
- Rear and side camera monitoring
- Skyview 360° (optional)

Clever technology for maximum performance and economy

- Liebherr diesel engine compliant with stage V / Tier 4 Final
- Full power at just 1,700 rpm
- Emissions treatment with Liebherr-SCR technology
- Load-sensing-control
- Liebherr-Power Efficiency (LPE)
- MODE selection (Sensitive, ECO, Power, Power-Plus)
- Sensor-controlled automatic idling system
- Close-mesh protective grid in front of cooler intake
- Closed hydraulic circuit for the swing mechanism

Technical data



Diesel engine

Rating	
per SAE J1349	188 HP (140 kW) at 1,700 rpm
per ISO 9249	190 HP (140 kW) at 1,700 rpm
Model	Liebherr D934
Type	4 cylinder in-line
Bore / Stroke	4.8 / 5.9 in
Displacement	427.1 in³
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	24 V
Batteries	2 x 135 Ah / 12 V
Alternator	Three-phase current 28 V / 140 A
Stage V	
Harmful emissions values	According to regulation (EU) 2016/1628
Emission control	Liebherr-SCRFilter technology
Fuel tank	87 gal
Urea tank	12 gal
Tier 4 Final	
Harmful emissions values	In accordance with 40CFR1039 (EPA) / 13CCR (CARB)
Emission control	Liebherr-SCR technology
Fuel tank	87 gal
Urea tank	12 gal



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 in single block with integrated safety valves
Servo circuit	
Equipment and swing	With hydraulic pilot control and proportional joystick levers
Chassis	Electro-proportional via foot pedal
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 61 gpm
Max. pressure	5,076 psi
For swing drive	Reversible axial piston variable displacement pump, closed-loop circuit
Max. flow	37 gpm
Max. pressure	6,092 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	46 gal
Hydraulic system	max. 114 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 digging performance 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	0-10.0 rpm stepless
Swing torque	56,055 lbf ft
Holding brake	Wet multi-disc (spring applied, pressure released)
Option	Pedal controlled positioning swing brake Slewing gear brake Comfort



Cab

Cab	ROPS safety cab structure (roll-over protection system) 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 window shades for the sunroof window and windscreen
Operator's seat Standard	Air cushioned operator's seat with 3D-adjustable arm-rests, headrest, lap belt, seat heater, manual weight adjustment, adjustable seat cushion inclination and length and mechanical lumbar vertebrae support
Operator's seat Comfort (Option)	In addition to operator's seat standard: 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, 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



Undercarriage

Drive	Oversized two speed power shift transmission with additional creeper speed, Liebherr axial piston motor with functional brake valve on both sides
Pulling force	29,000 lbf
Travel speed	0- 2.2 mph stepless (creeper speed off-road) 0- 4.3 mph stepless (off-road) 0- 8.1 mph stepless (creeper speed on-road) 0-12.4 mph stepless (road travel) 0-max. 15.5 mph Speeder (option)
Driving operation	Automotive driving using accelerator pedal, cruise control function: storage of variable accelerator pedal positions, both off-road and on-road
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
Automatic digging brake	Works automatically when driving off (accelerator pedal actuation) and when the machine is stationary (engagement); the digging brake engages automatically - can be coupled with automatic swing axle lock
Holding brake	Wet multi-disc (spring applied, pressure released)
Stabilization	Rear stabilizer blade (adjustable during travel for dozing) Rear stabilizer blade + front outriggers Rear outriggers + front stabilizer blade Rear + front outriggers
Option	EW undercarriage 9'



Equipment

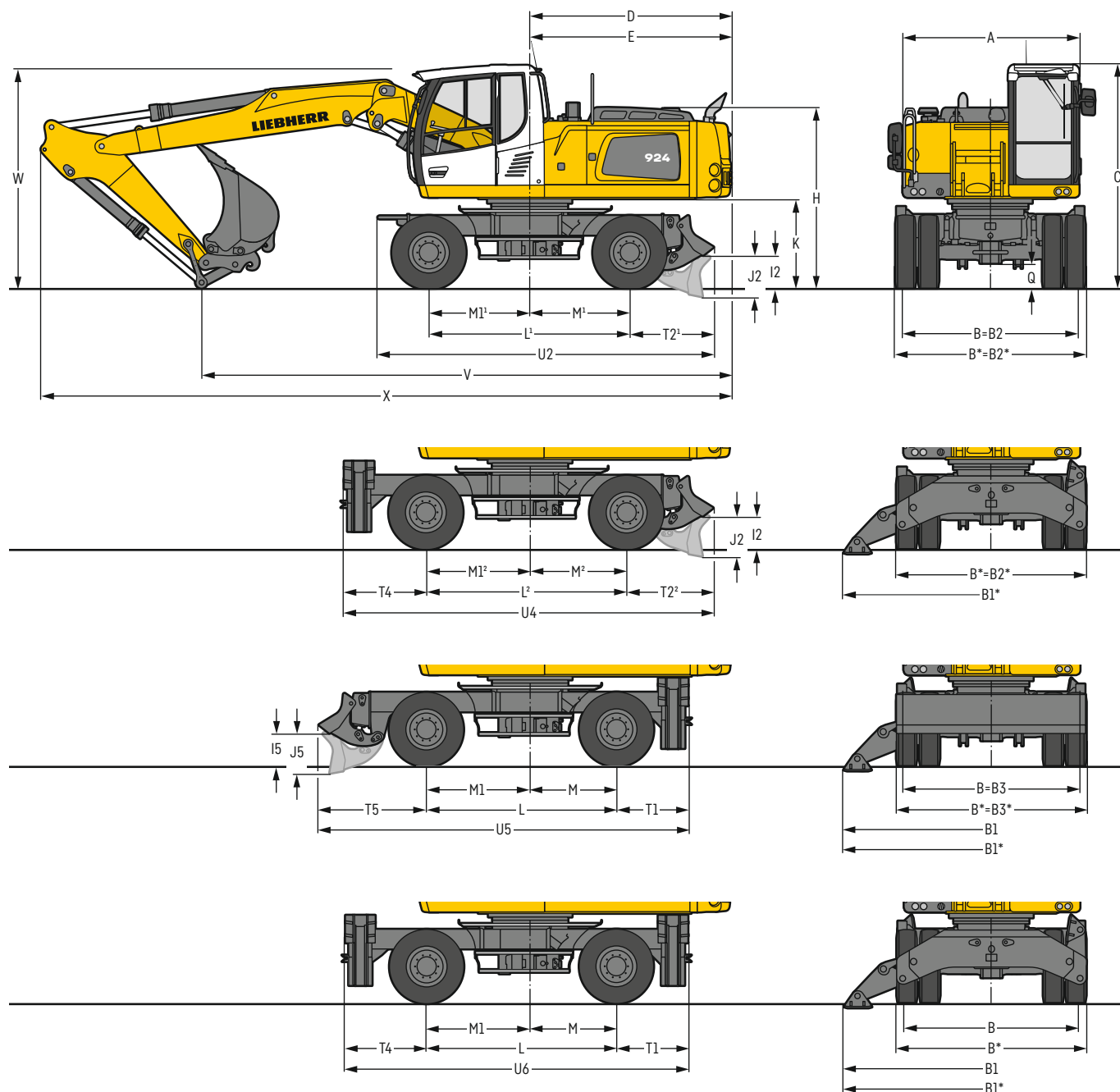
Type	High-strength steel plates at highly-stressed points for the toughest requirements. Complex and stable mountings of equipment and cylinders
Hydraulic cylinders	Liebherr cylinders with special sealing and guide system and, depending on cylinder type, shock absorption
Bearings	Sealed, low maintenance



Complete machine

Lubrication	Liebherr central lubrication system for uppercarriage and equipment, automatically
Noise emission	
ISO 6396	72 dB(A) = L _{PA} (inside cab)
2000/14/EC	103 dB(A) = L _{WA} (surround noise)

Dimensions



	ft in
A	8' 3"
B	8' 4"
B*	9'
B1	13' 2"
B1*	14'
B2	8' 4"
B2*	9'
B3	8' 4"
B3*	9'
C	10' 7"
D	9' 6"
E	9' 6"
H	8' 7"
I2	1' 6"
I5	1' 6"
J2	1'11"
J5	1'11"
K	4' 2"
L	9'
L¹⁾	9' 6"
L²⁾	9' 6"
M	4' 1"
M¹⁾	4' 9"
M²⁾	4' 7"
M1	4'11"
M1¹⁾	4' 9"
M1²⁾	4'11"
Q	1' 2"
T1	3' 5"
T2¹⁾	4'
T2²⁾	4' 2"
T4	3'11"
T5	5' 1"
U2	15'11"
U4	17' 7"
U5	17' 7"
U6	16' 4"

* EW undercarriage / Tires 11.00-20

¹⁾ Undercarriage version stabilizer blade rear

²⁾ Undercarriage version stabilizer blade rear + front outriggers

E = Tail radius

Tires 10.00-20

	Stick	Two-piece boom 19'			
		Rear blade	Rear blade + front outriggers	Rear outriggers + front blade	Rear + front outriggers
	ft in	ft in	ft in	ft in	ft in
V	7'5"	25'1"	25'1"	25'1"	25'1"
	8'	24'1"	24'1"	24'1"	24'1"
	8'8"	23'	23'	23'	23'
	10'	22'	22'	22'	22'
W	7'5"	10'4"	10'4"	10'4"	10'4"
	8'	10'4"	10'4"	10'4"	10'4"
	8'8"	10'4"	10'4"	10'4"	10'4"
	10'	10'6"	10'6"	10'6"	10'6"
X	7'5"	32'8"	32'8"	32'8"	32'8"
	8'	32'8"	32'8"	32'8"	32'8"
	8'8"	32'8"	32'8"	32'8"	32'8"
	10'	32'8"	32'8"	32'8"	32'8"

	Stick	Mono boom 18'6"			
		Rear blade	Rear blade + front outriggers	Rear outriggers + front blade	Rear + front outriggers
	ft in	ft in	ft in	ft in	ft in
V	7'5"	21' 4"	21' 4"	21' 4"	21' 4"
	8'	20'10"	20'10"	20'10"	20'10"
	8'8"	20' 4"	20' 4""	20'10""	20' 4""
	10'	20' 8"	22' 4"" ^{1) 2)}	22'10"" ^{** 1) 2)}	22' 4"" ^{** 1) 2)}
W	7'5"	10' 8"	10' 8"	10' 8"	10' 8"
	8'	10'10"	10'10"	10'10"	10'10"
	8'8"	10'10"	11'*	11'*	11'*
	10'	11' 2"	11' 2"" ^{* 1)}	11' 2"" ^{* 1)}	11' 2"
X	7'5"	31' 6"	31' 6"	31' 6"	31' 6"
	8'	31' 6"	31' 6"	31' 6"	31' 6"
	8'8"	31' 8"	31' 8""	32' 2""	31' 8""
	10'	31' 8"	31' 8"" ^{* 1)}	32' 2"" ^{* 1)}	31' 8"" ^{* 1)}

Dimensions are with equipment over steering axle

* Equipment over digging axle for shorter transport dimensions

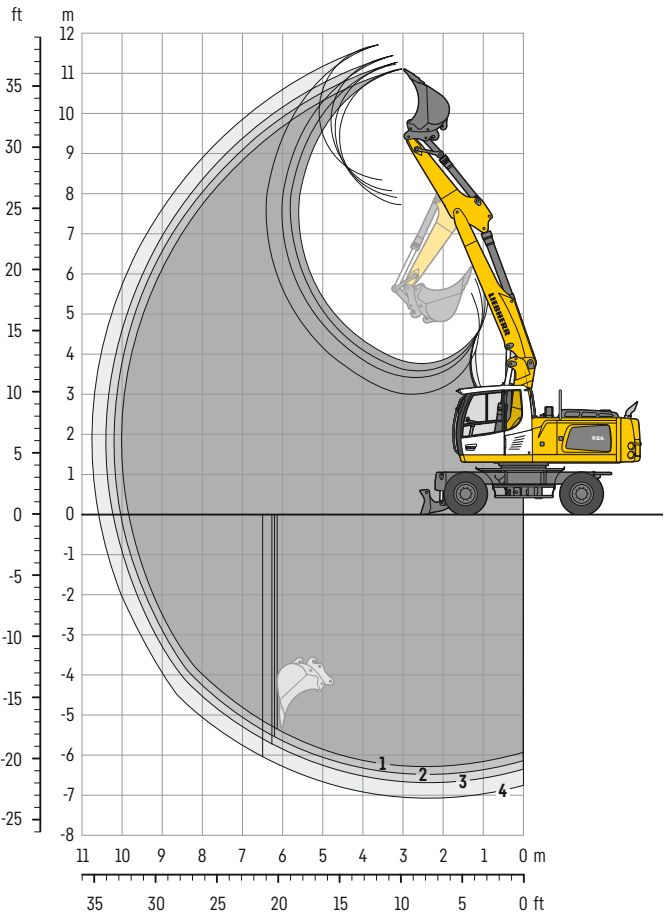
¹⁾ without quick coupler

²⁾ tipping cylinder retracted

W = Max. ground clearance including approx. 6" piping

Backhoe bucket

with two-piece boom 19' (heavy counterweight)



Digging envelope

with quick coupler		1	2	3	4
Stick length	ft in	7'5"	8'	8'8"	10'
Max. digging depth	ft in	20'8"	21' 4"	22'	23'2"
Max. reach at ground level	ft in	32'4"	33'	33'8"	34'9"
Max. dumping height	ft in	25'5"	25'11"	26'5"	27'5"
Max. teeth height	ft in	36'5"	36'11"	37'7"	38'5"
Min. equipment radius	ft in	10'8"	10' 4"	10'2"	10'4"

Digging forces

without quick coupler		1	2	3	4
Max. digging force (ISO 6015)	lbf	28,528	26,797	25,269	22,728
	lb	28,400	26,900	25,400	22,700
Max. breakout force (ISO 6015)	lbf	31,608	31,608	31,608	31,608
	lb	31,500	31,500	31,500	31,500

Max. breakout force with ripper bucket 41,815 lbf (41,900 lb)

Operating weight

The operating weight includes the basic machine with 8 tires plus intermediate rings, two-piece boom 19', stick 8', quick coupler SWA 48 and bucket 4'1" / 1.50 yd³.

Undercarriage versions	Weight (lb)
A 924 Litronic with rear blade	52,500
A 924 Litronic with rear blade + front outriggers	56,700
A 924 Litronic with rear outriggers + front blade	56,200
A 924 Litronic with rear + front outriggers	56,900
A 924 EW Litronic with rear blade	52,700
A 924 EW Litronic with rear blade + front outriggers	57,500
A 924 EW Litronic with rear outriggers + front blade	57,100
A 924 EW Litronic with rear + front outriggers	58,000

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

Cutting width ft in	Capacity ISO 7451 ¹⁾ yd ³	Weight lb	Stabilizers raised				Rear blade down				Rear blade + front outriggers down				Rear outriggers + front blade down				Rear + front outriggers down			
			Stick length (ft in)				Stick length (ft in)				Stick length (ft in)				Stick length (ft in)				Stick length (ft in)			
			7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'
2' 9" ²⁾	0.98	1,433	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3' 5" ²⁾	1.24	1,587	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 1" ²⁾	1.50	1,786	■	■	■	△	■	■	■	△	■	■	■	■	■	■	■	■	■	■	■	■
4' 7" ²⁾	1.77	1,940	△	△	△	-	△	△	△	-	■	■	■	■	■	■	■	■	■	■	■	■
4' 11" ²⁾	1.90	1,962	△	-	△	-	△	△	△	-	■	■	■	■	■	■	■	■	■	■	■	■
2' 9" ³⁾	0.98	1,521	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3' 5" ³⁾	1.24	1,764	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 1" ³⁾	1.50	2,006	■	△	■	△	■	■	■	△	■	■	■	■	■	■	■	■	■	■	■	■
4' 7" ³⁾	1.77	2,116	△	-	△	-	△	△	△	-	■	■	■	■	■	■	■	■	■	■	■	■
4' 11" ³⁾	1.90	2,205	-	-	-	-	△	△	-	-	■	■	■	■	■	■	■	■	■	■	■	■
2' 9" ⁴⁾	1.05	1,389	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3' 5" ⁴⁾	1.37	1,587	■	■	■	△	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 1" ⁴⁾	1.70	1,764	△	△	△	-	■	■	△	△	■	■	■	■	■	■	■	■	■	■	■	■
4' 7" ⁴⁾	1.96	1,918	-	-	-	-	△	△	-	-	■	■	■	■	■	■	■	■	■	■	■	■
4' 11" ⁴⁾	2.16	1,962	-	-	-	-	△	-	-	-	■	■	■	■	■	■	■	■	■	■	■	■

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

Cutting width ft in	Capacity ISO 7451 ¹⁾ yd ³	Weight lb	EW Stabilizers raised				EW Rear blade down				EW Rear blade + front outriggers down				EW Rear outriggers + front blade down				EW Rear + front outriggers down			
			Stick length (ft in)				Stick length (ft in)				Stick length (ft in)				Stick length (ft in)				Stick length (ft in)			
			7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'
2' 9" ²⁾	0.98	1,433	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3' 5" ²⁾	1.24	1,587	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 1" ²⁾	1.50	1,786	■	■	■	△	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 7" ²⁾	1.77	1,940	■	△	△	△	■	■	■	△	■	■	■	■	■	■	■	■	■	■	■	■
4' 11" ²⁾	1.90	1,962	△	△	△	-	■	■	△	△	■	■	■	■	■	■	■	■	■	■	■	■
2' 9" ³⁾	0.98	1,521	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3' 5" ³⁾	1.24	1,764	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 1" ³⁾	1.50	2,006	■	■	■	△	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 7" ³⁾	1.77	2,116	△	△	△	-	■	■	△	△	■	■	■	■	■	■	■	■	■	■	■	■
4' 11" ³⁾	1.90	2,205	△	△	△	-	■	■	△	△	■	■	■	■	■	■	■	■	■	■	■	■
2' 9" ⁴⁾	1.05	1,389	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3' 5" ⁴⁾	1.37	1,587	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 1" ⁴⁾	1.70	1,764	■	■	△	△	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 7" ⁴⁾	1.96	1,918	△	△	△	-	■	△	△	△	■	■	■	■	■	■	■	■	■	■	■	■
4' 11" ⁴⁾	2.16	1,962	△	-	-	-	△	△	△	-	■	■	■	■	■	■	■	■	■	■	■	■

* Indicated loads are based on ISO 10567 and do not exceed 75% of tipping or 87% of hydraulic capacity, max. stick length without quick coupler, lifted 360° on firm with blocked oscillating axle

¹⁾ comparable with SAE (heaped)

²⁾ Bucket with teeth ³⁾ Bucket with teeth in HD version ⁴⁾ Bucket with cutting edge (also available in HD version)

Max. material weight ■ = ≤ 3,034 lb/yd³, ■ = ≤ 2,528 lb/yd³, △ = ≤ 2,023 lb/yd³, - = not authorized

with two-piece boom 19' (heavy counterweight)

 Height Can be slewed through 360° In longitudinal position of undercarriage

 Max. reach * Limited by hydr. capacity22 **A 924 Litronic**

Stick 8'8"

ft	Undercarriage stabilized		10 ft		15 ft		20 ft		25 ft		30 ft		ft in	
	rear	front												
30	-	-			12,9°	12,9°							10,6°	10,6°
	Blade	-			12,9°	12,9°							10,6°	10,6°
	Blade	Outriggers			12,9°	12,9°							10,6°	10,6°
	Outriggers	Blade			12,9°	12,9°							10,6°	10,6°
	Outriggers	Outriggers			12,9°	12,9°							10,6°	10,6°
25	-	-					10,6	12,2°					8,4	8,8°
	Blade	-					10,6	12,2°					8,4	8,8°
	Blade	Outriggers					12,2°	12,2°					8,8°	8,8°
	Outriggers	Blade					12,2°	12,2°					8,8°	8,8°
	Outriggers	Outriggers					12,2°	12,2°					8,8°	8,8°
20	-	-			12,7°	12,7°	10,8	13,4°	7,1	10,6°			6,5	8,1°
	Blade	-			12,7°	12,7°	10,8	13,4°	7,1	10,6°			6,5	8,1°
	Blade	Outriggers			12,7°	12,7°	13,4°	13,4°	10,6°	10,6°			8,1°	8,1°
	Outriggers	Blade			12,7°	12,7°	13,4°	13,4°	10,6°	10,6°			8,1°	8,1°
	Outriggers	Outriggers			12,7°	12,7°	13,4°	13,4°	10,6°	10,6°			8,1°	8,1°
15	-	-	16,1°	16,1°	16,0	16,4°	10,5	15,7°	7,2	13,5°			5,5	7,9°
	Blade	-	16,1°	16,1°	16,0	16,4°	10,5	15,7°	7,2	13,5°			5,5	7,9°
	Blade	Outriggers	16,1°	16,1°	16,4°	16,4°	15,7°	15,7°	11,4	13,5°			7,9°	7,9°
	Outriggers	Blade	16,1°	16,1°	16,4°	16,4°	15,7°	15,7°	11,3	13,5°			7,9°	7,9°
	Outriggers	Outriggers	16,1°	16,1°	16,4°	16,4°	15,7°	15,7°	13,5°	13,5°			7,9°	7,9°
10	-	-	27,3	32,4°	15,3	23,0°	10,3	17,2°	7,1	14,1°			4,9	8,0°
	Blade	-	27,3	32,4°	15,3	23,0°	10,3	17,2°	7,1	14,1°			4,9	8,0°
	Blade	Outriggers	32,3°	32,3°	23,0°	23,0°	15,5	17,1°	11,3	14,0°			8,0°	8,0°
	Outriggers	Blade	32,3°	32,3°	23,0°	23,0°	15,4	17,1°	11,3	14,0°			8,0°	8,0°
	Outriggers	Outriggers	32,3°	32,3°	23,0°	23,0°	17,1°	17,1°	13,5	14,0°			8,0°	8,0°
5	-	-	26,5	30,8°	14,9	25,4°	10,2	18,3°	6,9	14,4°			4,7	8,4°
	Blade	-	26,5	30,8°	14,9	25,4°	10,2	18,3°	6,9	14,4°			4,7	8,4°
	Blade	Outriggers	30,8°	30,8°	22,9	25,3°	15,3	18,2°	11,1	14,3°			8,0	8,4°
	Outriggers	Blade	30,8°	30,8°	22,8	25,3°	15,2	18,2°	11,0	14,3°			7,9	8,4°
	Outriggers	Outriggers	30,8°	30,8°	25,3°	25,3°	18,2	18,2°	13,4	14,3°			8,4°	8,4°
0	-	-	26,5	35,2°	14,9	25,7°	9,9	18,5°	6,5	14,5°			4,8	9,2°
	Blade	-	26,5	35,2°	14,9	25,7°	9,9	18,5°	6,5	14,5°			4,8	9,2°
	Blade	Outriggers	35,2°	35,2°	22,9	25,5°	15,4	18,4°	10,7	14,4°			8,1	9,2°
	Outriggers	Blade	35,2°	35,2°	22,8	25,5°	15,3	18,4°	10,7	14,4°			8,1	9,2°
	Outriggers	Outriggers	35,2°	35,2°	25,5°	25,5°	18,1	18,4°	13,2	14,4°			9,2°	9,2°
- 5	-	-	25,5	41,1°	14,2	25,9°	9,3	18,7°	6,1	14,2°			5,1	10,5°
	Blade	-	25,5	41,1°	14,2	25,9°	9,3	18,7°	6,1	14,2°			5,1	10,5°
	Blade	Outriggers	40,9°	40,9°	23,4	25,8°	15,2	18,6°	10,3	14,1°			8,8	10,4°
	Outriggers	Blade	40,9°	40,9°	23,2	25,8°	15,1	18,6°	10,2	14,1°			8,7	10,4°
	Outriggers	Outriggers	40,9°	40,9°	25,8°	25,8°	18,4	18,6°	12,8	14,1°			10,4°	10,4°
- 10	-	-	25,1	42,8°	13,8	26,8°	8,6	18,6°					6,0	9,2°
	Blade	-	25,1	42,8°	13,8	26,8°	8,6	18,6°					6,0	9,2°
	Blade	Outriggers	42,6°	42,6°	23,5	26,6°	14,4	18,5°					9,1°	9,1°
	Outriggers	Blade	42,6°	42,6°	23,3	26,6°	14,3	18,5°					9,1°	9,1°
	Outriggers	Outriggers	42,6°	42,6°	26,6°	26,6°	18,2	18,5°					9,1°	9,1°
- 15	-	-	24,8	39,6°	13,0	21,3°							9,2	11,1°
	Blade	-	24,8	39,6°	13,0	21,3°							9,2	11,1°
	Blade	Outriggers	39,3°	39,3°	21,1°	21,1°							10,9°	10,9°
	Outriggers	Blade	39,3°	39,3°	21,1°	21,1°							10,9°	10,9°
	Outriggers	Outriggers	39,3°	39,3°	21,1°	21,1°							10,9°	10,9°

Stick 10'

	Undercarriage stabilized		10 ft		15 ft		20 ft		25 ft		30 ft			
ft	rear	front												ft in
30	-	-											8.8° 8.8°	18' 8"
	Blade	-											8.8° 8.8°	
	Blade	Outriggers											8.8° 8.8°	
	Outriggers	Blade											8.8° 8.8°	
25	-	-					10.1 11.0°						7.0 7.5°	24'
	Blade	-					10.8 11.0°						7.5° 7.5°	
	Blade	Outriggers					11.0° 11.0°						7.5° 7.5°	
	Outriggers	Blade					11.0° 11.0°						7.5° 7.5°	
20	-	-					10.0 11.6°	6.7 10.4°					5.4 6.9°	27' 5"
	Blade	-					10.8 11.6°	7.3 10.4°					5.9 6.9°	
	Blade	Outriggers					11.6° 11.6°	10.4° 10.4°					6.9° 6.9°	
	Outriggers	Blade					11.6° 11.6°	10.4° 10.4°					6.9° 6.9°	
15	-	-			13.0° 13.0°	9.8 13.4°	6.8 10.6						4.6 6.8°	29' 6"
	Blade	-			13.0° 13.0°	10.5 13.4°	7.4 12.3°						5.0 6.8°	
	Blade	Outriggers			13.0° 13.0°	13.4° 13.4°	11.4 12.3°						6.8° 6.8°	
	Outriggers	Blade			13.0° 13.0°	13.4° 13.4°	11.4 12.3°						6.8° 6.8°	
10	-	-	25.4 33.2°	14.2 21.9	9.5 14.4	6.8 10.5	4.4 7.4						4.1 6.9°	30' 7"
	Blade	-	27.5 33.2°	15.4 21.9°	10.2 16.6°	7.3 13.7°	4.8 8.6°						4.6 6.9°	
	Blade	Outriggers	33.2° 33.2°	21.9° 21.9°	15.5 16.5°	11.3 13.6°	8.0 8.6°	6.9° 6.9°					6.9° 6.9°	
	Outriggers	Blade	33.2° 33.2°	21.9° 21.9°	15.4 16.5°	11.2 13.6°	8.0 8.6°	6.9° 6.9°					6.9° 6.9°	
5	-	-	24.3 31.0°	13.7 21.3	9.3 14.2	6.5 10.4	4.2 7.3						3.9 6.9	30'10"
	Blade	-	26.4 31.0°	14.9 24.8°	10.0 17.9°	7.1 14.2°	4.7 10.0°						4.4 7.2°	
	Blade	Outriggers	31.0° 31.0°	22.9 24.7°	15.2 17.9°	11.2 14.1°	7.9 10.0°	7.2° 7.2°					7.2° 7.2°	
	Outriggers	Blade	31.0° 31.0°	22.7 24.7°	15.1 17.9°	11.1 14.1°	7.8 10.0°	7.2° 7.2°					7.2° 7.2°	
0	-	-	24.2 34.1°	13.6 21.2	9.2 14.2	6.1 10.0	4.0 7.1						4.0 7.0	30' 2"
	Blade	-	26.3 34.1°	14.7 25.5°	9.9 18.4°	6.6 14.3°	4.5 8.9°						4.4 7.9°	
	Blade	Outriggers	34.0° 34.0°	22.7 25.3°	15.2 18.2°	10.8 14.2°	7.7 8.9°	7.6 7.9°					7.6 7.9°	
	Outriggers	Blade	34.0° 34.0°	22.6 25.3°	15.1 18.2°	10.8 14.2°	7.6 8.9°	7.5 7.9°					7.5 7.9°	
- 5	-	-	23.1 39.7°	13.0 21.5	8.7 14.2	5.6 9.5°							4.2 7.5	28' 8"
	Blade	-	25.6 39.7°	14.2 25.6°	9.5 18.5°	6.2 14.4°							4.7 9.0°	
	Blade	Outriggers	39.5° 39.5°	23.0 25.5°	15.4 18.4°	10.4 14.4°							8.1 9.0°	
	Outriggers	Blade	39.5° 39.5°	22.9 25.5°	15.3 18.4°	10.3 14.4°							8.0 9.0°	
- 10	-	-	22.5 41.9	12.6 21.4	7.9 13.3	5.3 9.2							4.9 8.6	26' 1"
	Blade	-	25.0 42.2°	13.8 26.3°	8.6 19.0°	5.8 11.7°							5.4 9.1°	
	Blade	Outriggers	42.0° 42.0°	23.4 26.1°	14.5 18.9°	10.0 11.6°							9.0° 9.0°	
	Outriggers	Blade	42.0° 42.0°	23.3 26.1°	14.4 18.9°	9.9 11.6°							9.0° 9.0°	
- 15	-	-	22.5 42.5°	11.8 20.5	7.5 12.6°								4.0° 9.0°	21' 4"
	Blade	-	24.9 42.7°	13.0 24.5°	8.3 12.6°								6.8 9.3°	
	Blade	Outriggers	42.5° 42.5°	22.4 24.3°	12.5° 12.5°								9.1° 9.1°	
	Outriggers	Blade	42.5° 42.5°	22.3 24.3°	12.5° 12.5°								9.1° 9.1°	

Lift capacities

with two-piece boom 19' (heavy counterweight), EW undercarriage

Stick 7'5"

ft	Undercarriage stabilized		10 ft		15 ft		20 ft		25 ft		30 ft		ft in
	rear	front											
30	-	-										13,0° 13,0°	14' 1"
	Blade	-										13,0° 13,0°	
	Blade	Outriggers										13,0° 13,0°	
	Outriggers	Blade										13,0° 13,0°	
	Outriggers	Outriggers										13,0° 13,0°	
25	-	-			15,2° 15,2°		10,6 12,3°					9,9 10,4°	20' 8"
	Blade	-			15,2° 15,2°		11,4 12,3°					10,4° 10,4°	
	Blade	Outriggers			15,2° 15,2°		12,3° 12,3°					10,4° 10,4°	
	Outriggers	Blade			15,2° 15,2°		12,3° 12,3°					10,4° 10,4°	
	Outriggers	Outriggers			15,2° 15,2°		12,3° 12,3°					10,4° 10,4°	
20	-	-			15,6° 15,6°		11,0 15,3°					7,3 9,6°	24' 7"
	Blade	-			15,6° 15,6°		11,7 15,5°					7,9 9,6°	
	Blade	Outriggers			15,6° 15,6°		15,5° 15,5°					9,6° 9,6°	
	Outriggers	Blade			15,6° 15,6°		15,5° 15,5°					9,6° 9,6°	
	Outriggers	Outriggers			15,6° 15,6°		15,5° 15,5°					9,6° 9,6°	
15	-	-	29,5 30,3°		16,3 20,7°		10,8 15,0		7,2 10,5			6,1 9,1	26' 11"
	Blade	-	30,3° 30,3°		17,4 20,7°		11,6 16,5°		7,8 14,1°			6,7 9,3°	
	Blade	Outriggers	30,3° 30,3°		20,7° 20,7°		16,5° 16,5°		12,4 14,0°			9,3° 9,3°	
	Outriggers	Blade	30,3° 30,3°		20,7° 20,7°		16,5° 16,5°		12,3 14,0°			9,3° 9,3°	
	Outriggers	Outriggers	30,3° 30,3°		20,7° 20,7°		16,5° 16,5°		14,0° 14,0°			9,3° 9,3°	
10	-	-	27,9 31,0°		15,7 22,0		10,6 14,7		7,1 10,5			5,5 8,3	28' 1"
	Blade	-	30,1 31,0°		16,8 24,1°		11,4 17,8°		7,7 14,5°			6,0 9,5°	
	Blade	Outriggers	31,0° 31,0°		24,0° 24,0°		17,0 17,8°		12,3 14,4°			9,5° 9,5°	
	Outriggers	Blade	31,0° 31,0°		24,0° 24,0°		16,9 17,8°		12,3 14,4°			9,5° 9,5°	
	Outriggers	Outriggers	31,0° 31,0°		24,0° 24,0°		17,8° 17,8°		14,4° 14,4°			9,5° 9,5°	
5	-	-	27,4 31,4°		15,4 21,7		10,6 14,6		6,9 10,2			5,3 8,0	28' 5"
	Blade	-	29,6 31,4°		16,5 25,9°		11,3 18,7°		7,5 14,6°			5,8 10,1°	
	Blade	Outriggers	31,4° 31,4°		25,1 25,8°		16,8 18,6°		12,1 14,6°			9,6 10,1°	
	Outriggers	Blade	31,4° 31,4°		25,0 25,8°		16,7 18,6°		12,1 14,6°			9,6 10,1°	
	Outriggers	Outriggers	31,4° 31,4°		25,8° 25,8°		18,6° 18,6°		14,6 14,6°			10,1° 10,1°	
0	-	-	27,4 37,0°		15,2 21,8		10,1 14,7		6,6 9,9			5,4 8,2	27' 8"
	Blade	-	29,9 37,0°		16,5 26,0°		10,9 18,8°		7,2 14,8°			5,9 11,2°	
	Blade	Outriggers	36,9° 36,9°		25,2 25,8°		16,9 18,7°		11,8 14,7°			9,8 11,2°	
	Outriggers	Blade	36,9° 36,9°		25,1 25,8°		16,8 18,7°		11,7 14,7°			9,8 11,2°	
	Outriggers	Outriggers	36,9° 36,9°		25,8° 25,8°		18,7° 18,7°		14,7 14,7°			11,2° 11,2°	
- 5	-	-	26,4 42,0		14,6 22,1		9,3 13,9		6,3 9,5			5,8 8,9	26'
	Blade	-	29,1 42,3°		15,8 26,3°		10,1 19,1°		6,8 13,2°			6,4 11,1°	
	Blade	Outriggers	42,1° 42,1°		25,7 26,2°		16,7 19,0°		11,4 13,1°			10,7 11,0°	
	Outriggers	Blade	42,1° 42,1°		25,6 26,2°		16,6 19,0°		11,3 13,1°			10,6 11,0°	
	Outriggers	Outriggers	42,1° 42,1°		26,2° 26,2°		19,0° 19,0°		13,1° 13,1°			11,0° 11,0°	
- 10	-	-	26,2 43,6		14,0 21,4		8,8 13,3					7,0 9,5°	23' 1"
	Blade	-	28,9 43,6°		15,2 27,2°		9,6 17,1°					7,6 9,5°	
	Blade	Outriggers	43,4° 43,4°		26,0 27,1°		16,0 17,0°					9,3° 9,3°	
	Outriggers	Blade	43,4° 43,4°		25,9 27,1°		15,9 17,0°					9,3° 9,3°	
	Outriggers	Outriggers	43,4° 43,4°		27,1° 27,1°		17,0° 17,0°					9,3° 9,3°	
- 15	-	-	25,6 33,9°		13,5 16,2°							12,6 14,3°	15' 8"
	Blade	-	28,2 33,9°		14,7 16,2°							13,8 14,3°	
	Blade	Outriggers	33,6° 33,6°		16,0° 16,0°							14,1° 14,1°	
	Outriggers	Blade	33,6° 33,6°		16,0° 16,0°							14,1° 14,1°	
	Outriggers	Outriggers	33,6° 33,6°		16,0° 16,0°							14,1° 14,1°	

Stick 8'

	Undercarriage stabilized		10 ft		15 ft		20 ft		25 ft		30 ft			
ft	rear	front											ft in	
30	-	-			12,6°	12,6°							11,7° 11,7°	
	Blade	-			12,6°	12,6°							11,7° 11,7°	
	Blade	Outriggers			12,6°	12,6°							15' 5"	
	Outriggers	Blade			12,6°	12,6°							11,7° 11,7°	
	Outriggers	Outriggers			12,6°	12,6°							11,7° 11,7°	
25	-	-					10,7	12,5°					9,2	9,6°
	Blade	-					11,5	12,5°					9,6°	9,6°
	Blade	Outriggers					12,5°	12,5°					9,6°	9,6°
	Outriggers	Blade					12,5°	12,5°					9,6°	9,6°
	Outriggers	Outriggers					12,5°	12,5°					9,6°	9,6°
20	-	-			14,1°	14,1°	11,0	14,5°					7,0	8,8°
	Blade	-			14,1°	14,1°	11,7	14,5°					7,5	8,8°
	Blade	Outriggers			14,1°	14,1°	14,5°	14,5°					8,8°	8,8°
	Outriggers	Blade			14,1°	14,1°	14,5°	14,5°					8,8°	8,8°
	Outriggers	Outriggers			14,1°	14,1°	14,5°	14,5°					8,8°	8,8°
15	-	-	21,8°	21,8°	16,3	18,9°	10,8	14,9					5,9	8,6°
	Blade	-	21,8°	21,8°	17,4	18,9°	11,5	16,1°					6,4	8,6°
	Blade	Outriggers	21,8°	21,8°	18,9°	18,9°	16,1°	16,1°					8,6°	8,6°
	Outriggers	Blade	21,8°	21,8°	18,9°	18,9°	16,1°	16,1°					8,6°	8,6°
	Outriggers	Outriggers	21,8°	21,8°	18,9°	18,9°	16,1°	16,1°					8,6°	8,6°
10	-	-	27,9	31,6°	15,7	22,0	10,6	14,6					5,3	8,0
	Blade	-	30,1	31,6°	16,8	23,6°	11,3	17,5°					5,8	8,7°
	Blade	Outriggers	31,6°	31,6°	23,5°	23,5°	16,9	17,5°					8,7°	8,7°
	Outriggers	Blade	31,6°	31,6°	23,5°	23,5°	16,9	17,5°					8,7°	8,7°
	Outriggers	Outriggers	31,6°	31,6°	23,5°	23,5°	17,5°	17,5°					8,7°	8,7°
5	-	-	27,2	31,1°	15,3	21,6	10,5	14,5					5,1	7,7
	Blade	-	29,5	31,1°	16,4	25,7°	11,2	18,5°					5,5	9,2°
	Blade	Outriggers	31,0°	31,0°	25,0	25,6°	16,7	18,4°					9,2°	9,2°
	Outriggers	Blade	31,0°	31,0°	24,9	25,6°	16,6	18,4°					9,2°	9,2°
	Outriggers	Outriggers	31,0°	31,0°	25,6°	25,6°	18,4°	18,4°					9,2°	9,2°
0	-	-	27,4	36,1°	15,2	21,6	10,1	14,6					5,1	7,9
	Blade	-	29,7°	36,1°	16,5	25,8°	10,9	18,7°					5,6	10,1°
	Blade	Outriggers	36,0°	36,0°	25,0	25,7°	16,8	18,5°					9,4	10,1°
	Outriggers	Blade	36,0°	36,0°	24,9	25,7°	16,7	18,5°					9,4	10,1°
	Outriggers	Outriggers	36,0°	36,0°	25,7°	25,7°	18,5°	18,5°					10,1°	10,1°
- 5	-	-	26,3	41,7	14,5	22,1	9,4	14,0					5,5	8,5
	Blade	-	29,0	41,7°	15,8	26,1°	10,2	18,9°					6,1	10,8°
	Blade	Outriggers	41,6°	41,6°	25,5	26,0°	16,8	18,8°					10,2	10,7°
	Outriggers	Blade	41,6°	41,6°	25,4	26,0°	16,7	18,8°					10,1	10,7°
	Outriggers	Outriggers	41,6°	41,6°	26,0°	26,0°	18,8°	18,8°					10,7°	10,7°
- 10	-	-	26,0	43,1	14,1	21,5	8,8	13,3					6,6	9,3°
	Blade	-	28,7	43,2°	15,3	27,2°	9,6	18,0°					7,2	9,3°
	Blade	Outriggers	42,9°	42,9°	26,1	27,0°	16,0	17,9°					9,2°	9,2°
	Outriggers	Blade	42,9°	42,9°	26,0	27,0°	15,9	17,9°					9,2°	9,2°
	Outriggers	Outriggers	42,9°	42,9°	27,0°	27,0°	17,9°	17,9°					9,2°	9,2°
- 15	-	-	25,5	37,1°	13,4	19,0°							10,7	12,4°
	Blade	-	28,2	37,1°	14,6	19,0°							11,7	12,4°
	Blade	Outriggers	36,8°	36,8°	18,8°	18,8°							12,2°	12,2°
	Outriggers	Blade	36,8°	36,8°	18,8°	18,8°							12,2°	12,2°
	Outriggers	Outriggers	36,8°	36,8°	18,8°	18,8°							12,2°	12,2°

Stick 8'8"

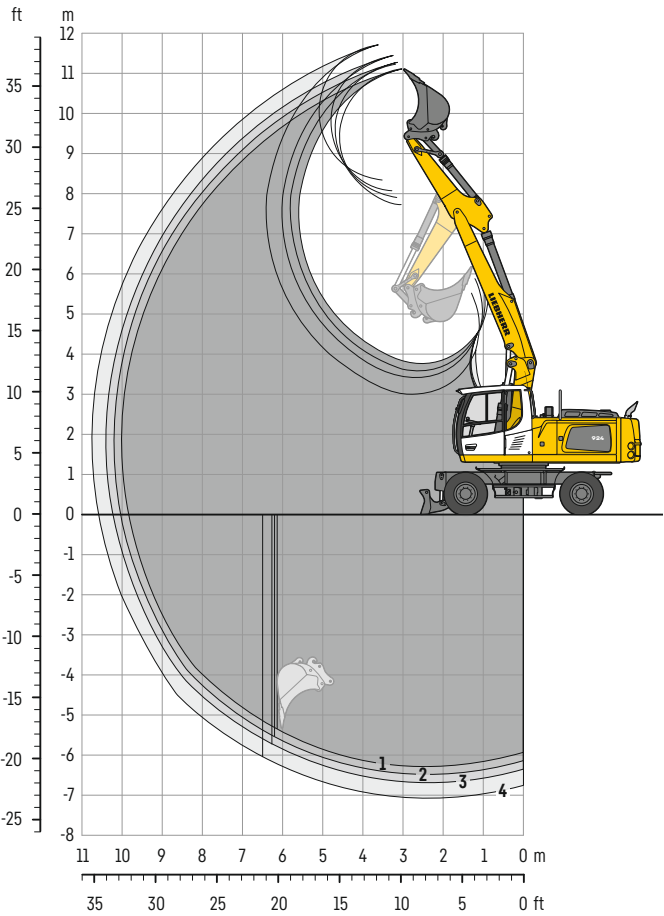
ft	Undercarriage stabilized		10 ft		15 ft		20 ft		25 ft		30 ft		ft in	
	rear	front												
30	-	-			12,9°	12,9°							10,6°	10,6°
	Blade	-			12,9°	12,9°							10,6°	10,6°
	Blade	Outriggers			12,9°	12,9°							10,6°	10,6°
	Outriggers	Blade			12,9°	12,9°							10,6°	10,6°
	Outriggers	Outriggers			12,9°	12,9°							10,6°	10,6°
25	-	-					10,8	12,2°					8,6	8,8°
	Blade	-					11,6	12,2°					8,8°	8,8°
	Blade	Outriggers					12,2°	12,2°					8,8°	8,8°
	Outriggers	Blade					12,2°	12,2°					8,8°	8,8°
	Outriggers	Outriggers					12,2°	12,2°					8,8°	8,8°
20	-	-			12,7°	12,7°	11,0	13,4°	7,2	10,5			6,6	8,1°
	Blade	-			12,7°	12,7°	11,7	13,4°	7,8	10,6°			7,1	8,1°
	Blade	Outriggers			12,7°	12,7°	13,4°	13,4°	10,6°	10,6°			8,1°	8,1°
	Outriggers	Blade			12,7°	12,7°	13,4°	13,4°	10,6°	10,6°			8,1°	8,1°
	Outriggers	Outriggers			12,7°	12,7°	13,4°	13,4°	10,6°	10,6°			8,1°	8,1°
15	-	-	16,1°	16,1°	16,2	16,4°	10,8	14,9	7,4	10,6			5,6	7,9°
	Blade	-	16,1°	16,1°	16,4°	16,4°	11,5	15,7°	8,0	13,5°			6,1	7,9°
	Blade	Outriggers	16,1°	16,1°	16,4°	16,4°	15,7°	15,7°	12,5	13,5°			7,9°	7,9°
	Outriggers	Blade	16,1°	16,1°	16,4°	16,4°	15,7°	15,7°	12,4	13,5°			7,9°	7,9°
	Outriggers	Outriggers	16,1°	16,1°	16,4°	16,4°	15,7°	15,7°	13,5°	13,5°			7,9°	7,9°
10	-	-	27,9	32,4°	15,6	22,0	10,5	14,6	7,3	10,6			5,0	7,7
	Blade	-	30,1	32,4°	16,7	23,0°	11,2	17,2°	7,9	14,1°			5,5	8,0°
	Blade	Outriggers	32,3°	32,3°	23,0°	23,0°	16,9	17,1°	12,4	14,0°			8,0°	8,0°
	Outriggers	Blade	32,3°	32,3°	23,0°	23,0°	16,8	17,1°	12,3	14,0°			8,0°	8,0°
	Outriggers	Outriggers	32,3°	32,3°	23,0°	23,0°	17,1°	17,1°	14,0°	14,0°			8,0°	8,0°
5	-	-	27,1	30,8°	15,2	21,5	10,4	14,4	7,1	10,3			4,8	7,4
	Blade	-	29,4	30,8°	16,3	25,4°	11,1	18,3°	7,6	14,4°			5,3	8,4°
	Blade	Outriggers	30,8°	30,8°	24,9	25,3°	16,6	18,2°	12,2	14,3°			8,4°	8,4°
	Outriggers	Blade	30,8°	30,8°	24,8	25,3°	16,5	18,2°	12,2	14,3°			8,4°	8,4°
	Outriggers	Outriggers	30,8°	30,8°	25,3°	25,3°	18,2°	18,2°	14,3°	14,3°			8,4°	8,4°
0	-	-	27,2	35,2°	15,2	21,5	10,1	14,5	6,7	10,0			4,9	7,5
	Blade	-	29,5	35,2°	16,3	25,7°	10,9	18,5°	7,2	14,5°			5,4	9,2°
	Blade	Outriggers	35,2°	35,2°	24,9	25,5°	16,6	18,4°	11,8	14,4°			9,0	9,2°
	Outriggers	Blade	35,2°	35,2°	24,8	25,5°	16,6	18,4°	11,8	14,4°			9,0	9,2°
	Outriggers	Outriggers	35,2°	35,2°	25,5°	25,5°	18,4°	18,4°	14,4°	14,4°			9,2°	9,2°
- 5	-	-	26,3	41,1°	14,5	22,0	9,5	14,1	6,3	9,5			5,3	8,1
	Blade	-	29,0	41,1°	15,8	25,9°	10,3	18,7°	6,8	14,2°			5,8	10,5°
	Blade	Outriggers	40,9°	40,9°	25,3	25,8°	16,8	18,6°	11,4	14,1°			9,8	10,4°
	Outriggers	Blade	40,9°	40,9°	25,2	25,8°	16,8	18,6°	11,4	14,1°			9,7	10,4°
	Outriggers	Outriggers	40,9°	40,9°	25,8°	25,8°	18,6°	18,6°	14,1°	14,1°			10,4°	10,4°
- 10	-	-	25,9	42,7	14,2	21,6	8,8	13,4					6,2	9,2°
	Blade	-	28,5	42,8°	15,4	26,8°	9,6	18,6°					6,8	9,2°
	Blade	Outriggers	42,6°	42,6°	26,3	26,6°	16,0	18,5°					9,1°	9,1°
	Outriggers	Blade	42,6°	42,6°	26,2	26,6°	16,0	18,5°					9,1°	9,1°
	Outriggers	Outriggers	42,6°	42,6°	26,6°	26,6°	18,5°	18,5°					9,1°	9,1°
- 15	-	-	25,5	39,6°	13,3	20,7							9,4	11,1°
	Blade	-	28,2	39,6°	14,6	21,3°							10,3	11,1°
	Blade	Outriggers	39,3°	39,3°	21,1°	21,1°							10,9°	10,9°
	Outriggers	Blade	39,3°	39,3°	21,1°	21,1°							10,9°	10,9°
	Outriggers	Outriggers	39,3°	39,3°	21,1°	21,1°							10,9°	10,9°

Stick 10'

	Undercarriage stabilized		10 ft		15 ft		20 ft		25 ft		30 ft			
ft	rear	front												ft in
30	-	-											8.8° 8.8°	18' 8"
	Blade	-											8.8° 8.8°	
	Blade	Outriggers											8.8° 8.8°	
	Outriggers	Blade											8.8° 8.8°	
	Outriggers	Outriggers											8.8° 8.8°	
25	-	-					11.0 11.0°						7.5° 7.5°	24'
	Blade	-					11.0° 11.0°						7.5° 7.5°	
	Blade	Outriggers					11.0° 11.0°						7.5° 7.5°	
	Outriggers	Blade					11.0° 11.0°						7.5° 7.5°	
	Outriggers	Outriggers					11.0° 11.0°						7.5° 7.5°	
20	-	-					11.0 11.6°		7.4 10.4°				6.1 6.9°	27' 5"
	Blade	-					11.6° 11.6°		8.0 10.4°				6.6 6.9°	
	Blade	Outriggers					11.6° 11.6°		10.4° 10.4°				6.9° 6.9°	
	Outriggers	Blade					11.6° 11.6°		10.4° 10.4°				6.9° 6.9°	
	Outriggers	Outriggers					11.6° 11.6°		10.4° 10.4°				6.9° 6.9°	
15	-	-			13.0° 13.0°	10.8 13.4°	7.5 10.7						5.2 6.8°	29' 6"
	Blade	-			13.0° 13.0°	11.5 13.4°	8.1 12.3°						5.6 6.8°	
	Blade	Outriggers			13.0° 13.0°	13.4° 13.4°	12.3° 12.3°						6.8° 6.8°	
	Outriggers	Blade			13.0° 13.0°	13.4° 13.4°	12.3 12.3°						6.8° 6.8°	
	Outriggers	Outriggers			13.0° 13.0°	13.4° 13.4°	12.3° 12.3°						6.8° 6.8°	
10	-	-	28.1 33.2°	15.7 21.9°	10.5 14.5	7.5 10.6	4.9 7.5						4.7 6.9°	30' 7"
	Blade	-	30.4 33.2°	16.8 21.9°	11.2 16.6°	8.0 13.7°	5.4 8.6°						5.1 6.9°	
	Blade	Outriggers	33.2° 33.2°	21.9° 21.9°	16.5° 16.5°	12.3 13.6°	8.6° 8.6°						6.9° 6.9°	
	Outriggers	Blade	33.2° 33.2°	21.9° 21.9°	16.5° 16.5°	12.2 13.6°	8.6° 8.6°						6.9° 6.9°	
	Outriggers	Outriggers	33.2° 33.2°	21.9° 21.9°	16.5° 16.5°	13.6° 13.6°	8.6° 8.6°						6.9° 6.9°	
5	-	-	27.0 31.0°	15.2 21.4	10.3 14.3	7.2 10.4	4.8 7.3						4.5 6.9	30' 10"
	Blade	-	29.3 31.0°	16.2 24.8°	11.0 17.9°	7.8 14.2°	5.2 10.0°						4.9 7.2°	
	Blade	Outriggers	31.0° 31.0°	24.7° 24.7°	16.5 17.9°	12.2 14.1°	8.7 10.0°						7.2° 7.2°	
	Outriggers	Blade	31.0° 31.0°	24.7° 24.7°	16.4 17.9°	12.1 14.1°	8.7 10.0°						7.2° 7.2°	
	Outriggers	Outriggers	31.0° 31.0°	24.7° 24.7°	17.9° 17.9°	14.1° 14.1°	10.0° 10.0°						7.2° 7.2°	
0	-	-	26.9 34.1°	15.1 21.3	10.2 14.2	6.8 10.1	4.6 7.1						4.5 7.0	30' 2"
	Blade	-	29.2 34.1°	16.1 25.5°	11.0 18.4°	7.4 14.3°	5.0 8.9°						4.9 7.9°	
	Blade	Outriggers	34.0° 34.0°	24.7 25.3°	16.4 18.2°	11.9 14.2°	8.5 8.9°						7.9° 7.9°	
	Outriggers	Blade	34.0° 34.0°	24.6 25.3°	16.4 18.2°	11.9 14.2°	8.5 8.9°						7.9° 7.9°	
	Outriggers	Outriggers	34.0° 34.0°	25.3° 25.3°	18.2° 18.2°	14.2° 14.2°	8.9° 8.9°						7.9° 7.9°	
- 5	-	-	26.3 39.7°	14.5 21.6	9.7 14.3	6.3 9.6							4.8 7.5	28' 8"
	Blade	-	29.0 39.7°	15.8 25.6°	10.5 18.5°	6.9 14.4°							5.3 9.0°	
	Blade	Outriggers	39.5° 39.5°	25.0 25.5°	16.8 18.4°	11.5 14.4°							9.0 9.0°	
	Outriggers	Blade	39.5° 39.5°	24.9 25.5°	16.7 18.4°	11.4 14.4°							9.0 9.0°	
	Outriggers	Outriggers	39.5° 39.5°	25.5° 25.5°	18.4° 18.4°	14.3 14.4°							9.0° 9.0°	
- 10	-	-	25.7 42.0	14.1 21.6	8.9 13.4	6.0 9.3							5.6 8.6	26' 1"
	Blade	-	28.4 42.2°	15.3 26.3°	9.6 19.0°	6.6 11.7°							6.1 9.1°	
	Blade	Outriggers	42.0° 42.0°	25.8 26.1°	16.2 18.9°	11.1 11.6°							9.0° 9.0°	
	Outriggers	Blade	42.0° 42.0°	25.7 26.1°	16.1 18.9°	11.1 11.6°							9.0° 9.0°	
	Outriggers	Outriggers	42.0° 42.0°	26.1° 26.1°	18.9° 18.9°	11.6° 11.6°							9.0° 9.0°	
- 15	-	-	25.7 42.7°	13.3 20.7	8.5 12.6°								7.7 9.3°	21' 4"
	Blade	-	28.3 42.7°	14.5 24.5°	9.2 12.6°								8.4 9.3°	
	Blade	Outriggers	42.5° 42.5°	24.3° 24.3°	12.5° 12.5°								9.1° 9.1°	
	Outriggers	Blade	42.5° 42.5°	24.3° 24.3°	12.5° 12.5°								9.1° 9.1°	
	Outriggers	Outriggers	42.5° 42.5°	24.3° 24.3°	12.5° 12.5°								9.1° 9.1°	

Backhoe bucket

with two-piece boom 19' (standard counterweight)



Digging envelope

with quick coupler		1	2	3	4
Stick length	ft in	7'5"	8'	8'8"	10'
Max. digging depth	ft in	20'8"	21' 4"	22'	23'2"
Max. reach at ground level	ft in	32'4"	33'	33'8"	34'9"
Max. dumping height	ft in	25'5"	25'11"	26'5"	27'5"
Max. teeth height	ft in	36'5"	36'11"	37'7"	38'5"
Min. equipment radius	ft in	10'8"	10' 4"	10'2"	10'4"

Digging forces

without quick coupler		1	2	3	4
Max. digging force (ISO 6015)	lbf	28,528	26,797	25,269	22,728
	lb	28,400	26,900	25,400	22,700
Max. breakout force (ISO 6015)	lbf	31,608	31,608	31,608	31,608
	lb	31,500	31,500	31,500	31,500

Max. breakout force with ripper bucket 41,815 lbf (41,900 lb)

Operating weight

The operating weight includes the basic machine with 8 tires plus intermediate rings, two-piece boom 19', stick 8', quick coupler SWA 48 and bucket 4'1" / 1.50 yd³.

Undercarriage versions	Weight (lb)
A 924 Litronic with rear blade	47,600
A 924 Litronic with rear outriggers + front blade	51,400
A 924 Litronic with rear + front outriggers	52,300
A 924 EW Litronic with rear blade	47,800
A 924 EW Litronic with rear outriggers + front blade	52,300
A 924 EW Litronic with rear + front outriggers	53,400

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

Cutting width ft in	Capacity ISO 7451 ¹⁾ yd ³	Weight lb	Stabilizers raised				Rear blade down				Rear outriggers + front blade down				Rear + front outriggers down			
			Stick length (ft in)				Stick length (ft in)				Stick length (ft in)				Stick length (ft in)			
			7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'
2' 9" ²⁾	0.98	1,433	■	△	■	-	■	■	■	△	■	■	■	■	■	■	■	■
3' 5" ²⁾	1.24	1,587	-	-	-	-	△	△	-	-	■	■	■	■	■	■	■	■
4' 1" ²⁾	1.50	1,786	-	-	-	-	-	-	-	-	■	■	■	■	■	■	■	■
4' 7" ²⁾	1.77	1,940	-	-	-	-	-	-	-	-	■	■	■	■	■	■	■	■
4' 11" ²⁾	1.90	1,962	-	-	-	-	-	-	-	-	■	■	■	■	■	■	■	■
2' 9" ³⁾	0.98	1,521	△	△	■	-	■	■	■	△	■	■	■	■	■	■	■	■
3' 5" ³⁾	1.24	1,764	-	-	-	-	△	△	-	-	■	■	■	■	■	■	■	■
4' 1" ³⁾	1.50	2,006	-	-	-	-	-	-	-	-	■	■	■	■	■	■	■	■
4' 7" ³⁾	1.77	2,116	-	-	-	-	-	-	-	-	■	■	■	■	■	■	■	■
4' 11" ³⁾	1.90	2,205	-	-	-	-	-	-	-	-	■	■	■	△	■	■	■	■
2' 9" ⁴⁾	1.05	1,389	△	△	△	-	■	■	△	△	■	■	■	■	■	■	■	■
3' 5" ⁴⁾	1.37	1,587	-	-	-	-	△	-	-	-	■	■	■	■	■	■	■	■
4' 1" ⁴⁾	1.70	1,764	-	-	-	-	-	-	-	-	■	■	■	■	■	■	■	■
4' 7" ⁴⁾	1.96	1,918	-	-	-	-	-	-	-	-	■	■	■	△	■	■	■	■
4' 11" ⁴⁾	2.16	1,962	-	-	-	-	-	-	-	-	■	■	△	△	■	■	■	■

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

Cutting width ft in	Capacity ISO 7451 ¹⁾ yd ³	Weight lb	EW Stabilizers raised				EW Rear blade down				EW Rear outriggers + front blade down				EW Rear + front outriggers down			
			Stick length (ft in)				Stick length (ft in)				Stick length (ft in)				Stick length (ft in)			
			7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'
2' 9" ²⁾	0.98	1,433	■	■	■	△	■	■	■	■	■	■	■	■	■	■	■	■
3' 5" ²⁾	1.24	1,587	△	△	△	-	■	■	△	△	■	■	■	■	■	■	■	■
4' 1" ²⁾	1.50	1,786	-	-	-	-	△	△	-	-	■	■	■	■	■	■	■	■
4' 7" ²⁾	1.77	1,940	-	-	-	-	-	-	-	-	■	■	■	■	■	■	■	■
4' 11" ²⁾	1.90	1,962	-	-	-	-	-	-	-	-	■	■	■	■	■	■	■	■
2' 9" ³⁾	0.98	1,521	■	■	■	△	■	■	■	■	■	■	■	■	■	■	■	■
3' 5" ³⁾	1.24	1,764	△	△	-	-	■	△	△	△	■	■	■	■	■	■	■	■
4' 1" ³⁾	1.50	2,006	-	-	-	-	△	-	-	-	■	■	■	■	■	■	■	■
4' 7" ³⁾	1.77	2,116	-	-	-	-	-	-	-	-	■	■	■	■	■	■	■	■
4' 11" ³⁾	1.90	2,205	-	-	-	-	-	-	-	-	■	■	■	■	■	■	■	■
2' 9" ⁴⁾	1.05	1,389	■	■	■	△	■	■	■	■	■	■	■	■	■	■	■	■
3' 5" ⁴⁾	1.37	1,587	△	△	-	-	△	△	△	-	■	■	■	■	■	■	■	■
4' 1" ⁴⁾	1.70	1,764	-	-	-	-	-	-	-	-	■	■	■	■	■	■	■	■
4' 7" ⁴⁾	1.96	1,918	-	-	-	-	-	-	-	-	■	■	■	■	■	■	■	■
4' 11" ⁴⁾	2.16	1,962	-	-	-	-	-	-	-	-	■	■	■	■	■	■	■	■

* Indicated loads are based on ISO 10567 and do not exceed 75% of tipping or 87% of hydraulic capacity, max. stick length without quick coupler, lifted 360° on firm with blocked oscillating axle

¹⁾ comparable with SAE (heaped)

²⁾ Bucket with teeth ³⁾ Bucket with teeth in HD version ⁴⁾ Bucket with cutting edge (also available in HD version)

Max. material weight ■ = ≤ 3,034 lb/yd³, ■ = ≤ 2,528 lb/yd³, △ = ≤ 2,023 lb/yd³, - = not authorized

Lift capacities

with two-piece boom 19' (standard counterweight)

Stick 7'5"

ft		Undercarriage stabilized	10 ft		15 ft		20 ft		25 ft		30 ft			ft in
			rear	front	rear	front	rear	front	rear	front	rear	front		
30		-	-	-	-	-	-	-	-	-	-	-	12,7 13,0*	14' 1"
		Blade	-	-	-	-	-	-	-	-	-	-	13,0* 13,0*	
		Outriggers	Blade	-	-	-	-	-	-	-	-	-	13,0* 13,0*	
		Outriggers	Outriggers	-	-	-	-	-	-	-	-	-	13,0* 13,0*	
25		-	-	-	-	-	-	-	-	-	-	-	6,6 10,4*	20' 8"
		Blade	-	-	12,0 15,2*	7,1 12,0	-	-	-	-	-	-	7,2 10,4*	
		Outriggers	Blade	-	13,1 15,2*	7,8 12,3*	-	-	-	-	-	-	10,4* 10,4*	
		Outriggers	Outriggers	-	15,2* 15,2*	12,3* 12,3*	-	-	-	-	-	-	10,4* 10,4*	
20		-	-	-	-	-	-	-	-	-	-	-	4,7 8,3	24' 7"
		Blade	-	-	11,8 15,6*	7,5 12,4	-	-	-	-	-	-	5,2 9,6*	
		Outriggers	Blade	-	12,8 15,6*	8,2 15,5*	-	-	-	-	-	-	9,0 9,6*	
		Outriggers	Outriggers	-	15,6* 15,6*	13,3 15,5*	-	-	-	-	-	-	9,6* 9,6*	
15		-	-	-	-	-	-	-	-	-	-	-	3,7 6,9	26'11"
		Blade	-	-	20,7 30,3*	11,2 18,8	7,3 12,2	4,6 8,1	-	-	-	-	4,2 9,3*	
		Outriggers	Blade	-	22,9 30,3*	12,3 20,7*	8,0 16,5*	5,1 14,1*	-	-	-	-	7,5 9,3*	
		Outriggers	Outriggers	-	30,3* 30,3*	20,3 20,7*	13,1 16,5*	8,8 14,0*	-	-	-	-	9,3* 9,3*	
10		-	-	-	-	-	-	-	-	-	-	-	3,3 6,2	28' 1"
		Blade	-	-	19,2 31,0*	10,7 18,1	7,2 11,9	4,5 8,0	-	-	-	-	3,7 9,5*	
		Outriggers	Blade	-	21,3 31,0*	11,7 24,1*	7,8 17,8*	5,0 14,5*	-	-	-	-	6,8 9,5*	
		Outriggers	Outriggers	-	31,0* 31,0*	19,5 24,0*	12,9 17,8*	8,8 14,4*	-	-	-	-	8,8 9,5*	
5		-	-	-	-	-	-	-	-	-	-	-	3,0 6,0	28' 5"
		Blade	-	-	18,6 31,4*	10,4 17,8	7,1 11,9	4,3 7,8	-	-	-	-	3,4 10,1*	
		Outriggers	Blade	-	20,7 31,4*	11,4 25,9*	7,8 18,7*	4,8 14,6*	-	-	-	-	6,5 10,1*	
		Outriggers	Outriggers	-	31,4* 31,4*	19,2 25,8*	12,8 18,6*	8,5 14,6*	-	-	-	-	8,5 10,1*	
0		-	-	-	-	-	-	-	-	-	-	-	3,1 6,1	27' 8"
		Blade	-	-	18,1 34,4	10,2 17,9	6,7 11,6	4,0 7,4	-	-	-	-	3,5 11,2*	
		Outriggers	Blade	-	20,2 37,0*	11,2 26,0*	7,3 18,8*	4,4 14,8*	-	-	-	-	6,6 11,2*	
		Outriggers	Outriggers	-	36,9* 36,9*	19,3 25,8*	12,6 18,7*	8,1 14,7*	-	-	-	-	8,6 11,2*	
- 5		-	-	-	-	-	-	-	-	-	-	-	3,4 6,6	26'
		Blade	-	-	17,1 34,5	9,5 17,3	5,9 10,7	3,7 7,1	-	-	-	-	3,8 11,1*	
		Outriggers	Blade	-	19,1 42,3*	10,6 26,3*	6,5 19,1*	4,1 13,2*	-	-	-	-	7,2 11,0*	
		Outriggers	Outriggers	-	38,4 42,1*	19,0 26,2*	11,7 19,0*	7,8 13,1*	-	-	-	-	9,4 11,0*	
- 10		-	-	-	-	-	-	-	-	-	-	-	4,1 8,0	23' 1"
		Blade	-	-	16,9 34,3	8,9 16,6	5,4 10,1	-	-	-	-	-	4,6 9,5*	
		Outriggers	Blade	-	18,9 43,6*	9,9 27,2*	6,0 17,1*	-	-	-	-	-	8,7 9,3*	
		Outriggers	Outriggers	-	38,2 43,4*	18,1 27,1*	11,0 17,0*	-	-	-	-	-	9,3* 9,3*	
- 15		-	-	-	-	-	-	-	-	-	-	-	7,9 14,3*	15' 8"
		Blade	-	-	16,3 33,6	8,5 16,0	-	-	-	-	-	-	8,8 14,3*	
		Outriggers	Blade	-	18,4 33,9*	9,5 16,2*	-	-	-	-	-	-	14,1* 14,1*	
		Outriggers	Outriggers	-	33,6* 33,6*	16,0* 16,0*	-	-	-	-	-	-	14,1* 14,1*	

Stick 8'

ft		Undercarriage stabilized	10 ft		15 ft		20 ft		25 ft		30 ft			ft in
			rear	front	rear	front	rear	front	rear	front	rear	front		
30		-	-	-	-	-	-	-	-	-	-	-	11,0 11,7*	15' 5"
		Blade	-	-	11,6 12,6*	7,3 12,2	-	-	-	-	-	-	11,7* 11,7*	
		Outriggers	Blade	-	12,6* 12,6*	7,9 12,5*	-	-	-	-	-	-	11,7* 11,7*	
		Outriggers	Outriggers	-	12,6* 12,6*	12,5* 12,5*	-	-	-	-	-	-	11,7* 11,7*	
25		-	-	-	-	-	-	-	-	-	-	-	6,1 9,6*	21' 7"
		Blade	-	-	-	7,3 12,2	-	-	-	-	-	-	6,7 9,6*	
		Outriggers	Blade	-	-	7,9 12,5*	-	-	-	-	-	-	9,6* 9,6*	
		Outriggers	Outriggers	-	-	12,5* 12,5*	-	-	-	-	-	-	9,6* 9,6*	
20		-	-	-	-	-	-	-	-	-	-	-	4,4 7,8	25' 4"
		Blade	-	-	11,8 14,1*	7,5 12,4	4,5 8,0	-	-	-	-	-	4,8 8,8*	
		Outriggers	Blade	-	12,9 14,1*	8,2 14,5*	5,0 9,8*	-	-	-	-	-	8,5 8,8*	
		Outriggers	Outriggers	-	14,1* 14,1*	13,4 14,5*	8,8 9,8*	-	-	-	-	-	8,8* 8,8*	
15		-	-	-	-	-	-	-	-	-	-	-	3,5 6,6	27' 7"
		Blade	-	-	20,7 21,8*	11,2 18,7	7,3 12,1	4,7 8,2	-	-	-	-	3,9 8,6*	
		Outriggers	Blade	-	21,8* 21,8*	12,3 18,9*	8,0 16,1*	5,1 13,8*	-	-	-	-	7,2 8,6*	
		Outriggers	Outriggers	-	21,8* 21,8*	18,9* 18,9*	13,1 16,1*	8,9 13,8*	-	-	-	-	8,6* 8,6*	
10		-	-	-	-	-	-	-	-	-	-	-	3,1 5,9	28'10"
		Blade	-	-	19,2 31,6*	10,6 18,1	7,1 11,9	4,6 8,1	-	-	-	-	3,5 8,7*	
		Outriggers	Blade	-	21,3 31,6*	11,7 23,6*	7,8 17,5*	5,1 14,3*	-	-	-	-	6,5 8,7*	
		Outriggers	Outriggers	-	31,6* 31,6*	19,5 23,5*	12,8 17,5*	8,9 14,2*	-	-	-	-	8,4 8,7*	
5		-	-	-	-	-	-	-	-	-	-	-	2,9 5,7	29'
		Blade	-	-	18,5 31,1*	10,3 17,7	7,0 11,8	4,4 7,9	-	-	-	-	3,3 9,2*	
		Outriggers	Blade	-	20,6 31,1*	11,4 25,7*	7,7 18,5*	4,8 14,5*	-	-	-	-	6,2 9,2*	
		Outriggers	Outriggers	-	31,0* 31,0*	19,1 25,6*	12,7 18,4*	8,6 14,5*	-	-	-	-	8,1 9,2*	
0		-	-	-	-	-	-	-	-	-	-	-	2,9 5,8	28' 5"
		Blade	-	-	18,2 34,2	10,2 17,7	6,7 11,6	4,0 7,5	-	-	-	-	3,3 10,1*	
		Outriggers	Blade	-	20,2 36,1*	11,2 25,8*	7,3 18,7*	4,5 14,6*	-	-	-	-	6,3 10,1*	
		Outriggers	Outriggers	-	36,0* 36,0*	19,1 25,7*	12,6 18,5*	8,2 14,5*	-	-	-	-	8,3 10,1*	
- 5		-	-	-	-	-	-	-	-	-	-	-	3,1 6,3	26' 8"
		Blade	-	-	17,0 34,5	9,5 17,2	6,0 10,8	3,7 7,1	-	-	-	-	3,6 10,8*	
		Outriggers	Blade	-	19,1 41,7*	10,5 26,1*	6,6 18,9*	4,1 13,9*	-	-	-	-	6,9 10,7*	
		Outriggers	Outriggers	-	38,1 41,6*	18,9 26,0*	11,8 18,8*	7,8 13,8*	-	-	-	-	9,0 10,7*	
- 10		-	-	-	-	-	-	-	-	-	-	-	3,8 7,5	23'11"
		Blade	-	-	16,7 34,1	9,0 16,7	5,3 10,1	-	-	-	-	-	4,3 9,3*	
		Outriggers	Blade	-	18,8 43,2*	10,0 27,2*	6,0 18,0*	-	-	-	-	-	8,2 9,2*	
		Outriggers	Outriggers	-	38,0 42,9*	18,3 27,0*	11,0 17,9*	-	-	-	-	-	9,2* 9,2*	
- 15		-	-	-	-	-	-	-	-	-	-	-	6,6 12,4*	17' 5"
		Blade	-	-	16,3 33,5	8,4 16,0	-	-	-	-	-	-	7,4 12,4*	
		Outriggers	Blade	-	18,3 37,1*	9,4 19,0*	-	-	-	-	-	-	12,2* 12,2*	
		Outriggers	Outriggers	-	36,8* 36,8*	17,4 18,8*	-	-	-	-	-	-	12,2* 12,2*	

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

The lift capacities on the load hook of the Liebherr quick coupler SWA 48 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 ($\pm 15^\circ$) are specified over the steering axle with the stabilizers raised and over the rigid axle with the stabilizers down. The values apply when the adjusting cylinder is in the optimal position. Indicated loads based on the ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity, or are limited by the permissible load of the load hook on the quick coupler (max. 26,500 lb). Without the quick coupler, lift capacities will increase by up to 500 lb.

Stick 8'8"

ft	Undercarriage stabilized		10 ft		15 ft		20 ft		25 ft		30 ft		ft in	
	rear	front												
30	-	-			12,9° 12,9°							10,6° 10,6°	16' 8"	
	Blade	-			12,9° 12,9°							10,6° 10,6°		
	Outriggers	Blade			12,9° 12,9°							10,6° 10,6°		
	Outriggers	Outriggers			12,9° 12,9°							10,6° 10,6°		
25	-	-					8,1 12,2°					6,2 8,8°	22' 6"	
	Blade	-					8,1 12,2°					6,2 8,8°		
	Outriggers	Blade					12,2° 12,2°					8,8° 8,8°		
	Outriggers	Outriggers					12,2° 12,2°					8,8° 8,8°		
20	-	-			12,7° 12,7°		8,2 13,4°		5,1 10,6°			4,6 8,1°	26'	
	Blade	-			12,7° 12,7°		8,2 13,4°		5,1 10,6°			4,6 8,1°		
	Outriggers	Blade			12,7° 12,7°		13,3 13,4°		8,9 10,6°			8,1 8,1°		
	Outriggers	Outriggers			12,7° 12,7°		13,4° 13,4°		10,6° 10,6°			8,1° 8,1°		
15	-	-	16,1° 16,1°	12,3 16,4°			8,0 15,7°		5,2 13,5°			3,7 7,9°	28' 2"	
	Blade	-	16,1° 16,1°	12,3 16,4°			8,0 15,7°		5,2 13,5°			3,7 7,9°		
	Outriggers	Blade	16,1° 16,1°	16,4° 16,4°			13,1 15,7°		9,0 13,5°			6,9 7,9°		
	Outriggers	Outriggers	16,1° 16,1°	16,4° 16,4°			15,7° 15,7°		11,3 13,5°			7,9° 7,9°		
10	-	-	21,4 32,4°	11,7 23,0°			7,7 17,2°		5,2 14,1°			3,3 8,0°	29' 5"	
	Blade	-	21,4 32,4°	11,7 23,0°			7,7 17,2°		5,2 14,1°			3,3 8,0°		
	Outriggers	Blade	32,3° 32,3°	19,5 23,0°			12,7 17,1°		8,9 14,0°			6,2 8,0°		
	Outriggers	Outriggers	32,3° 32,3°	23,0° 23,0°			15,7 17,1°		11,3 14,0°			8,0° 8,0°		
5	-	-	20,5 30,8°	11,3 25,4°			7,6 18,3°		4,9 14,4°			3,1 8,4°	29' 8"	
	Blade	-	20,5 30,8°	11,3 25,4°			7,6 18,3°		4,9 14,4°			3,1 8,4°		
	Outriggers	Blade	30,8° 30,8°	19,0 25,3°			12,6 18,2°		8,7 14,3°			6,0 8,4°		
	Outriggers	Outriggers	30,8° 30,8°	23,7 25,3°			15,4 18,2°		11,0 14,3°			7,8 8,4°		
0	-	-	20,4 35,2°	11,2 25,7°			7,3 18,5°		4,5 14,5°			3,1 9,2°	29'	
	Blade	-	20,4 35,2°	11,2 25,7°			7,3 18,5°		4,5 14,5°			3,1 9,2°		
	Outriggers	Blade	35,2° 35,2°	19,0 25,5°			12,6 18,4°		8,2 14,4°			6,0 9,2°		
	Outriggers	Outriggers	35,2° 35,2°	23,6 25,5°			15,5 18,4°		10,6 14,4°			7,9 9,2°		
- 5	-	-	19,0 41,1°	10,5 25,9°			6,7 18,7°		4,1 14,2°			3,4 10,5°	27' 5"	
	Blade	-	19,0 41,1°	10,5 25,9°			6,7 18,7°		4,1 14,2°			3,4 10,5°		
	Outriggers	Blade	37,8 40,9°	18,9 25,8°			11,9 18,6°		7,8 14,1°			6,5 10,4°		
	Outriggers	Outriggers	40,9° 40,9°	24,1 25,8°			15,4 18,6°		10,1 14,1°			8,6 10,4°		
- 10	-	-	18,6 42,8°	10,1 26,8°			6,0 18,6°					4,0 9,2°	24' 8"	
	Blade	-	18,6 42,8°	10,1 26,8°			6,0 18,6°					4,0 9,2°		
	Outriggers	Blade	37,9 42,6°	18,4 26,6°			11,1 18,5°					7,7 9,1°		
	Outriggers	Outriggers	42,6° 42,6°	24,6 26,6°			14,5 18,5°					9,1° 9,1°		
- 15	-	-	18,3 39,6°	9,3 21,3°								6,4 11,1°	18' 10"	
	Blade	-	18,3 39,6°	9,3 21,3°								6,4 11,1°		
	Outriggers	Blade	37,3 39,3°	17,4 21,1°								10,9° 10,9°		
	Outriggers	Outriggers	39,3° 39,3°	21,1° 21,1°								10,9° 10,9°		

Stick 10'

ft	Undercarriage stabilized		10 ft		15 ft		20 ft		25 ft		30 ft		ft in	
	rear	front												
30	-	-										8,0 8,8°	18' 8"	
	Blade	-										8,8° 8,8°		
	Outriggers	Blade										8,8° 8,8°		
	Outriggers	Outriggers										8,8° 8,8°		
25	-	-					7,6 11,0°					5,0 7,5°	24'	
	Blade	-					8,3 11,0°					5,5 7,5°		
	Outriggers	Blade					11,0° 11,0°					7,5° 7,5°		
	Outriggers	Outriggers					11,0° 11,0°					7,5° 7,5°		
20	-	-					7,5 11,6°		4,8 8,3°			3,7 6,8°	27' 5"	
	Blade	-					8,2 11,6°		5,3 10,4°			4,1 6,9°		
	Outriggers	Blade					11,6° 11,6°		9,1 10,4°			6,9° 6,9°		
	Outriggers	Outriggers					11,6° 11,6°		10,4° 10,4°			6,9° 6,9°		
15	-	-			11,4 13,0°		7,3 12,1°		4,9 8,4°			3,0 5,8°	29' 6"	
	Blade	-			12,4 13,0°		8,0 13,4°		5,4 12,3°			3,4 6,8°		
	Outriggers	Blade			13,0° 13,0°		13,1 13,4°		9,2 12,3°			6,4 6,8°		
	Outriggers	Outriggers			13,0° 13,0°		13,4° 13,4°		11,4 12,3°			6,8° 6,8°		
10	-	-	19,4 33,2°	10,6 18,1°			7,0 11,8°		4,9 8,4°		2,8 5,5°	2,6 5,3°	30' 7"	
	Blade	-	21,6 33,2°	11,7 21,9°			7,7 16,6°		5,4 13,7°		3,2 8,6°	3,0 6,9°		
	Outriggers	Blade	33,2° 33,2°	19,5 21,9°			12,7 16,5°		9,1 13,6°		6,1 8,6°	5,8 6,9°		
	Outriggers	Outriggers	33,2° 33,2°	21,9° 21,9°			15,6 16,5°		11,2 13,6°		7,8 8,6°	6,9° 6,9°		
5	-	-	18,3 31,0°	10,2 17,5°			6,8 11,6°		4,6 8,1°		2,7 5,4°	2,4 5,0°	30' 10"	
	Blade	-	20,5 31,0°	11,2 24,8°			7,5 17,9°		5,1 14,2°		3,0 10,0°	2,8 7,2°		
	Outriggers	Blade	31,0° 31,0°	18,9 24,7°			12,5 17,9°		8,8 14,1°		5,9 10,0°	5,5 7,2°		
	Outriggers	Outriggers	31,0° 31,0°	23,6 24,7°			15,3 17,9°		11,1 14,1°		7,7 10,0°	7,2° 7,2°		
0	-	-	18,2 33,5°	10,0 17,4°			6,7 11,6°		4,2 7,7°		2,5 5,2°	2,4 5,1°	30' 2"	
	Blade	-	20,3 34,1°	11,1 25,5°			7,4 18,4°		4,7 14,3°		2,8 8,9°	2,8 7,9°		
	Outriggers	Blade	34,0° 34,0°	18,8 25,3°			12,5 18,2°		8,4 14,2°		5,7 8,9°	5,6 7,9°		
	Outriggers	Outriggers	34,0° 34,0°	23,4 25,3°			15,3 18,2°		10,7 14,2°		7,5 8,9°	7,4 7,9°		
- 5	-	-	17,0 34,2°	9,5 17,2°			6,2 11,1°		3,7 7,2°			2,6 5,5°	28' 8"	
	Blade	-	19,1 39,7°	10,5 25,6°			6,9 18,5°		4,2 14,4°			3,0 9,0°		
	Outriggers	Blade	37,2 39,5°	19,0 25,5°			12,1 18,4°		7,9 14,4°			6,0 9,0°		
	Outriggers	Outriggers	39,5° 39,5°	23,8 25,5°			15,6 18,4°		10,2 14,4°			7,9 9,0°		
- 10	-	-	16,4 33,8°	9,1 16,8°			5,4 10,2°		3,4 6,8°			3,1 6,3°	26' 1"	
	Blade	-	18,5 42,2°	10,1 26,3°			6,1 19,0°		3,9 11,7°			3,5 9,1°		
	Outriggers	Blade	37,8 42,0°	18,4 26,1°			11,2 18,9°		7,5 11,6°			6,9 9,0°		
	Outriggers	Outriggers	42,0° 42,0°	24,5 26,1°			14,6 18,9°		9,8 11,6°			9,0° 9,0°		
- 15	-	-	16,4 33,7°	8,3 15,9°			5,0 9,8°					4,5 8,8°	21' 4"	
	Blade	-	18,4 42,7°	9,3 24,5°			5,7 12,6°					5,1 9,3°		
	Outriggers	Blade	37,6 42,5°	17,4 24,3°			10,7 12,5°					9,1° 9,1°		
	Outriggers	Outriggers	42,5° 42,5°	23,4 24,3°			12,5° 12,5°					9,1° 9,1°		

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

The lift capacities on the load hook of the Liebherr quick coupler SWA 48 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 ($\pm 15^\circ$) are specified over the steering axle with the stabilizers raised and over the rigid axle with the stabilizers down. The values apply when the adjusting cylinder is in the optimal position. Indicated loads based on the ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity, or are limited by the permissible load of the load hook on the quick coupler (max. 26,500 lb). Without the quick coupler, lift capacities will increase by up to 500 lb.

Lift capacities

with two-piece boom 19' (standard counterweight), EW undercarriage

Stick 7'5"

ft	Undercarriage stabilized	10 ft		15 ft		20 ft		25 ft		30 ft		ft in
		rear	front	rear	front	rear	front	rear	front	rear	front	
30	-	-	-	-	-	-	-	-	-	-	-	13,0* 13,0*
	Blade	-	-	-	-	-	-	-	-	-	-	13,0* 13,0*
	Outriggers	Blade	Blade	-	-	-	-	-	-	-	-	13,0* 13,0*
	Outriggers	Outriggers	Outriggers	-	-	-	-	-	-	-	-	13,0* 13,0*
25	-	-	-	-	-	-	-	-	-	-	-	7,4 10,4*
	Blade	-	-	13,4 15,2*	8,0 12,1	-	-	-	-	-	-	8,0 10,4*
	Outriggers	Blade	Blade	14,6 15,2*	8,7 12,3*	-	-	-	-	-	-	10,4* 10,4*
	Outriggers	Outriggers	Outriggers	15,2* 15,2*	12,3* 12,3*	-	-	-	-	-	-	10,4* 10,4*
20	-	-	-	-	-	-	-	-	-	-	-	5,3 8,3
	Blade	-	-	13,2 15,6*	8,4 12,5	-	-	-	-	-	-	5,8 9,6*
	Outriggers	Blade	Blade	14,3 15,6*	9,1 15,5*	-	-	-	-	-	-	9,6* 9,6*
	Outriggers	Outriggers	Outriggers	15,6* 15,6*	14,7 15,5*	-	-	-	-	-	-	9,6* 9,6*
15	-	-	-	-	-	-	-	-	-	-	-	4,3 7,0
	Blade	-	-	23,6 30,3*	12,6 18,9	8,2 12,3	5,2 8,2	-	-	-	-	4,8 9,3*
	Outriggers	Blade	Blade	26,0 30,3*	13,7 20,7*	8,9 16,5*	5,7 14,1*	-	-	-	-	8,5 9,3*
	Outriggers	Outriggers	Outriggers	30,3* 30,3*	20,7* 20,7*	14,4 16,5*	9,9 14,0*	-	-	-	-	9,3* 9,3*
10	-	-	-	-	-	-	-	-	-	-	-	3,8 6,3
	Blade	-	-	22,0 31,0*	12,0 18,2	8,0 12,0	5,2 8,1	-	-	-	-	4,2 9,5*
	Outriggers	Blade	Blade	24,3 31,0*	13,1 24,1*	8,7 17,8*	5,7 14,5*	-	-	-	-	7,7 9,5*
	Outriggers	Outriggers	Outriggers	31,0* 31,0*	21,6 24,0*	14,1 17,8*	9,8 14,4*	-	-	-	-	9,5* 9,5*
5	-	-	-	-	-	-	-	-	-	-	-	3,6 6,0
	Blade	-	-	21,4 31,4*	11,8 17,9	8,0 12,0	4,9 7,9	-	-	-	-	4,0 10,1*
	Outriggers	Blade	Blade	23,7 31,4*	12,8 25,9*	8,7 18,7*	5,4 14,6*	-	-	-	-	7,4 10,1*
	Outriggers	Outriggers	Outriggers	31,4* 31,4*	21,2 25,8*	14,0 18,6*	9,6 14,6*	-	-	-	-	9,6 10,1*
0	-	-	-	-	-	-	-	-	-	-	-	3,6 6,1
	Blade	-	-	20,8 34,7	11,5 18,0	7,5 11,7	4,6 7,5	-	-	-	-	4,0 11,2*
	Outriggers	Blade	Blade	23,1 37,0*	12,6 26,0*	8,2 18,8*	5,1 14,8*	-	-	-	-	7,5 11,2*
	Outriggers	Outriggers	Outriggers	36,9* 36,9*	21,3 25,8*	14,1 18,7*	9,2 14,7*	-	-	-	-	9,8 11,2*
- 5	-	-	-	-	-	-	-	-	-	-	-	3,9 6,7
	Blade	-	-	19,8 34,8	10,9 17,4	6,7 10,8	4,3 7,2	-	-	-	-	4,4 11,1*
	Outriggers	Blade	Blade	22,1 42,3*	11,9 26,3*	7,4 19,1*	4,8 13,2*	-	-	-	-	8,2 11,0*
	Outriggers	Outriggers	Outriggers	42,1* 42,1*	21,5 26,2*	13,2 19,0*	8,8 13,1*	-	-	-	-	10,7 11,0*
- 10	-	-	-	-	-	-	-	-	-	-	-	4,8 8,0
	Blade	-	-	19,6 34,6	10,2 16,7	6,2 10,2	-	-	-	-	-	5,4 9,5*
	Outriggers	Blade	Blade	21,9 43,6*	11,3 27,2*	6,9 17,1*	-	-	-	-	-	9,3* 9,3*
	Outriggers	Outriggers	Outriggers	43,4* 43,4*	20,7 27,1*	12,5 17,0*	-	-	-	-	-	9,3* 9,3*
- 15	-	-	-	-	-	-	-	-	-	-	-	9,1 14,3*
	Blade	-	-	19,0 33,9	9,7 16,2	-	-	-	-	-	-	10,1 14,3*
	Outriggers	Blade	Blade	21,3 33,9*	10,8 16,2*	-	-	-	-	-	-	14,1* 14,1*
	Outriggers	Outriggers	Outriggers	33,6* 33,6*	16,0* 16,0*	-	-	-	-	-	-	14,1* 14,1*

Stick 8'

ft	Undercarriage stabilized	10 ft		15 ft		20 ft		25 ft		30 ft		ft in
		rear	front	rear	front	rear	front	rear	front	rear	front	
30	-	-	-	-	-	-	-	-	-	-	-	11,7* 11,7*
	Blade	-	-	12,6* 12,6*	8,8 12,5*	-	-	-	-	-	-	11,7* 11,7*
	Outriggers	Blade	Blade	12,6* 12,6*	9,8* 9,8*	-	-	-	-	-	-	11,7* 11,7*
	Outriggers	Outriggers	Outriggers	12,6* 12,6*	12,5* 12,5*	-	-	-	-	-	-	11,7* 11,7*
25	-	-	-	-	-	-	-	-	-	-	-	6,8 9,6*
	Blade	-	-	-	8,1 12,3	-	-	-	-	-	-	7,5 9,6*
	Outriggers	Blade	Blade	-	8,8 12,5*	-	-	-	-	-	-	9,6* 9,6*
	Outriggers	Outriggers	Outriggers	-	12,5* 12,5*	-	-	-	-	-	-	9,6* 9,6*
20	-	-	-	-	-	-	-	-	-	-	-	5,0 7,9
	Blade	-	-	13,2 14,1*	8,4 12,5	5,1 8,1	-	-	-	-	-	5,5 8,8*
	Outriggers	Blade	Blade	14,1* 14,1*	9,1 14,5*	5,7 9,8*	-	-	-	-	-	8,8* 8,8*
	Outriggers	Outriggers	Outriggers	14,1* 14,1*	14,5* 14,5*	9,8* 9,8*	-	-	-	-	-	8,8* 8,8*
15	-	-	-	-	-	-	-	-	-	-	-	4,1 6,6
	Blade	-	-	21,8* 21,8*	12,6 18,8	8,2 12,2	5,3 8,3	-	-	-	-	4,5 8,6*
	Outriggers	Blade	Blade	21,8* 21,8*	13,7 18,9*	8,9 16,1*	5,8 13,8*	-	-	-	-	8,1 8,6*
	Outriggers	Outriggers	Outriggers	21,8* 21,8*	18,9* 18,9*	14,4 16,1*	10,0 13,8*	-	-	-	-	8,6* 8,6*
10	-	-	-	-	-	-	-	-	-	-	-	3,6 6,0
	Blade	-	-	22,0 31,6*	12,0 18,2	8,0 12,0	5,2 8,2	-	-	-	-	4,0 8,7*
	Outriggers	Blade	Blade	24,4 31,6*	13,1 23,6*	8,7 17,5*	5,7 14,3*	-	-	-	-	7,4 8,7*
	Outriggers	Outriggers	Outriggers	31,6* 31,6*	21,6 23,5*	14,1 17,5*	9,9 14,2*	-	-	-	-	8,7* 8,7*
5	-	-	-	-	-	-	-	-	-	-	-	3,4 5,8
	Blade	-	-	21,3 31,1*	11,7 17,8	7,9 11,9	5,0 7,9	-	-	-	-	3,8 9,2*
	Outriggers	Blade	Blade	23,6 31,1*	12,8 25,7*	8,6 18,5*	5,5 14,5*	-	-	-	-	7,1 9,2*
	Outriggers	Outriggers	Outriggers	31,0* 31,0*	21,1 25,6*	13,9 18,4*	9,7 14,5*	-	-	-	-	9,2* 9,2*
0	-	-	-	-	-	-	-	-	-	-	-	3,4 5,8
	Blade	-	-	20,9 34,4	11,5 17,9	7,5 11,7	4,6 7,6	-	-	-	-	3,8 10,1*
	Outriggers	Blade	Blade	23,2 36,1*	12,6 25,8*	8,2 18,7*	5,1 14,6*	-	-	-	-	7,2 10,1*
	Outriggers	Outriggers	Outriggers	36,0* 36,0*	21,2 25,7*	14,1 18,5*	9,2 14,5*	-	-	-	-	9,4 10,1*
- 5	-	-	-	-	-	-	-	-	-	-	-	3,7 6,4
	Blade	-	-	19,7 34,8	10,8 17,4	6,8 10,9	4,3 7,2	-	-	-	-	4,2 10,8*
	Outriggers	Blade	Blade	22,0 41,7*	11,9 26,1*	7,5 18,9*	4,8 13,9*	-	-	-	-	7,8 10,7*
	Outriggers	Outriggers	Outriggers	41,6* 41,6*	21,5 26,0*	13,3 18,8*	8,8 13,8*	-	-	-	-	10,2 10,7*
- 10	-	-	-	-	-	-	-	-	-	-	-	4,5 7,6
	Blade	-	-	19,4 34,4	10,3 16,9	6,2 10,2	-	-	-	-	-	5,0 9,3*
	Outriggers	Blade	Blade	21,7 43,2*	11,4 27,2*	6,9 18,0*	-	-	-	-	-	9,2* 9,2*
	Outriggers	Outriggers	Outriggers	42,9* 42,9*	20,8 27,0*	12,5 17,9*	-	-	-	-	-	9,2* 9,2*
- 15	-	-	-	-	-	-	-	-	-	-	-	7,6 12,4*
	Blade	-	-	19,0 33,8	9,7 16,1	-	-	-	-	-	-	8,5 12,4*
	Outriggers	Blade	Blade	21,2 37,1*	10,7 19,0*	-	-	-	-	-	-	12,2* 12,2*
	Outriggers	Outriggers	Outriggers	36,8* 36,8*	18,8* 18,8*	-	-	-	-	-	-	12,2* 12,2*

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

The lift capacities on the load hook of the Liebherr quick coupler SWA 48 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 ($\pm 15^\circ$) are specified over the steering axle with the stabilizers raised and over the rigid axle with the stabilizers down. The values apply when the adjusting cylinder is in the optimal position. Indicated loads based on the ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity, or are limited by the permissible load of the load hook on the quick coupler (max. 26,500 lb). Without the quick coupler, lift capacities will increase by up to 500 lb.

Stick 8'8"

ft	Undercarriage stabilized		10 ft		15 ft		20 ft		25 ft		30 ft		ft in	
	rear	front												
30	-	-			12.9°	12.9°							10.6°	10.6°
	Blade	-			12.9°	12.9°							10.6°	10.6°
	Outriggers	Blade			12.9°	12.9°							10.6°	10.6°
	Outriggers	Outriggers			12.9°	12.9°							10.6°	10.6°
25	-	-					8.3	12.2°					6.4	8.8°
	Blade	-					9.0	12.2°					7.0	8.8°
	Outriggers	Blade					12.2°	12.2°					8.8°	8.8°
	Outriggers	Outriggers					12.2°	12.2°					8.8°	8.8°
20	-	-			12.7°	12.7°			5.2	8.2			4.7	7.5°
	Blade	-			12.7°	12.7°	9.1	13.4°	5.8	10.6°			5.2	8.1°
	Outriggers	Blade			12.7°	12.7°	13.4°	13.4°	9.9	10.6°			8.1°	8.1°
	Outriggers	Outriggers			12.7°	12.7°	13.4°	13.4°	10.6°	10.6°			8.1°	8.1°
15	-	-	16.1°	16.1°	12.6	16.4°	8.2	12.2°	5.4	8.4			3.8	6.3°
	Blade	-	16.1°	16.1°	13.7	16.4°	8.9	15.7°	5.9	13.5°			4.3	7.9°
	Outriggers	Blade	16.1°	16.1°	16.4°	16.4°	14.4	15.7°	10.0	13.5°			7.7	7.9°
	Outriggers	Outriggers	16.1°	16.1°	16.4°	16.4°	15.7°	15.7°	12.6	13.5°			7.9°	7.9°
10	-	-	22.0	32.4°	12.0	18.2°	7.9	11.9°	5.3	8.3			3.4	5.7°
	Blade	-	24.4	32.4°	13.1	23.0°	8.6	17.2°	5.8	14.1°			3.8	8.0°
	Outriggers	Blade	32.3°	32.3°	21.5	23.0°	14.0	17.1°	10.0	14.0°			7.1	8.0°
	Outriggers	Outriggers	32.3°	32.3°	23.0°	23.0°	17.1°	17.1°	12.5	14.0°			8.0°	8.0°
5	-	-	21.2	30.8°	11.6	17.7°	7.8	11.8°	5.1	8.0			3.2	5.5°
	Blade	-	23.5	30.8°	12.7	25.4°	8.5	18.3°	5.6	14.4°			3.6	8.4°
	Outriggers	Blade	30.8°	30.8°	21.0	25.3°	13.8	18.2°	9.7	14.3°			6.8	8.4°
	Outriggers	Outriggers	30.8°	30.8°	25.3°	25.3°	17.0	18.2°	12.3	14.3°			8.4°	8.4°
0	-	-	21.0	34.1°	11.5	17.7°	7.5	11.7°	4.7	7.6			3.2	5.6°
	Blade	-	23.4	35.2°	12.6	25.7°	8.2	18.5°	5.2	14.5°			3.6	9.2°
	Outriggers	Blade	35.2°	35.2°	21.0	25.5°	13.9	18.4°	9.3	14.4°			6.9	9.2°
	Outriggers	Outriggers	35.2°	35.2°	25.5°	25.5°	17.0	18.4°	12.0	14.4°			9.0	9.2°
- 5	-	-	19.7	34.8°	10.8	17.4°	6.9	11.0°	4.3	7.2			3.5	6.0°
	Blade	-	22.0	41.1°	11.9	25.9°	7.6	18.7°	4.8	14.2°			3.9	10.5°
	Outriggers	Blade	40.9°	40.9°	21.5	25.8°	13.4	18.6°	8.8	14.1°			7.4	10.4°
	Outriggers	Outriggers	40.9°	40.9°	25.8°	25.8°	17.3	18.6°	11.5	14.1°			9.8	10.4°
-10	-	-	19.3	34.3°	10.4	17.0°	6.2	10.2°					4.2	7.1°
	Blade	-	21.6	42.8°	11.5	26.8°	6.9	18.6°					4.7	9.2°
	Outriggers	Blade	42.6°	42.6°	21.0	26.6°	12.5	18.5°					8.7	9.1°
	Outriggers	Outriggers	42.6°	42.6°	26.6°	26.6°	16.5	18.5°					9.1°	9.1°
-15	-	-	19.0	33.9°	9.6	16.1°							6.6	11.0°
	Blade	-	21.2	39.6°	10.7	21.3°							7.4	11.1°
	Outriggers	Blade	39.3°	39.3°	19.9	21.1°							10.9°	10.9°
	Outriggers	Outriggers	39.3°	39.3°	21.1°	21.1°							10.9°	10.9°

Stick 10'

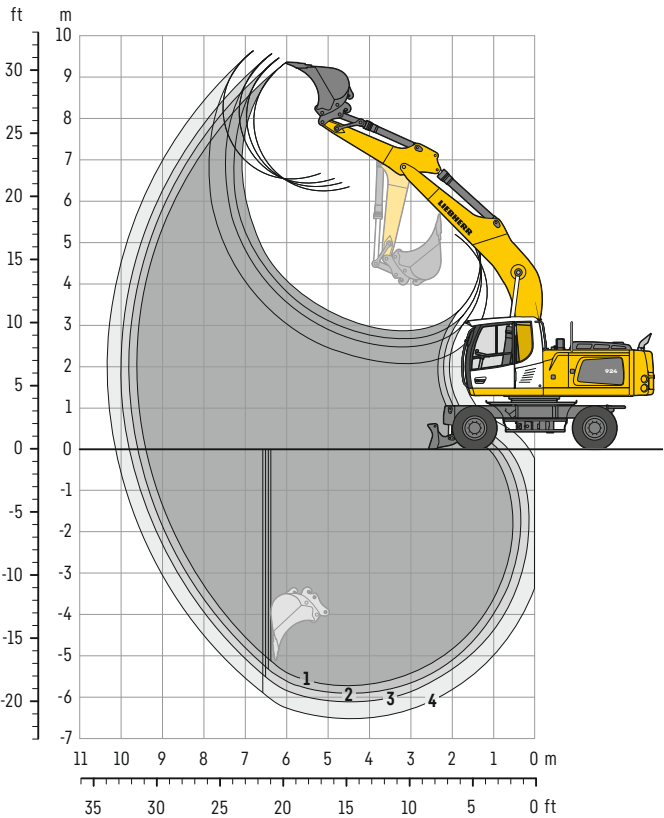
ft	Undercarriage stabilized		10 ft		15 ft		20 ft		25 ft		30 ft		ft in	
	rear	front												
30	-	-											8.8°	8.8°
	Blade	-											8.8°	8.8°
	Outriggers	Blade											8.8°	8.8°
	Outriggers	Outriggers											8.8°	8.8°
25	-	-					8.5	11.0°					5.7	7.5°
	Blade	-					9.2	11.0°					6.2	7.5°
	Outriggers	Blade					11.0°	11.0°					7.5°	7.5°
	Outriggers	Outriggers					11.0°	11.0°					7.5°	7.5°
20	-	-					8.4	11.6°	5.5	8.4			4.3	6.9°
	Blade	-					9.1	11.6°	6.0	10.4°			4.7	6.9°
	Outriggers	Blade					11.6°	11.6°	10.1	10.4°			6.9°	6.9°
	Outriggers	Outriggers					11.6°	11.6°	10.4°	10.4°			6.9°	6.9°
15	-	-			12.7	13.0°	8.2	12.2°	5.6	8.5			3.5	5.9°
	Blade	-			13.0°	13.0°	8.9	13.4°	6.1	12.3°			3.9	6.8°
	Outriggers	Blade			13.0°	13.0°	13.4°	13.4°	10.2	12.3°			6.8°	6.8°
	Outriggers	Outriggers			13.0°	13.0°	13.4°	13.4°	12.3°	12.3°			6.8°	6.8°
10	-	-	22.3	33.2°	12.0	18.2°	7.9	11.9°	5.5	8.4	3.3	5.6°	3.1	5.3°
	Blade	-	24.7	33.2°	13.1	21.9°	8.6	16.6°	6.0	13.7°	3.7	8.6°	3.5	6.9°
	Outriggers	Blade	33.2°	33.2°	21.6	21.9°	14.0	16.5°	10.1	13.6°	6.9	8.6°	6.6	6.9°
	Outriggers	Outriggers	33.2°	33.2°	21.9°	21.9°	16.5°	16.5°	12.4	13.6°	8.6°	8.6°	6.9°	6.9°
5	-	-	21.1	31.0°	11.5	17.6°	7.7	11.6°	5.2	8.2	3.2	5.4°	2.9	5.1°
	Blade	-	23.5	31.0°	12.6	24.8°	8.4	17.9°	5.7	14.2°	3.5	10.0°	3.3	7.2°
	Outriggers	Blade	31.0°	31.0°	20.9	24.7°	13.7	17.9°	9.9	14.1°	6.7	10.0°	6.3	7.2°
	Outriggers	Outriggers	31.0°	31.0°	24.7°	24.7°	16.9	17.9°	12.3	14.1°	8.7	10.0°	7.2°	7.2°
0	-	-	20.9	33.8°	11.4	17.5°	7.5	11.7°	4.8	7.8	3.0	5.2°	2.9	5.2°
	Blade	-	23.3	34.1°	12.5	25.5°	8.3	18.4°	5.3	14.3°	3.3	8.9°	3.3	7.9°
	Outriggers	Blade	34.0°	34.0°	20.8	25.3°	13.7	18.2°	9.5	14.2°	6.5	8.9°	6.4	7.9°
	Outriggers	Outriggers	34.0°	34.0°	25.3°	25.3°	16.8	18.2°	12.1	14.2°	8.5	8.9°	7.9°	7.9°
- 5	-	-	19.8	34.5°	10.8	17.4°	7.1	11.2°	4.3	7.3			3.1	5.5°
	Blade	-	22.0	39.7°	11.9	25.6°	7.8	18.5°	4.8	14.4°			3.5	9.0°
	Outriggers	Blade	39.5°	39.5°	21.2	25.5°	13.7	18.4°	8.9	14.4°			6.9	9.0°
	Outriggers	Outriggers	39.5°	39.5°	25.5°	25.5°	17.1	18.4°	11.6	14.4°			9.0	9.0°
-10	-	-	19.1	34.1°	10.4	16.9°	6.3	10.3°	4.0	6.9°			3.7	6.4°
	Blade	-	21.4	42.2°	11.4	26.3°	6.9	19.0°	4.5	11.7°			4.1	9.1°
	Outriggers	Blade	42.0°	42.0°	21.0	26.1°	12.7	18.9°	8.5	11.6°			7.9	9.0°
	Outriggers	Outriggers	42.0°	42.0°	26.1°	26.1°	16.6	18.9°	11.2	11.6°			9.0°	9.0°
-15	-	-	19.1	34.0°	9.6	16.0°	5.9	9.9°					5.3	8.9°
	Blade	-	21.3	42.7°	10.6	24.5°	6.5	12.6°					5.9	9.3°
	Outriggers	Blade	42.5°	42.5°	19.9	24.3°	12.2	12.5°					9.1°	9.1°
	Outriggers	Outriggers	42.5°	42.5°	24.3°	24.3°	12.5°	12.5°					9.1°	9.1°

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

The lift capacities on the load hook of the Liebherr quick coupler SWA 48 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 when the adjusting cylinder is in the optimal position. Indicated loads based on the ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity, or are limited by the permissible load of the load hook on the quick coupler (max. 26,500 lb). Without the quick coupler, lift capacities will increase by up to 500 lb.

Backhoe bucket

with mono boom 18'6" (heavy counterweight)



Digging envelope

with quick coupler		1	2	3	4
Stick length	ft in	7' 5"	8'	8'8"	10'
Max. digging depth	ft in	18' 8"	19'4"	20'	21'4"
Max. reach at ground level	ft in	30'10"	31'6"	32'2"	33'4"
Max. dumping height	ft in	20'10"	21'2"	21'6"	22'
Max. teeth height	ft in	30' 8"	31'	31'4"	31'8"
Min. equipment radius	ft in	12'10"	12'2"	11'4"	10'4"

Digging forces

without quick coupler		1	2	3	4
Max. digging force (ISO 6015)	lbf	28,528	26,797	25,269	22,728
	lb	28,400	26,900	25,400	22,700
Max. breakout force (ISO 6015)	lbf	31,608	31,608	31,608	31,608
	lb	31,500	31,500	31,500	31,500

Max. breakout force with ripper bucket 41,815 lbf (41,900 lb)

Operating weight

The operating weight includes the basic machine with 8 tires plus intermediate rings, mono boom 18'6", stick 8', quick coupler SWA 48 and bucket 4'1" / 1.50 yd³.

Undercarriage versions	Weight (lb)
A 924 Litronic with rear blade	51,400
A 924 Litronic with rear blade + front outriggers	55,300
A 924 Litronic with rear outriggers + front blade	54,900
A 924 Litronic with rear + front outriggers	55,600
A 924 EW Litronic with rear blade	51,600
A 924 EW Litronic with rear blade + front outriggers	56,200
A 924 EW Litronic with rear outriggers + front blade	55,800
A 924 EW Litronic with rear + front outriggers	56,900

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

Cutting width ft in	Capacity ISO 7451 ¹⁾ yd ³	Weight lb	Stabilizers raised				Rear blade down				Rear blade + front outriggers down				Rear outriggers + front blade down				Rear + front outriggers down			
			Stick length (ft in)				Stick length (ft in)				Stick length (ft in)				Stick length (ft in)				Stick length (ft in)			
			7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'
2' 9" ²⁾	0.98	1,433	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3' 5" ²⁾	1.24	1,587	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 1" ²⁾	1.50	1,786	■	■	■	△	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 7" ²⁾	1.77	1,940	△	△	△	-	■	■	△	△	■	■	■	■	■	■	■	■	■	■	■	■
4' 11" ²⁾	1.90	1,962	△	△	-	-	■	△	△	△	■	■	■	■	■	■	■	■	■	■	■	■
2' 9" ³⁾	0.98	1,521	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3' 5" ³⁾	1.24	1,764	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 1" ³⁾	1.50	2,006	■	■	△	△	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 7" ³⁾	1.77	2,116	△	△	△	-	■	△	△	△	■	■	■	■	■	■	■	■	■	■	■	■
4' 11" ³⁾	1.90	2,205	△	△	-	-	△	△	△	-	■	■	■	■	■	■	■	■	■	■	■	■
2' 9" ⁴⁾	1.05	1,389	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3' 5" ⁴⁾	1.37	1,587	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 1" ⁴⁾	1.70	1,764	■	△	△	△	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 7" ⁴⁾	1.96	1,918	△	△	-	-	△	△	△	-	■	■	■	■	■	■	■	■	■	■	■	■
4' 11" ⁴⁾	2.16	1,962	-	-	-	-	△	△	-	-	■	■	■	■	■	■	■	■	■	■	■	■

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

Cutting width ft in	Capacity ISO 7451 ¹⁾ yd ³	Weight lb	EW Stabilizers raised				EW Rear blade down				EW Rear blade + front outriggers down				EW Rear outriggers + front blade down				EW Rear + front outriggers down			
			Stick length (ft in)				Stick length (ft in)				Stick length (ft in)				Stick length (ft in)				Stick length (ft in)			
			7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'
2' 9" ²⁾	0.98	1,433	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3' 5" ²⁾	1.24	1,587	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 1" ²⁾	1.50	1,786	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 7" ²⁾	1.77	1,940	■	■	△	△	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 11" ²⁾	1.90	1,962	■	△	△	△	■	■	■	△	■	■	■	■	■	■	■	■	■	■	■	■
2' 9" ³⁾	0.98	1,521	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3' 5" ³⁾	1.24	1,764	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 1" ³⁾	1.50	2,006	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 7" ³⁾	1.77	2,116	■	■	△	△	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 11" ³⁾	1.90	2,205	△	△	△	-	■	■	△	△	■	■	■	■	■	■	■	■	■	■	■	■
2' 9" ⁴⁾	1.05	1,389	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3' 5" ⁴⁾	1.37	1,587	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 1" ⁴⁾	1.70	1,764	■	■	■	△	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 7" ⁴⁾	1.96	1,918	△	△	△	△	■	■	■	△	■	■	■	■	■	■	■	■	■	■	■	■
4' 11" ⁴⁾	2.16	1,962	△	△	△	-	■	△	△	△	■	■	■	■	■	■	■	■	■	■	■	■

* Indicated loads are based on ISO 10567 and do not exceed 75% of tipping or 87% of hydraulic capacity, max. stick length without quick coupler, lifted 360° on firm with blocked oscillating axle

¹⁾ comparable with SAE (heaped)

²⁾ Bucket with teeth ³⁾ Bucket with teeth in HD version ⁴⁾ Bucket with cutting edge (also available in HD version)

Max. material weight ■ = ≤ 3,034 lb/yd³, ■ = ≤ 2,528 lb/yd³, △ = ≤ 2,023 lb/yd³, - = not authorized

Lift capacities

with mono boom 18'6" (heavy counterweight)

Stick 7'5"

ft	Undercarriage stabilized		10 ft		15 ft		20 ft		25 ft		30 ft		ft in	
	rear	front												
25	-	-											9,9* 9,9*	19' 2"
	Blade	-											9,9* 9,9*	
	Blade	Outriggers											9,9* 9,9*	
	Outriggers	Blade											9,9* 9,9*	
	Outriggers	Outriggers											9,9* 9,9*	
20	-	-					9,6 14,1*						7,4 9,3*	23' 1"
	Blade	-					10,4 14,1*						8,0 9,3*	
	Blade	Outriggers					14,1* 14,1*						9,3* 9,3*	
	Outriggers	Blade					14,1* 14,1*						9,3* 9,3*	
	Outriggers	Outriggers					14,1* 14,1*						9,3* 9,3*	
15	-	-					9,2 14,6	6,3 10,2					6,1 9,3*	25' 6"
	Blade	-					9,9 15,4*	6,9 10,9*					6,6 9,3*	
	Blade	Outriggers					15,4* 15,4*	10,9* 10,9*					9,3* 9,3*	
	Outriggers	Blade					15,4* 15,4*	10,9 10,9*					9,3* 9,3*	
	Outriggers	Outriggers					15,4* 15,4*	10,9* 10,9*					9,3* 9,3*	
10	-	-			12,8 21,5		8,5 13,9	6,0 9,9					5,4 8,9	26' 8"
	Blade	-			13,9 22,9*		9,3 17,6*	6,6 15,1*					5,9 9,7*	
	Blade	Outriggers			22,8* 22,8*		15,0 17,5*	10,7 15,0*					9,6 9,7*	
	Outriggers	Blade			22,8* 22,8*		14,9 17,5*	10,6 15,0*					9,6 9,7*	
	Outriggers	Outriggers			22,8* 22,8*		17,5* 17,5*	13,2 15,0*					9,7* 9,7*	
5	-	-			11,6 20,1		7,9 13,2	5,7 9,6					5,1 8,6	26'11"
	Blade	-			12,7 27,1*		8,6 19,7*	6,3 16,0*					5,6 10,6*	
	Blade	Outriggers			21,9 26,9*		14,3 19,5*	10,3 15,9*					9,3 10,6*	
	Outriggers	Blade			21,7 26,9*		14,2 19,5*	10,3 15,9*					9,2 10,6*	
	Outriggers	Outriggers			26,9* 26,9*		18,0 19,5*	12,9 15,9*					10,6* 10,6*	
0	-	-	13,9* 13,9*		10,9 19,4		7,5 12,8	5,5 9,3					5,2 8,8	26' 1"
	Blade	-	13,9* 13,9*		12,1 28,8*		8,2 20,9*	6,1 16,5*					5,7 12,3*	
	Blade	Outriggers	13,9* 13,9*		21,1 28,6*		13,8 20,8*	10,1 16,4*					9,5 12,3*	
	Outriggers	Blade	13,9* 13,9*		20,9 28,6*		13,7 20,8*	10,0 16,4*					9,5 12,3*	
	Outriggers	Outriggers	13,9* 13,9*		27,5 28,6*		17,5 20,8*	12,6 16,4*					11,9 12,3*	
- 5	-	-	19,7 24,8*		10,8 19,2		7,3 12,6						5,7 9,7	24' 2"
	Blade	-	22,0 24,8*		11,9 28,2*		8,1 20,8*						6,3 15,6*	
	Blade	Outriggers	24,8* 24,8*		20,9 28,0*		13,6 20,6*						10,5 15,6*	
	Outriggers	Blade	24,8* 24,8*		20,7 28,0*		13,5 20,6*						10,4 15,6*	
	Outriggers	Outriggers	24,8* 24,8*		27,3 28,0*		17,3 20,6*						13,1 15,6*	
- 10	-	-	20,2 35,2*		11,0 19,4		7,5 12,8						7,0 11,9	21'
	Blade	-	22,5 35,2*		12,1 25,2*		8,2 18,4*						7,7 17,1*	
	Blade	Outriggers	34,9* 34,9*		21,1 25,0*		13,8 18,3*						12,9 17,0*	
	Outriggers	Blade	34,9* 34,9*		21,0 25,0*		13,7 18,3*						12,8 17,0*	
	Outriggers	Outriggers	34,9* 34,9*		25,0* 25,0*		17,5 18,3*						16,2 17,0*	
- 15	-	-												
	Blade	-												
	Blade	Outriggers												
	Outriggers	Blade												
	Outriggers	Outriggers												

Stick 8'

ft	Undercarriage stabilized		10 ft		15 ft		20 ft		25 ft		30 ft		ft in	
	rear	front												
25	-	-					9,2* 9,2*						9,1* 9,1*	20' 1"
	Blade	-					9,2* 9,2*						9,1* 9,1*	
	Blade	Outriggers					9,2* 9,2*						9,1* 9,1*	
	Outriggers	Blade					9,2* 9,2*						9,1* 9,1*	
	Outriggers	Outriggers					9,2* 9,2*						9,1* 9,1*	
20	-	-					9,6 13,5*						7,0 8,5*	23'10"
	Blade	-					10,4 13,5*						7,6 8,5*	
	Blade	Outriggers					13,5* 13,5*						8,5* 8,5*	
	Outriggers	Blade					13,5* 13,5*						8,5* 8,5*	
	Outriggers	Outriggers					13,5* 13,5*						8,5* 8,5*	
15	-	-					9,2 14,7	6,3 10,2					5,8 8,5*	26' 1"
	Blade	-					9,9 14,9*	6,9 11,7*					6,3 8,5*	
	Blade	Outriggers					14,9* 14,9*	11,0 11,7*					8,5* 8,5*	
	Outriggers	Blade					14,9* 14,9*	10,9 11,7*					8,5* 8,5*	
	Outriggers	Outriggers					14,9* 14,9*	11,7* 11,7*					8,5* 8,5*	
10	-	-	18,1* 18,1*	12,9 21,6	8,5 13,9	6,0 9,9							5,2 8,6	27' 4"
	Blade	-	18,1* 18,1*	14,0 22,2*	9,3 17,1*	6,6 14,7*							5,7 8,9*	
	Blade	Outriggers	18,1* 18,1*	22,1* 22,1*	15,1 17,0*	10,7 14,7*							8,9* 8,9*	
	Outriggers	Blade	18,1* 18,1*	22,1* 22,1*	15,0 17,0*	10,6 14,7*							8,9* 8,9*	
	Outriggers	Outriggers	18,1* 18,1*	22,1* 22,1*	17,0* 17,0*	13,2 14,7*							8,9* 8,9*	
5	-	-			11,6 20,1		7,9 13,2	5,7 9,5					4,9 8,3	27' 6"
	Blade	-			12,7 26,5*		8,6 19,3*	6,2 15,8*					5,4 9,7*	
	Blade	Outriggers			21,9 26,4*		14,3 19,2*	10,3 15,7*					8,9 9,7*	
	Outriggers	Blade			21,7 26,4*		14,2 19,2*	10,2 15,7*					8,9 9,7*	
	Outriggers	Outriggers			26,4* 26,4*		18,0 19,2*	12,8 15,7*					9,7* 9,7*	
0	-	-	14,3* 14,3*	10,9 19,3	7,4 12,7	5,5 9,3							5,0 8,4	26' 8"
	Blade	-	14,3* 14,3*	12,0 28,5*	8,1 20,7*	6,0 16,4*							5,5 11,1*	
	Blade	Outriggers	14,3* 14,3*	21,0 28,3*	13,8 20,5*	10,0 16,3*							9,1 11,1*	
	Outriggers	Blade	14,3* 14,3*	20,9 28,3*	13,7 20,5*	10,0 16,3*							9,1 11,1*	
	Outriggers	Outriggers	14,3* 14,3*	27,5 28,3*	17,4 20,5*	12,6 16,3*							11,1* 11,1*	
- 5	-	-	19,4 23,8*	10,7 19,1	7,2 12,5								5,4 9,2	24'11"
	Blade	-	21,7 23,8*	11,8 28,2*	8,0 20,8*								5,9 13,8*	
	Blade	Outriggers	23,8* 23,8*	20,8 28,0*	13,5 20,6*								10,0 13,8*	
	Outriggers	Blade	23,8* 23,8*	20,6 28,0*	13,4 20,6*								9,9 13,8*	
	Outriggers	Outriggers	23,8* 23,8*	27,2 28,0*	17,2 20,6*								12,5 13,8*	
- 10	-	-	19,9 36,3*	10,8 19,2	7,3 12,6								6,6 11,2	21'11"
	Blade	-	22,2 36,3*	11,9 25,7*	8,1 18,8*								7,2 16,6*	
	Blade	Outriggers	36,0* 36,0*	21,0 25,5*	13,7 18,7*								12,1 16,5*	
	Outriggers	Blade	36,0* 36,0*	20,8 25,5*	13,6 18,7*								12,0 16,5*	
	Outriggers	Outriggers	36,0* 36,0*	25,5* 25,5*	17,3 18,7*								15,3 16,5*	
- 15	-	-			11,4 19,3*								9,9 16,7*	16' 8"
	Blade	-			12,6 19,3*								10,8 16,7*	
	Blade	Outriggers			19,1* 19,1*								16,6* 16,6*	
	Outriggers	Blade			19,1* 19,1*								16,6* 16,6*	
	Outriggers	Outriggers			19,1* 19,1*								16,6* 16,6*	

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

The lift capacities on the load hook of the Liebherr quick coupler SWA 48 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 ($\pm 15^\circ$) 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, or are limited by the permissible load of the load hook on the quick coupler (max. 26,500 lb). Without the quick coupler, lift capacities will increase by up to 500 lb.

Stick 8'8"

ft	Undercarriage stabilized		10 ft		15 ft		20 ft		25 ft		30 ft		ft in	
	rear	front												
25	-	-											8,4* 8,4*	20'11"
	Blade	-											8,4* 8,4*	
	Blade	Outriggers											8,4* 8,4*	
	Outriggers	Blade											8,4* 8,4*	
	Outriggers	Outriggers											8,4* 8,4*	
20	-	-											6,7 7,9*	24' 7"
	Blade	-											7,2 7,9*	
	Blade	Outriggers											7,9* 7,9*	
	Outriggers	Blade											7,9* 7,9*	
	Outriggers	Outriggers											7,9* 7,9*	
15	-	-					9,2 14,4*	6,3 10,2					5,5 7,8*	26'10"
	Blade	-					10,0 14,4*	6,9 11,9*					6,0 7,8*	
	Blade	Outriggers					14,4* 14,4*	11,0 11,9*					7,8* 7,8*	
	Outriggers	Blade					14,4* 14,4*	11,0 11,9*					7,8* 7,8*	
	Outriggers	Outriggers					14,4* 14,4*	11,9* 11,9*					7,8* 7,8*	
10	-	-	22,7 27,2*	13,0 21,4*			8,5 14,0	6,0 9,9					4,9 8,1*	27'11"
	Blade	-	25,1 27,2*	14,1 21,4*			9,3 16,6*	6,5 14,4*					5,4 8,1*	
	Blade	Outriggers	27,2* 27,2*	21,3* 21,3*			15,1 16,6*	10,7 14,3*					8,1* 8,1*	
	Outriggers	Blade	27,2* 27,2*	21,3* 21,3*			15,0 16,6*	10,6 14,3*					8,1* 8,1*	
	Outriggers	Outriggers	27,2* 27,2*	21,3* 21,3*			16,6* 16,6*	13,2 14,3*					8,1* 8,1*	
5	-	-		11,6 20,1	7,9 13,2	5,7 9,5							4,7 8,0	28' 1"
	Blade	-		12,7 25,9*	8,6 18,9*	6,2 15,5*							5,1 8,8*	
	Blade	Outriggers		22,0 25,8*	14,3 18,8*	10,3 15,4*							8,6 8,8*	
	Outriggers	Blade		21,8 25,8*	14,2 18,8*	10,2 15,4*							8,5 8,8*	
	Outriggers	Outriggers		25,8* 25,8*	18,0 18,8*	12,8 15,4*							8,8* 8,8*	
0	-	-	14,6* 14,6*	10,8 19,2	7,4 12,7	5,4 9,2							4,7 8,1	27' 5"
	Blade	-	14,6* 14,6*	11,9 28,3*	8,1 20,4*	5,9 16,2*							5,2 10,0*	
	Blade	Outriggers	14,6* 14,6*	21,0 28,1*	13,7 20,3*	10,0 16,1*							8,8 10,0*	
	Outriggers	Blade	14,6* 14,6*	20,8 28,1*	13,6 20,3*	9,9 16,1*							8,7 10,0*	
	Outriggers	Outriggers	14,6* 14,6*	27,4 28,1*	17,4 20,3*	12,5 16,1*							10,0* 10,0*	
- 5	-	-	19,2 22,9*	10,5 18,9	7,1 12,4	5,3 9,1							5,1 8,8	25' 7"
	Blade	-	21,4 22,9*	11,7 28,3*	7,9 20,7*	5,8 16,0*							5,6 12,3*	
	Blade	Outriggers	22,9* 22,9*	20,7 28,1*	13,4 20,6*	9,8 15,9*							9,5 12,3*	
	Outriggers	Blade	22,9* 22,9*	20,5 28,1*	13,3 20,6*	9,8 15,9*							9,5 12,3*	
	Outriggers	Outriggers	22,9* 22,9*	27,0 28,1*	17,1 20,6*	12,4 15,9*							11,9 12,3*	
-10	-	-	19,6 34,9*	10,7 19,1	7,2 12,5								6,1 10,5	22' 7"
	Blade	-	21,9 34,9*	11,8 26,0*	7,9 19,1*								6,8 16,1*	
	Blade	Outriggers	34,9* 34,9*	20,8 25,8*	13,5 19,0*								11,4 16,0*	
	Outriggers	Blade	34,9* 34,9*	20,6 25,8*	13,4 19,0*								11,3 16,0*	
	Outriggers	Outriggers	34,9* 34,9*	25,8* 25,8*	17,2 19,0*								14,4 16,0*	
-15	-	-		11,2 19,7									8,9 15,4	17'10"
	Blade	-		12,3 20,3*									9,8 16,4*	
	Blade	Outriggers		20,2* 20,2*									16,3* 16,3*	
	Outriggers	Blade		20,2* 20,2*									16,3* 16,3*	
	Outriggers	Outriggers		20,2* 20,2*									16,3* 16,3*	

Stick 10'

ft	Undercarriage stabilized		10 ft		15 ft		20 ft		25 ft		30 ft		ft in	
	rear	front												
25	-	-											7,1* 7,1*	22' 5"
	Blade	-											7,1* 7,1*	
	Blade	Outriggers											7,1* 7,1*	
	Outriggers	Blade											7,1* 7,1*	
	Outriggers	Outriggers											7,1* 7,1*	
20	-	-							6,6 8,3*				6,1 6,7*	25'10"
	Blade	-							7,1 8,3*				6,7 6,7*	
	Blade	Outriggers							8,3* 8,3*				6,7* 6,7*	
	Outriggers	Blade							8,3* 8,3*				6,7* 6,7*	
	Outriggers	Outriggers							8,3* 8,3*				6,7* 6,7*	
15	-	-					9,3 13,4*	6,4 10,3					5,1 6,7*	27'11"
	Blade	-					10,1 13,4*	6,9 11,3*					5,6 6,7*	
	Blade	Outriggers					13,4* 13,4*	11,1 11,3*					6,7* 6,7*	
	Outriggers	Blade					13,4* 13,4*	11,0 11,3*					6,7* 6,7*	
	Outriggers	Outriggers					13,4* 13,4*	11,3* 11,3*					6,7* 6,7*	
10	-	-	23,9 30,7*	13,2 19,8*	8,6 14,1	6,0 9,9							4,6 7,0*	29'
	Blade	-	26,3 30,7*	14,4 19,8*	9,4 15,7*	6,6 13,7*							5,0 7,0*	
	Blade	Outriggers	30,6* 30,6*	19,7* 19,7*	15,2 15,7*	10,7 13,6*							7,0* 7,0*	
	Outriggers	Blade	30,6* 30,6*	19,7* 19,7*	15,1 15,7*	10,6 13,6*							7,0* 7,0*	
	Outriggers	Outriggers	30,6* 30,6*	19,7* 19,7*	15,7* 15,7*	13,3 13,6*							7,0* 7,0*	
5	-	-	14,3* 14,3*	11,7 20,3	7,9 13,2	5,6 9,5							4,3 7,5	29' 2"
	Blade	-	14,3* 14,3*	12,9 24,7*	8,6 18,2*	6,2 15,0*							4,8 7,5*	
	Blade	Outriggers	14,3* 14,3*	22,2 24,6*	14,4 18,1*	10,3 14,9*							7,5* 7,5*	
	Outriggers	Blade	14,3* 14,3*	22,0 24,6*	14,3 18,1*	10,2 14,9*							7,5* 7,5*	
	Outriggers	Outriggers	14,3* 14,3*	24,6* 24,6*	18,1 18,1*	12,8 14,9*							7,5* 7,5*	
0	-	-	15,7* 15,7*	10,8 19,2	7,3 12,6	5,3 9,2							4,4 7,6	28' 6"
	Blade	-	15,7* 15,7*	11,9 27,7*	8,1 20,0*	5,9 15,9*							4,8 8,5*	
	Blade	Outriggers	15,7* 15,7*	21,0 27,5*	13,7 19,9*	9,9 15,8*							8,2 8,5*	
	Outriggers	Blade	15,7* 15,7*	20,8 27,5*	13,6 19,9*	9,8 15,8*							8,1 8,5*	
	Outriggers	Outriggers	15,7* 15,7*	27,5 27,5*	17,4 19,9*	12,4 15,8*							8,5* 8,5*	
- 5	-	-	18,9 22,1*	10,4 18,8	7,0 12,3	5,2 9,0							4,7 8,1	26'10"
	Blade	-	21,1 22,1*	11,5 28,3*	7,7 20,6*	5,7 16,0*							5,2 10,3*	
	Blade	Outriggers	22,1* 22,1*	20,5 28,1*	13,3 20,5*	9,7 15,9*							8,8 10,3*	
	Outriggers	Blade	22,1* 22,1*	20,4 28,1*	13,2 20,5*	9,7 15,9*							8,8 10,3*	
	Outriggers	Outriggers	22,1* 22,1*	26,9 28,1*	17,0 20,5*	12,2 15,9*							10,3* 10,3*	
-10	-	-	19,2 31,7*	10,4 18,8	7,0 12,3								5,5 9,6	24'
	Blade	-	21,4 31,7*	11,5 26,7*	7,7 19,6*								6,1 14,0*	
	Blade	Outriggers	31,7* 31,7*	20,5 26,5*	13,3 19,5*								10,3 14,0*	
	Outriggers	Blade	31,7* 31,7*	20,4 26,5*	13,2 19,5*								10,3 14,0*	
	Outriggers	Outriggers	31,7* 31,7*	26,5* 26,5*	17,0 19,5*								13,0 14,0*	
-15	-	-		19,9 31,6*	10,8 19,3								7,6 13,2	19' 6"
	Blade	-		22,2 31,6*	12,0 22,2*								8,4 16,1*	
	Blade	Outriggers		31,3* 31,3*	21,0 22,0*								14,2 16,0*	
	Outriggers	Blade		31,3* 31,3*	20,9 22,0*								14,1 16,0*	
	Outriggers	Outriggers		31,3* 31,3*	22,0* 22,0*								16,0* 16,0*	

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

The lift capacities on the load hook of the Liebherr quick coupler SWA 48 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, or are limited by the permissible load of the load hook on the quick coupler (max. 26,500 lb). Without the quick coupler, lift capacities will increase by up to 500 lb.

Lift capacities

with mono boom 18'6" (heavy counterweight), EW undercarriage

Stick 7'5"

ft	Undercarriage stabilized		10 ft		15 ft		20 ft		25 ft		30 ft		ft in	
	rear	front												
25	-	-											9,9* 9,9*	19' 2"
	Blade	-											9,9* 9,9*	
	Blade	Outriggers											9,9* 9,9*	
	Outriggers	Blade											9,9* 9,9*	
	Outriggers	Outriggers											9,9* 9,9*	
20	-	-					10,6 14,1*						8,2 9,3*	23' 1"
	Blade	-					11,4 14,1*						8,9 9,3*	
	Blade	Outriggers					14,1* 14,1*						9,3* 9,3*	
	Outriggers	Blade					14,1* 14,1*						9,3* 9,3*	
	Outriggers	Outriggers					14,1* 14,1*						9,3* 9,3*	
15	-	-					10,1 14,7	7,0 10,3					6,8 9,3*	25' 6"
	Blade	-					10,9 15,4*	7,6 10,9*					7,3 9,3*	
	Blade	Outriggers					15,4* 15,4*	10,9* 10,9*					9,3* 9,3*	
	Outriggers	Blade					15,4* 15,4*	10,9* 10,9*					9,3* 9,3*	
	Outriggers	Outriggers					15,4* 15,4*	10,9* 10,9*					9,3* 9,3*	
10	-	-			14,3 21,6		9,5 14,0	6,7 10,0					6,1 9,0	26' 8"
	Blade	-			15,5 22,9*		10,3 17,6*	7,3 15,1*					6,6 9,7*	
	Blade	Outriggers			22,8* 22,8*		16,7 17,5*	11,8 15,0*					9,7* 9,7*	
	Outriggers	Blade			22,8* 22,8*		16,6 17,5*	11,8 15,0*					9,7* 9,7*	
	Outriggers	Outriggers			22,8* 22,8*		17,5* 17,5*	14,7 15,0*					9,7* 9,7*	
5	-	-			13,0 20,2		8,8 13,3	6,4 9,7					5,8 8,7	26'11"
	Blade	-			14,2 27,1*		9,6 19,7*	7,0 16,0*					6,3 10,6*	
	Blade	Outriggers			24,6 26,9*		15,9 19,5*	11,5 15,9*					10,3 10,6*	
	Outriggers	Blade			24,5 26,9*		15,9 19,5*	11,4 15,9*					10,3 10,6*	
	Outriggers	Outriggers			26,9* 26,9*		19,5* 19,5*	14,4 15,9*					10,6* 10,6*	
0	-	-	13,9* 13,9*		12,4 19,5		8,4 12,9	6,2 9,4					5,9 8,9	26' 1"
	Blade	-	13,9* 13,9*		13,6 28,8*		9,2 20,9*	6,8 16,5*					6,4 12,3*	
	Blade	Outriggers	13,9* 13,9*		23,8 28,6*		15,4 20,8*	11,2 16,4*					10,6 12,3*	
	Outriggers	Blade	13,9* 13,9*		23,7 28,6*		15,4 20,8*	11,2 16,4*					10,5 12,3*	
	Outriggers	Outriggers	13,9* 13,9*		28,6* 28,6*		19,7 20,8*	14,1 16,4*					12,3* 12,3*	
- 5	-	-	22,7 24,8*		12,2 19,3		8,3 12,7						6,4 9,8	24' 2"
	Blade	-	24,8* 24,8*		13,4 28,2*		9,0 20,8*						7,0 15,6*	
	Blade	Outriggers	24,8* 24,8*		23,6 28,0*		15,2 20,6*						11,6 15,6*	
	Outriggers	Blade	24,8* 24,8*		23,5 28,0*		15,2 20,6*						11,6 15,6*	
	Outriggers	Outriggers	24,8* 24,8*		28,0* 28,0*		19,4 20,6*						14,7 15,6*	
- 10	-	-	23,2 35,2*		12,4 19,6		8,4 12,9						7,9 12,0	21'
	Blade	-	25,7 35,2*		13,6 25,2*		9,2 18,4*						8,6 17,1*	
	Blade	Outriggers	34,9* 34,9*		23,9 25,0*		15,4 18,3*						14,4 17,0*	
	Outriggers	Blade	34,9* 34,9*		23,7 25,0*		15,3 18,3*						14,3 17,0*	
	Outriggers	Outriggers	34,9* 34,9*		25,0* 25,0*		18,3* 18,3*						17,0* 17,0*	
- 15	-	-												
	Blade	-												
	Blade	Outriggers												
	Outriggers	Blade												
	Outriggers	Outriggers												

Stick 8'

ft	Undercarriage stabilized		10 ft		15 ft		20 ft		25 ft		30 ft		ft in	
	rear	front												
25	-	-					9,2* 9,2*						9,1* 9,1*	20' 1"
	Blade	-					9,2* 9,2*						9,1* 9,1*	
	Blade	Outriggers					9,2* 9,2*						9,1* 9,1*	
	Outriggers	Blade					9,2* 9,2*						9,1* 9,1*	
	Outriggers	Outriggers					9,2* 9,2*						9,1* 9,1*	
20	-	-					10,6 13,5*						7,8 8,5*	23'10"
	Blade	-					11,4 13,5*						8,4 8,5*	
	Blade	Outriggers					13,5* 13,5*						8,5* 8,5*	
	Outriggers	Blade					13,5* 13,5*						8,5* 8,5*	
	Outriggers	Outriggers					13,5* 13,5*						8,5* 8,5*	
15	-	-					10,2 14,8	7,0 10,3					6,5 8,5*	26' 1"
	Blade	-					10,9 14,9*	7,6 11,7*					7,0 8,5*	
	Blade	Outriggers					14,9* 14,9*	11,7* 11,7*					8,5* 8,5*	
	Outriggers	Blade					14,9* 14,9*	11,7* 11,7*					8,5* 8,5*	
	Outriggers	Outriggers					14,9* 14,9*	11,7* 11,7*					8,5* 8,5*	
10	-	-	18,1* 18,1*	14,4 21,8	9,5 14,0	6,7 10,0							5,8 8,7	27' 4"
	Blade	-	18,1* 18,1*	15,6 22,2*	10,3 17,1*	7,3 14,7*							6,3 8,9*	
	Blade	Outriggers	18,1* 18,1*	22,1* 22,1*	16,7 17,0*	11,8 14,7*							8,9* 8,9*	
	Outriggers	Blade	18,1* 18,1*	22,1* 22,1*	16,6 17,0*	11,8 14,7*							8,9* 8,9*	
	Outriggers	Outriggers	18,1* 18,1*	22,1* 22,1*	17,0* 17,0*	14,7* 14,7*							8,9* 8,9*	
5	-	-			13,0 20,2		8,8 13,3	6,4 9,6					5,5 8,3	27' 6"
	Blade	-			14,2 26,5*		9,6 19,3*	7,0 15,8*					6,0 9,7*	
	Blade	Outriggers			24,7 26,4*		15,9 19,2*	11,4 15,7*					9,7* 9,7*	
	Outriggers	Blade			24,5 26,4*		15,8 19,2*	11,4 15,7*					9,7* 9,7*	
	Outriggers	Outriggers			26,4* 26,4*		19,2* 19,2*	14,3 15,7*					9,7* 9,7*	
0	-	-	14,3* 14,3*	12,3 19,4	8,4 12,8	6,1 9,4							5,6 8,5	26' 8"
	Blade	-	14,3* 14,3*	13,5 28,5*	9,1 20,7*	6,7 16,4*							6,1 11,1*	
	Blade	Outriggers	14,3* 14,3*	23,7 28,3*	15,4 20,5*	11,2 16,3*							10,1 11,1*	
	Outriggers	Blade	14,3* 14,3*	23,6 28,3*	15,3 20,5*	11,1 16,3*							10,1 11,1*	
	Outriggers	Outriggers	14,3* 14,3*	28,3* 28,3*	19,6 20,5*	14,0 16,3*							11,1* 11,1*	
- 5	-	-	22,4 23,8*	12,1 19,2	8,2 12,6								6,1 9,3	24'11"
	Blade	-	23,8* 23,8*	13,3 28,2*	8,9 20,8*								6,7 13,8*	
	Blade	Outriggers	23,8* 23,8*	23,5 28,0*	15,1 20,6*								11,1 13,8*	
	Outriggers	Blade	23,8* 23,8*	23,3 28,0*	15,1 20,6*								11,1 13,8*	
	Outriggers	Outriggers	23,8* 23,8*	28,0* 28,0*	19,3 20,6*								13,8* 13,8*	
- 10	-	-	22,9 36,3*	12,3 19,4	8,3 12,7								7,4 11,3	21'11"
	Blade	-	25,4 36,3*	13,5 25,7*	9,0 18,8*								8,1 16,6*	
	Blade	Outriggers	36,0* 36,0*	23,7 25,5*	15,3 18,7*								13,5 16,5*	
	Outriggers	Blade	36,0* 36,0*	23,5 25,5*	15,2 18,7*								13,4 16,5*	
	Outriggers	Outriggers	36,0* 36,0*	25,5* 25,5*	18,7* 18,7*								16,5* 16,5*	
- 15	-	-			12,9 19,3*								11,1 16,7*	16' 8"
	Blade	-			14,1 19,3*								12,1 16,7*	
	Blade	Outriggers			19,1* 19,1*								16,6* 16,6*	
	Outriggers	Blade			19,1* 19,1*								16,6* 16,6*	
	Outriggers	Outriggers			19,1* 19,1*								16,6* 16,6*	

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

The lift capacities on the load hook of the Liebherr quick coupler SWA 48 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, or are limited by the permissible load of the load hook on the quick coupler (max. 26,500 lb). Without the quick coupler, lift capacities will increase by up to 500 lb.

Stick 8'8"

ft	Undercarriage stabilized		10 ft		15 ft		20 ft		25 ft		30 ft		ft in	
	rear	front												
25	-	-											8,4" 8,4"	20'11"
	Blade	-											8,4" 8,4"	
	Blade	Outriggers											8,4" 8,4"	
	Outriggers	Blade											8,4" 8,4"	
	Outriggers	Outriggers											8,4" 8,4"	
20	-	-											7,4 7,9"	24' 7"
	Blade	-											7,9" 7,9"	
	Blade	Outriggers											7,9" 7,9"	
	Outriggers	Blade											7,9" 7,9"	
	Outriggers	Outriggers											7,9" 7,9"	
15	-	-					10,2 14,4"	7,0 10,3					6,2 7,8"	26'10"
	Blade	-					11,0 14,4"	7,6 11,9"					6,7 7,8"	
	Blade	Outriggers					14,4" 14,4"	11,9" 11,9"					7,8" 7,8"	
	Outriggers	Blade					14,4" 14,4"	11,9" 11,9"					7,8" 7,8"	
	Outriggers	Outriggers					14,4" 14,4"	11,9" 11,9"					7,8" 7,8"	
10	-	-	25,9 27,2"	14,5 21,4"	9,5 14,1	6,7 10,0							5,5 8,1"	27'11"
	Blade	-	27,2" 27,2"	15,7 21,4"	10,3 16,6"	7,3 14,4"							6,0 8,1"	
	Blade	Outriggers	27,2" 27,2"	21,3" 21,3"	16,6" 16,6"	11,8 14,3"							8,1" 8,1"	
	Outriggers	Blade	27,2" 27,2"	21,3" 21,3"	16,6" 16,6"	11,8 14,3"							8,1" 8,1"	
	Outriggers	Outriggers	27,2" 27,2"	21,3" 21,3"	16,6" 16,6"	14,3" 14,3"							8,1" 8,1"	
5	-	-					13,1 20,3	8,8 13,3	6,3 9,6				5,3 8,0	28' 1"
	Blade	-					14,3 25,9"	9,6 18,9"	6,9 15,5"				5,8 8,8"	
	Blade	Outriggers					24,7 25,8"	15,9 18,8"	11,4 15,4"				8,8" 8,8"	
	Outriggers	Blade					24,6 25,8"	15,8 18,8"	11,4 15,4"				8,8" 8,8"	
	Outriggers	Outriggers					25,8" 25,8"	18,8" 18,8"	14,3 15,4"				8,8" 8,8"	
0	-	-	14,6" 14,6"	12,2 19,4	8,3 12,8	6,1 9,3							5,3 8,2	27' 5"
	Blade	-	14,6" 14,6"	13,4 28,3"	9,1 20,4"	6,6 16,2"							5,8 10,0"	
	Blade	Outriggers	14,6" 14,6"	23,7 28,1"	15,3 20,3"	11,1 16,1"							9,7 10,0"	
	Outriggers	Blade	14,6" 14,6"	23,6 28,1"	15,2 20,3"	11,0 16,1"							9,7 10,0"	
	Outriggers	Outriggers	14,6" 14,6"	28,1" 28,1"	19,5 20,3"	14,0 16,1"							10,0" 10,0"	
- 5	-	-	22,1 22,9"	12,0 19,1	8,1 12,5	6,0 9,2							5,8 8,9	25' 7"
	Blade	-	22,9" 22,9"	13,2 28,3"	8,8 20,7"	6,5 16,0"							6,3 12,3"	
	Blade	Outriggers	22,9" 22,9"	23,4 28,1"	15,0 20,6"	11,0 15,9"							10,6 12,3"	
	Outriggers	Blade	22,9" 22,9"	23,2 28,1"	15,0 20,6"	10,9 15,9"							10,6 12,3"	
	Outriggers	Outriggers	22,9" 22,9"	28,1" 28,1"	19,2 20,6"	13,8 15,9"							12,3" 12,3"	
-10	-	-	22,6 34,9"	12,1 19,2	8,1 12,6								6,9 10,6	22' 7"
	Blade	-	25,1 34,9"	13,3 26,0"	8,9 19,1"								7,6 16,1"	
	Blade	Outriggers	34,9" 34,9"	23,5 25,8"	15,1 19,0"								12,7 16,0"	
	Outriggers	Blade	34,9" 34,9"	23,3 25,8"	15,0 19,0"								12,7 16,0"	
	Outriggers	Outriggers	34,9" 34,9"	25,8" 25,8"	19,0" 19,0"								16,0" 16,0"	
-15	-	-					10,1 15,5						10,1 15,5	17'10"
	Blade	-					11,0 16,4"						11,0 16,4"	
	Blade	Outriggers					16,3" 16,3"						16,3" 16,3"	
	Outriggers	Blade					16,3" 16,3"						16,3" 16,3"	
	Outriggers	Outriggers					16,3" 16,3"						16,3" 16,3"	

Stick 10'

ft	Undercarriage stabilized		10 ft		15 ft		20 ft		25 ft		30 ft		ft in	
	rear	front												
25	-	-											7,1" 7,1"	22' 5"
	Blade	-											7,1" 7,1"	
	Blade	Outriggers											7,1" 7,1"	
	Outriggers	Blade											7,1" 7,1"	
	Outriggers	Outriggers											7,1" 7,1"	
20	-	-							7,3 8,3"				6,7" 6,7"	25'10"
	Blade	-							7,9 8,3"				6,7" 6,7"	
	Blade	Outriggers							8,3" 8,3"				6,7" 6,7"	
	Outriggers	Blade							8,3" 8,3"				6,7" 6,7"	
	Outriggers	Outriggers							8,3" 8,3"				6,7" 6,7"	
15	-	-					10,3 13,4"	7,1 10,4					5,7 6,7"	27'11"
	Blade	-					11,1 13,4"	7,7 11,3"					6,2 6,7"	
	Blade	Outriggers					13,4" 13,4"	11,3" 11,3"					6,7" 6,7"	
	Outriggers	Blade					13,4" 13,4"	11,3" 11,3"					6,7" 6,7"	
	Outriggers	Outriggers					13,4" 13,4"	11,3" 11,3"					6,7" 6,7"	
10	-	-	27,1 30,7"	14,8 19,8"	9,6 14,2	6,7 10,0							5,2 7,0"	29'
	Blade	-	29,8 30,7"	16,0 19,8"	10,4 15,7"	7,3 13,7"							5,6 7,0"	
	Blade	Outriggers	30,6" 30,6"	19,7" 19,7"	15,7" 15,7"	11,9 13,6"							7,0" 7,0"	
	Outriggers	Blade	30,6" 30,6"	19,7" 19,7"	15,7" 15,7"	11,8 13,6"							7,0" 7,0"	
	Outriggers	Outriggers	30,6" 30,6"	19,7" 19,7"	15,7" 15,7"	13,6" 13,6"							7,0" 7,0"	
5	-	-	14,3" 14,3"	13,2 20,5	8,8 13,4	6,3 9,6							4,9 7,5	29' 2"
	Blade	-	14,3" 14,3"	14,4 24,7"	9,6 18,2"	6,9 15,0"							5,4 7,5"	
	Blade	Outriggers	14,3" 14,3"	24,6" 24,6"	16,0 18,1"	11,4 14,9"							7,5" 7,5"	
	Outriggers	Blade	14,3" 14,3"	24,6" 24,6"	15,9 18,1"	11,4 14,9"							7,5" 7,5"	
	Outriggers	Outriggers	14,3" 14,3"	24,6" 24,6"	18,1" 18,1"	14,3 14,9"							7,5" 7,5"	
0	-	-	15,7" 15,7"	12,2 19,4	8,3 12,7	6,0 9,2							4,9 7,6	28' 6"
	Blade	-	15,7" 15,7"	13,4 27,7"	9,0 20,0"	6,6 15,9"							5,4 8,5"	
	Blade	Outriggers	15,7" 15,7"	23,7 27,5"	15,3 19,9"	11,0 15,8"							8,5" 8,5"	
	Outriggers	Blade	15,7" 15,7"	23,6 27,5"	15,2 19,9"	11,0 15,8"							8,5" 8,5"	
	Outriggers	Outriggers	15,7" 15,7"	27,5" 27,5"	19,5 19,9"	13,9 15,8"							8,5" 8,5"	
- 5	-	-	21,8 22,1"	11,8 18,9	8,0 12,4	5,8 9,1							5,3 8,2	26'10"
	Blade	-	22,1" 22,1"	13,0 28,3"	8,7 20,6"	6,4 16,0"							5,8 10,3"	
	Blade	Outriggers	22,1" 22,1"	23,2 28,1"	14,9 20,5"	10,8 15,9"							9,8 10,3"	
	Outriggers	Blade	22,1" 22,1"	23,1 28,1"	14,9 20,5"	10,8 15,9"							9,8 10,3"	
	Outriggers	Outriggers	22,1" 22,1"	28,1" 28,1"	19,1 20,5"	13,7 15,9"							10,3" 10,3"	
-10	-	-	22,1 31,7"	11,9 19,0	7,9 12,4								6,2 9,6	24'
	Blade	-	24,7 31,7"	13,0 26,7"	8,7 19,6"								6,8 14,0"	
	Blade	Outriggers	31,7" 31,7"	23,2 26,5"	14,9 19,5"								11,5 14,0"	
	Outriggers	Blade	31,7" 31,7"	23,1 26,5"	14,8 19,5"								11,5 14,0"	
	Outriggers	Outriggers	31,7" 31,7"	26,5" 26,5"	19,1 19,5"								14,0" 14,0"	
-15	-	-					12,3 19,4						8,6 13,3	19' 6"
	Blade	-					25,5 31,6"	13,5 22,2"					9,4 16,1"	
	Blade	Outriggers					31,3" 31,3"	22,0" 22,0"					15,9 16,0"	
	Outriggers	Blade					31,3" 31,3"	22,0" 22,0"					15,8 16,0"	
	Outriggers	Outriggers					31,3" 31,3"	22,0" 22,0"					16,0" 16,0"	

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

The lift capacities on the load hook of the Liebherr quick coupler SWA 48 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, or are limited by the permissible load of the load hook on the quick coupler (max. 26,500 lb). Without the quick coupler, lift capacities will increase by up to 500 lb.

Equipments

Ditch cleaning buckets

Ditch cleaning buckets Machine stability per ISO 10567* (75% of tipping capacity)

Cutting width ft in	Capacity ISO 7451 ¹⁾ yd ³	Weight lb	Stabilizers raised				Rear blade down				Rear outriggers + front blade down				Rear + front outriggers down				EW Stabilizers raised				EW Rear blade down				EW Rear outriggers + front blade down				EW Rear + front outriggers down																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			Stick length (ft in)				Stick length (ft in)				Stick length (ft in)				Stick length (ft in)				Stick length (ft in)				Stick length (ft in)				Stick length (ft in)				Stick length (ft in)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Two-piece boom 19' (heavy counterweight)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
4'11" ³⁾	0.65	948	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

* Indicated loads are based on ISO 10567 and do not exceed 75% of tipping or 87% of hydraulic capacity, max. stick length without quick coupler, lifted 360° on firm with blocked oscillating axle

¹⁾ comparable with SAE (heaped)

²⁾ with 2 x 50° rotator

³⁾ rigid ditch cleaning bucket

Max. material weight ■ = ≤ 3,034 lb/yd³, ■ = ≤ 2,528 lb/yd³, △ = ≤ 2,023 lb/yd³, - = not authorized

Equipments

Tilt buckets

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

Cutting width ft in	Capacity ISO 7451 ¹⁾ yd ³	Weight lb	Stabilizers raised				Rear blade down				Rear outriggers + front blade down				Rear + front outriggers down				EW Stabilizers raised				EW Rear blade down				EW Rear outriggers + front blade down				EW Rear + front outriggers down			
			Stick length (ft in)				Stick length (ft in)				Stick length (ft in)				Stick length (ft in)				Stick length (ft in)				Stick length (ft in)				Stick length (ft in)				Stick length (ft in)			
			7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'	7'5"	8'	8'8"	10'
Two-piece boom 19' (heavy counterweight)																																		
4'11" ²⁾	1.57	2,138	△	△	△	-	■	■	△	△	■	■	■	■	■	■	■	■	△	△	■	■	■	■	■	■	■	■	■	■	■	■	■	
5' 3" ²⁾	1.05	1,808	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
5' 3" ²⁾	1.31	1,962	■	■	■	△	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
5' 3" ²⁾	1.77	2,138	△	-	△	-	△	△	△	-	■	■	■	■	■	■	■	△	△	△	-	■	■	△	△	■	■	■	■	■	■	■	■	
5' 3" ²⁾	2.03	2,469	-	-	-	-	-	-	-	-	■	■	■	■	■	■	■	△	-	-	-	△	△	△	-	■	■	■	■	■	■	■	■	
Two-piece boom 19' (standard counterweight)																																		
4'11" ²⁾	1.57	2,138	-	-	-	-	-	-	-	-	■	■	■	■	■	■	■	-	-	-	-	-	-	-	-	■	■	■	■	■	■	■		
5' 3" ²⁾	1.05	1,808	△	-	△	-	■	△	△	-	■	■	■	■	■	■	■	■	△	△	-	■	■	■	△	■	■	■	■	■	■	■	■	
5' 3" ²⁾	1.31	1,962	-	-	-	-	-	-	-	-	■	■	■	■	■	■	■	△	-	-	-	△	△	△	-	■	■	■	■	■	■	■	■	
5' 3" ²⁾	1.77	2,138	-	-	-	-	-	-	-	-	■	■	■	■	■	■	■	-	-	-	-	-	-	-	-	■	■	■	■	■	■	■	■	
5' 3" ²⁾	2.03	2,469	-	-	-	-	-	-	-	-	■	■	■	△	△	■	■	-	-	-	-	-	-	-	-	■	■	■	■	■	■	■	■	
Mono boom 18'6" (heavy counterweight)																																		
4'11" ²⁾	1.57	2,138	■	△	△	△	■	■	■	■	△	■	■	■	■	■	■	■	■	■	△	■	■	■	■	■	■	■	■	■	■	■	■	
5' 3" ²⁾	1.05	1,808	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
5' 3" ²⁾	1.31	1,962	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
5' 3" ²⁾	1.77	2,138	△	△	△	-	■	△	△	△	■	■	■	■	■	■	■	■	■	△	△	■	■	■	■	■	■	■	■	■	■	■	■	
5' 3" ²⁾	2.03	2,469	-	-	-	-	△	△	-	-	■	■	■	■	■	■	■	△	△	-	-	△	△	△	△	■	■	■	■	■	■	■	■	

* Indicated loads are based on ISO 10567 and do not exceed 75 % of tipping or 87 % of hydraulic capacity, max. stick length without quick coupler, lifted 360° on firm with blocked oscillating axle

¹⁾ comparable with SAE (heaped)

²⁾ with 2 x 50° rotator

Max. material weight ■ = ≤ 3,034 lb/yd³, ■ = ≤ 2,528 lb/yd³, △ = ≤ 2,023 lb/yd³, - = not authorized

Equipment

Undercarriage

Dual-circuit braking system	●
Rear stabilizer blade	+
Rear stabilizer blade + front outriggers	+
Digging brake, automatic	●
Tires (twin tires) Mitas EM 22	●
Individual control outriggers	+
Travel speed levels (four)	●
Load holding valve on each stabilization cylinder	●
Powershift transmission, semiautomatic	●
Parking brake, maintenance-free	●
Rear outriggers + front stabilizer blade	+
Rear + front outriggers	+
Tires, variants	+
Protection for piston rods, stabilizer cylinder	+
Speeder**	+
Storage compartment left	●
Storage compartment right	+
Undercarriage EW 9'	+
Tool equipment, extended	+

Uppercarriage

Refuelling system with filling pump	+
Main battery switch for electrical system	●
Engine hood with gas spring	●
Amber beacon, at uppercarriage, LED double flash	+
Headlights on uppercarriage, rear, LED, 2 pieces	+
Headlight on uppercarriage, right, LED, 1 piece	+
Service doors, lockable	●

Hydraulic system

Shut-off valve between hydraulic tank and pump(s)	●
Pressure test fittings	●
Accumulator for controlled lowering of the equipment with the engine shut down	●
Hydraulic oil filter with integrated microfilter	●
Liebherr hydraulic oil from -4 °F to +104 °F	●
Liebherr hydraulic oil, biologically degradable	+
Liebherr hydraulic oil, specially for warm or cold regions	+
Bypass filter	+
PowerLift	+
Switchover high pressure circuit and tipping cylinder	+
Switchover high pressure circuit and two-piece boom	+

Diesel engine

Fuel anti-theft device	+
Liebherr particle filter	●
Reversible fan drive, fully automatic	+
Air pre-filter with dust discharge	+
Automatic engine shut-down (time adjustable)	+
Preheating fuel	+

Cab

Storage compartment	●
Stabilizer, proportional control on left joystick	●
Exterior mirror, electrical adjustable, with heating	+
Mechanical hour meters, readable from outside the cab	●
Roof window made from impact-resistant laminated safety glass	+
Slewing gear brake Comfort, button on the left or right joystick	+
Slewing gear brake, rocker switch in the right joystick	●
Driver's code to start the machine, individual*	+
Operator's seat Standard	●
Operator's seat Comfort	+
Operator's seat Premium	+
Driving alarm (acoustic signal is emitted during travel, can be switched ON / OFF)	+
Fire extinguisher	+
Front screen made from impact-resistant laminated safety glass - not adjustable	+
Windscreen retractable (including upper part)	●
Intermittent windscreen wiper with wiper washer	●
Cruise control	●
Rubber floor mat, removable	●
Dome light	●
Joystick steering	+
Joysticks Premium	+
Coat hook	●
Automatic air conditioning	●
Fuel consumption indicator	●
Electric cooler	+
Steering wheel, wide version (cost-neutral option)	+
Steering column adjustable horizontally	●
LiDAT, vehicle fleet management	●
Emergency exit rear window	●
Positioning swing brake	+
Proportional control	●
Radio Comfort, control via display with handsfree set	+
Preparation for radio installation	●
Rain cover over front window opening	●
ROPS cab protection	●
Back-up alarm (acoustic signal is emitted traveling backward, can not be switched off)	+
Amber beacon, on cab, LED double flash	+
Tinted windows	●
Windscreen wiper, roof	+
Windshield wiper, entire windshield	●
Headlights on cab, rear, LED, 2 pieces	+
Headlights on cab, front, halogen, 2 pieces (under rain shield)	●
Headlights on cab, front, LED, 2 pieces (above rain shield)	+
Headlights on cab, front, LED, 2 pieces (under rain shield)	+
Door with sliding window	●
FOPS top guard	+
FGPS front guard	+
Right side window and windshield made from laminated safety glass	●
Sun visor	+
Sun blind	●
Auxiliary heating, adjustable (week time switch)	+
Left control console, folding	●
Electronic immobilizer	+
Cigarette lighter	●



Equipment

High pressure circuit incl. unpressurized return line and Tool Control	+
Electronic lift limitation	+
Security for hoist cylinder for hydraulic attachments	+
Load holding valve tipping cylinder	+
Load lug on stick	+
Leak oil line, additional for attachments	+
Liebherr ditch cleaning bucket	+
Liebherr quick coupler, hydraulic or mechanical	+
Liebherr tilt bucket	+
Liebherr tiltrotator	+
Liebherr sorting grab	+
Liebherr backhoe bucket	+
Liebherr tooth system	+
Liebherr clamshell grab	+
Medium pressure circuit incl. lines	+
Mono boom	+
Mono boom, HD version	+
Pipe fracture safety valves hoist cylinders	●
Pipe fracture safety valve stick cylinder	●
Return line, pressureless (in high pressure circuit option included)	+
Headlights on boom, halogen, 2 pieces	●
Headlights on boom, LED, 2 pieces	+
Headlights on stick, LED, 2 pieces	+
Hose quick coupling at end of stick	●
Quick coupling system Solidlink	+
Protection for bottom side of stick	+
Tool Control, 20 attachment adjustments selectable over the display	+
Overload warning device	●
Two-piece boom	+
Two-piece boom, HD version	+



Complete machine

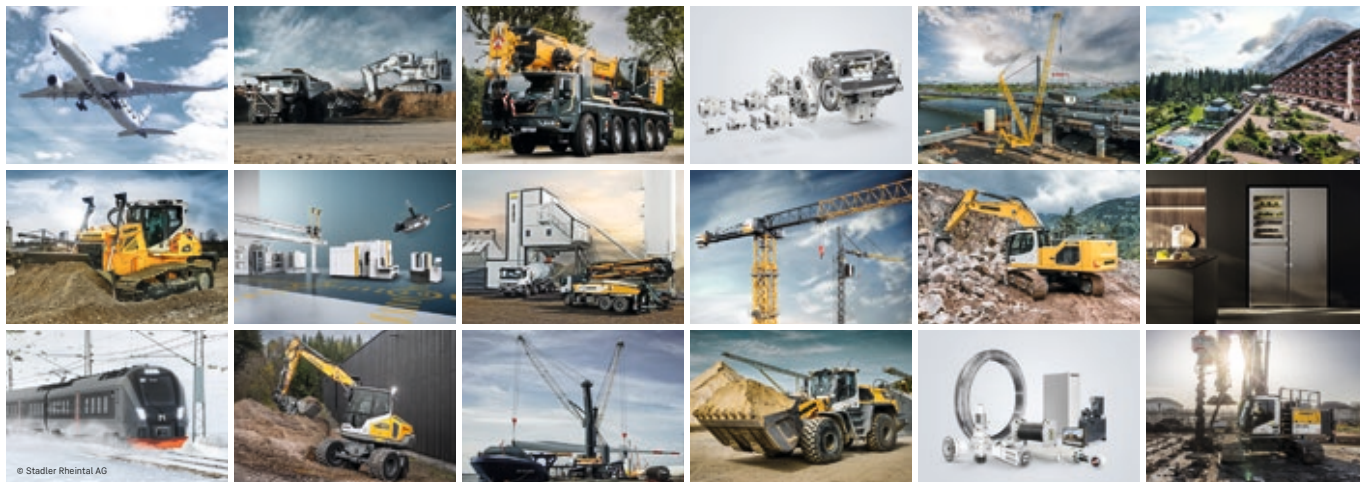
Machine guidance system	
Preparation	+
Lubrication	
Lubrication undercarriage, manually – decentralized (grease points)	●
Lubrication undercarriage, manually – centralized (one grease point)	+
Central lubrication system for uppercarriage and equipment, automatically (without quick coupler and connecting link)*	●
Centralized lubrication extended for quick coupler	+
Centralized lubrication extended for connecting link	+
Special coating	
Custom painting for attachments	+
Special coating, variants	+
Monitoring	
Rear view monitoring with camera	●
Side view monitoring with camera	●
Skyview 360° (side camera not available)	+

● = Standard, + = Option

* = country-dependent, ** = depending upon the country partially only 15.5 mph permitted

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.

www.liebherr.us

WARNING

Breathing diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- Always start and operate the engine in a well-ventilated area.
- If in an enclosed area, vent the exhaust to the outside.
- Do not modify or tamper with exhaust system.
- Do not idle the engine except as necessary.

For more information go to www.P65warnings.ca.gov/diesel.

WARNING

This product can expose you to chemicals including lead and lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information go to www.P65warnings.ca.gov.

Liebherr USA, Co.

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