A 914 Compact Litronic

LIEBHERR

Wheeled excavator

Generation
6

Operating weight
33,500–38,600 lb

Engine
143 HP (I) / 105 kW
Stage V
Tier 4 Final

Bucket capacity
0.22–1.14 yd³

Performance

Compact, flexible – perfect combination for maximum performance

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 well-being

Maintainability

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

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Performance

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

Maximum performance

Flexibility
High digging forces despite a tight tail swing permit flexible usage on every construction site. Hard surfaces can be processed quickly and precisely, thus also ensuring maximum productivity.

Being faster
The A 914 Compact Litronic enables a high working speed, even when movements of the equipment are performed in parallel. Excavating, backfilling and profiling tasks can be completed faster, new tasks can be started sooner. The speed of the machine can be adjusted easily using the MODE switch for load lifting work or grading work.

Joystick steering
With the optional joystick steering, the operator can steer the wheeled excavator proportionally using the mini joystick. In this way, working and driving movements can be performed at the same time without having to change controls. More efficient operation for even greater productivity.

Precise work

Working with precision
The standard joysticks with proportional controls and also the extraordinary sensitivity of the hydraulic system enable precision work at high speeds and parallel movements. This means the machine operator can carry out the most challenging tasks in a short time, not only at reduced speed but also with maximum performance output from the machine.

Automatic digging brake
The digging brake means that manual actuation of the brake pedal is no longer necessary in some applications. Particularly in applications with a frequent transfer of the excavator, this leads to quicker work processes and thus increases safety for people and the machine.

Joystick with proportional control
- Good functionality with streamlined, ergonomic design
- 4-way mini-joystick enables versatile possibilities of control without having to encompass, for example steering, outriggers or attachments
- Two buttons and a rocker switch also increase the number of functions

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

Liebherr tires
- Twin tires without intermediate ring with offset lugs
- Increased stability during work and less vibration when driving thanks to higher tire inflation pressure
- Better self-cleaning properties – even after a few metres – prevents soiling of the track surface
- Larger contact area for less ground pressure and higher traction on soft ground

Economy

A sound investment – optimum economy and environmentally friendly

Liebherr compact wheeled excavators are machines that combine high productivity and compact flexibility 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

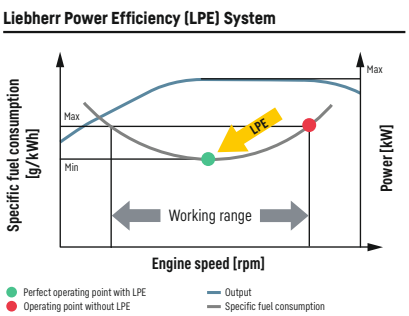
Fuel efficiency and exhaust emissions treatment
The robust D924 diesel engine complies with the stringent emissions regulations of stages V and Tier 4 Final and protects the environment as well as its resources through its low fuel consumption and reduced emissions. Liebherr uses SCR-only technology to reduce emissions to ensure compliance with Stage Tier 4 final. A new SCR (selective catalytic reduction) system with an integral particulate filter is used for emissions stage V. Both systems reduce emissions effectively and do not result in any reduction in power.

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

Increased productivity

Liebherr attachments 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 attachments from the operator's cabin. This boosts productivity on average by 30 %.

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.



Travel drive
- High tractive force for fast acceleration on level ground and high end speed on gradients
- Reduces unproductive travel time between tasks and on the building site
- Faster on site – more productive

Low fuel consumption thanks to intelligent machine control
- Liebherr-Power Efficiency (LPE) optimizes 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

Liebherr quick coupling system Solidlink
- Faster and safer changing of mechanical and hydraulic attachments from the operator's cabin
- Machine utilisation increased to up to 90 % thanks to extended deployment options
- Visual and audible check of correct locking position of attachment at quick coupling system by two proximity sensors

Reliability

Competence, consistency, innovation – proven experience

Reliability offers safety. Safety that significantly influences the success of a project. Whatever the weather, 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 experience, understanding of customer needs and the technical implementation of these findings guarantee the success of the product. For decades, Liebherr has been inspirational with its extensive production and system solutions. Key components such as the electronic components, slew ring, slew drive and hydraulic cylinders are developed and produced by Liebherr itself. The great depth of in-house manufacturing guarantees maximum quality and ensures that components are optimally configured to each other.

Driving oscillation damper
The driving oscillation damper massively reduces vibrations in the whole machine that can occur when driving a wheeled excavator. This is mainly advantageous during longer journeys, not only onroad but also offroad. The driving oscillation dampers comprise pressure accumulators that act as “shock absorbers” on the lift cylinders to ensure that vibrations from the equipment are not transferred to the uppercarriage. The damping function reduces the mechanical load on the steel structure, which in turn results in a longer service life of the components. The smoother driving response gives the operator a faster, more comfortable and thereby more efficient driving experience.

More safety

Bright, long lasting lighting
Various headlights provide optimal lighting in the working area, thus ensuring a better view and more safety for people and the machine. The standard LED rear lights not only look great, they also have high luminosity and an extremely long life.

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

Electronic height limit
For applications with protruding or overhanging components in the working area, the compact wheeled excavators can be optionally equipped with an electronic height limit. The maximum permissible working height can be freely selected and stops the movement of the equipment when the set working height is reached. This helps avoid damage to the machine and its environment.

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

Less is more
- Extended range of possible applications due to a short tail swing radius of only 1.75 m
- More safety for man and machine
- Liebherr compact wheeled excavators: short and safe

Improved rear and side visibility
- The standard camera for rear-view and lateral monitoring gives the operator an optimal view of his working area and the surrounding machine area at all times
- Extensive glazing in combination with two standard monitoring cameras ensure safe handling of the machine at all times

Comfort

Ergonomic excellence – superior cabin design for operator comfort and well-being

The modern Liebherr operator's cab is the largest in this machine class, and 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
The automatic air conditioning offers intuitive operation. Temperature, blower setting and the various air nozzles in the head, chest and foot areas are set using the touchscreen on the indicating unit. 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 the outside.

Operator seats
The Standard, Comfort and Premium operator seat versions offer sitting comfort at the highest level. Even the standard operator seat offers an extensive range of features such as air suspension, seat heating, headrest, lumbar support and many more.

Low noise levels
The use of viscoelastic mounts, good insulation and low-noise diesel engines from Liebherr minimize noise emissions and vibrations.

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 refueled directly from a fuel container
- The tank hose integrated in the service door and the automatic shut-off when the tank is full offer greater convenience and short filling times
- Topping off is simple, quick and safe

Maximum safety
- More convenient and safer entry and exit in and out of the cab thanks to added width from the folding arm console
- Three entry steps with standard anti-slip galvanized plates provide a boost to safety

Intuitive operation
- Display of the machine data and camera image on the 9-inch touch-screen and direct access via menu bar
- 20 user-programmable memory slots for attachments, which can be used for quickly and easily setting the oil pressure and oil flow at the push of a button when changing attachments
- Rear and side area monitoring provide optimum visibility of the working area at all times

Maintainability

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

Liebherr compact wheeled excavators are powerful, robust, precise and efficient thanks to a service-oriented machine design. Maintenance is quick, simple and safe. This reduces costs and keeps machine downtime to a minimum.

Elaborate maintenance concept

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

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%.

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
Turn to Liebherr for competent advice from experience specialists who can provide advice for your specific requirements such as: 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 equipment and swing ring
- Can be optionally expanded to the connecting link and quick coupler
- Lubricating without interrupting work for higher productivity

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

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 914 Compact Litronic overview

Ergonomic operator's work station for maximum comfort

- Operator's seat Comfort or Premium *
- Automatic air-conditioning system *
- 9" high resolution color display with touchscreen operation
- Adjustable arm console and ergonomic joysticks
- Folding arm console, left
- Proportional control with 4-way mini-joystick
- Joystick steering *
- Large windows
- Protective grille at top and bottom, adjustable *
- Convenient radio operation with hands-free device
- Tool Control for attachments
- LED headlights *
- Rear and side monitor

Superbly designed equipment for maximum reliability

- Various boom versions and stick lengths
- Liebherr hydraulic cylinders
- Pipe fracture safety valves hoisting and stick cylinders
- Overload warning device
- Driving oscillation damper *
- Liebherr quick coupling systems *
- Wide selection of Liebherr attachments *

* Optional

Superior technology for highest economy

- Diesel engine with up to date emissions stages V and Tier 4 Final
- Emissions treatment with Liebherr-SCRT technology (Stage V) / Liebherr-SCR technology (Tier 4 Final)
- Liebherr-Power-Efficiency (LPE)
- Load-sensing-control
- MODE selection (Sensitive, ECO, Power)
- Sensor-controlled automatic idling system

Elaborate maintenance concept for maximum productivity

- Fully automatic central lubrication system for uppercarriage and equipment
- Large, wide-opening service doors
- Central maintenance points accessible from the ground
- Hydraulic shut-off lock
- Cab air filter can be replaced quickly and conveniently from outside

Perfect combination for highest possible performance

- Short tail swing radius
- Various support versions, welded on
- Travel drive integrated in undercarriage
- Automatic working brake
- Liebherr tires without intermediate ring

Technical data

Diesel engine

Rating	
per SAE J1349	141 HP (105 kW) at 1.800 rpm
per ISO 9249	143 HP (105 kW) at 1.800 rpm
Model	D924 – FPT motor designed for Liebherr
Type	4 cylinder in-line
Bore / Stroke	4.1 / 5.2 in
Displacement	274.6 in^3
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-SCRT technology
Fuel tank	66 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	66 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, fans for radiator cleaning can be completely folded away

Hydraulic controls

Power distribution	Via control valves with integrated safety valves, simultaneous and independent actuation of chassis, swing drive and equipment
Servo circuit	
Equipment and swing	With hydraulic pilot control and proportional joystick levers
Chassis	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	Liebherr axial piston variable displacement pump
Max. flow	66 gpm
Max. pressure	5,076 psi
Hydraulic pump regulation and control	Liebherr-Synchron-Comfort-system (LSC) with electronic engine speed sensing regulation, pressure and flow compensation, torque controlled swing drive priority
Hydraulic tank	34.5 gal
Hydraulic system	max. 79.5 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 with integrated brake valve and torque control, Liebherr planetary reduction gear
Swing ring	Liebherr, sealed race ball bearing swing ring, internal teeth
Swing speed	0–10.0 rpm stepless
Swing torque	39,828 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 sub-part under the ceiling, work headlights integrated in the ceiling, a door with a sliding window (can be opened on both sides), large stowing and depositing possibilities, shock-absorbing suspension, sound damping insulating, tinted laminated safety glass, separate window shades for the sunroof window and windscreen
Operator's seat Standard	Air cushioned operator's seat with 3D-adjustable armrests, 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 (country-dependent)

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	21,357 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. 18.6 or 23.0 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 + front stabilizer blade Rear outriggers + front stabilizer blade
Option	EW undercarriage 9'

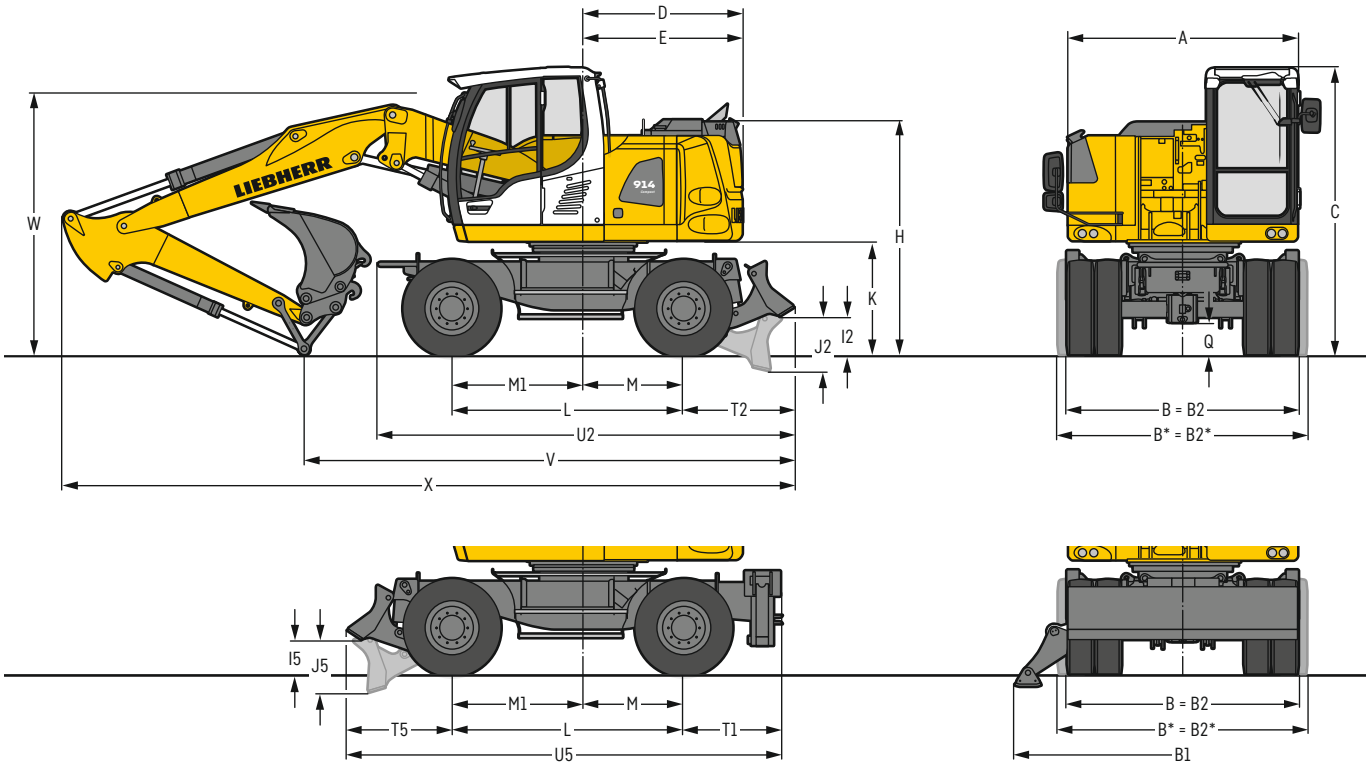
Equipment

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	71 dB(A) = L_{pA} (inside cab)
2000/14/EC	100 dB(A) = L_{WA} (surround noise)

Dimensions



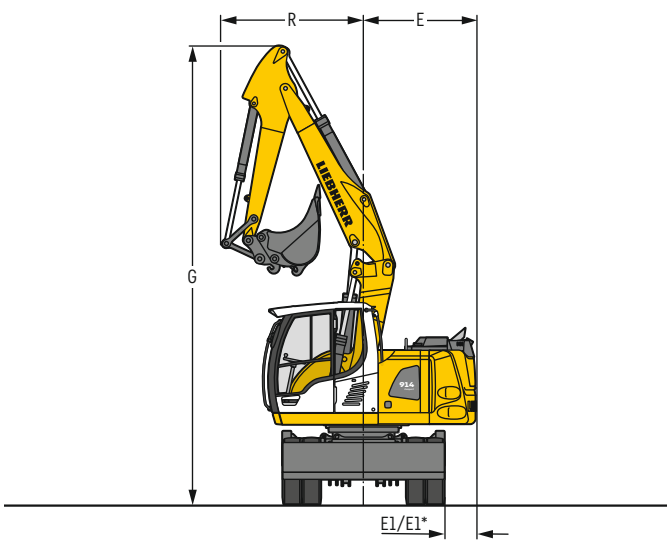
	ft in
A	8' 3"
B	8' 4"
B*	9'
B1	12' 1"
B2	8' 4"
B2*	9'
C	10' 5"
D	5' 9"
E	5' 9"
H	8' 6"
I2	1' 5"
I5	1' 3"
J2	2'
J5	1'11"
K	4'
L	8' 4"
M	3' 7"
M1	4' 9"
Q	1' 2"
T1	3' 5"
T2	4'
T5	3' 9"
U2	15'
U5	15' 7"

* EW undercarriage
E = Tail radius
Tires 10.00-20

	Stick	Two-piece boom 15'11"		Mono boom 15'1"	
		Rear blade	Rear outriggers + front blade	Rear blade	Rear outriggers + front blade
	ft in	ft in	ft in	ft in	ft in
V	6'9"	18'10"	18' 4"	17' 3"	18' 3"*
	7'5"	18' 1"	17' 7"	15'11"*	17' 1"*
	8'	16' 7"	17' 5"*	17' 3"*	18' 4"*
W	6'9"	9' 8"	9' 8"	9'10"	9'10"*
	7'5"	9' 8"	9' 8"	9' 6"*	9' 6"*
	8'	9' 2"	9' 2"*	10' 8"*	10' 8"*
X	6'9"	26' 7"	25'11"	25' 7"	26' 5"*
	7'5"	26' 5"	25'11"	25' 3"*	26' 5"*
	8'	26' 5"	27' 5"*	25' 5"*	26' 7"*

	Stick	Offset two-piece boom 16'1"		Offset mono boom 14'1"	
		Rear blade	Rear outriggers + front blade	Rear blade	Rear outriggers + front blade
	ft in	ft in	ft in	ft in	ft in
V	6'9"	20' 6"	20'	18' 6"	19' 4"*
	7'5"	18'10"	18'4"	17' 5"*	18' 6"*
	8'	17' 9"	18'8"*	18' 4"[1) 2)]	19' 2"*[1) 2)]
W	6'9"	10' 6"	10'6"	10'10"	10'10"*
	7'5"	10' 4"	10'4"	10'10"*	10'10"*
	8'	10' 2"	10'2"*	10' 4"[1)]	10' 4"*[1)]
X	6'9"	26' 7"	26'1"	24' 9"	25' 7"*
	7'5"	26' 7"	26'1"	24' 3"*	25' 5"*
	8'	26' 9"	27'7"*	24' 9"[1)]	25' 9"*[1)]

Dimensions are with equipment over steering axle
* Equipment over digging axle for shorter transport dimensions
[1)] without backhoe bucket
[2)] tipping cylinder retracted
W = Max. ground clearance including approx. 6" piping

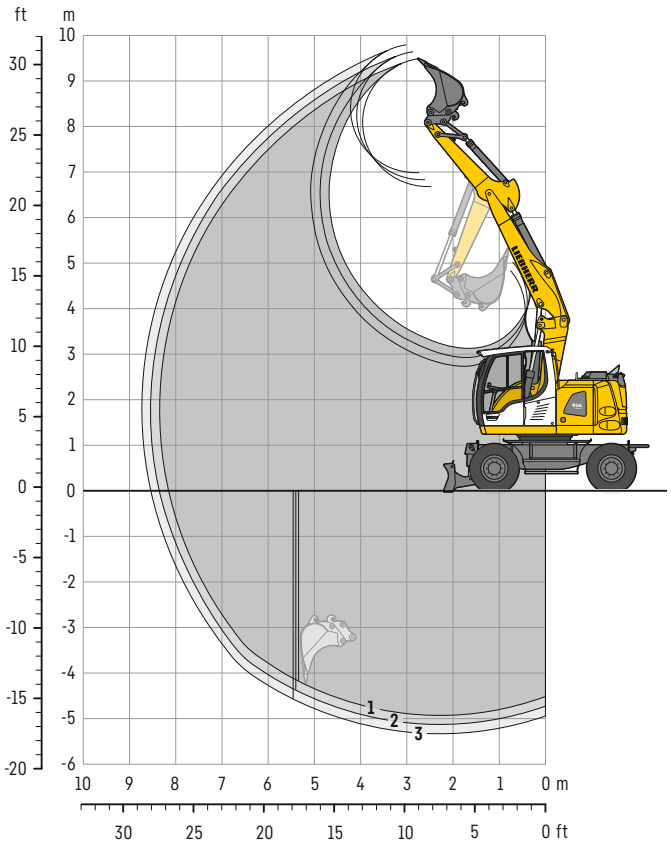


Boom	Stick ft in	G ft in	R ft in	E ft in	E1 ft in
Two-piece boom	6'9"	23'7"	6'11"	5'9"	1'7"/1'4"*
Two-piece boom	7'5"	23'7"	7' 1"	5'9"	1'7"/1'4"*
Two-piece boom	8'	23'7"	7' 3"	5'9"	1'7"/1'4"*

* EW undercarriage

Backhoe bucket

with two-piece boom 15'11"



Digging envelope

with quick coupler		1	2	3
Stick length	ft in	6' 9"	7' 5"	8'
Max. digging depth	ft in	16' 3"	16'11"	17'7"
Max. reach at ground level	ft in	26' 9"	27' 5"	28'1"
Max. dumping height	ft in	22'	22' 6"	23'
Max. teeth height	ft in	31' 2"	31' 8"	32'2"
Min. equipment radius	ft in	6'11"	7' 1"	7'3"

Digging forces

without quick coupler		1	2	3
Max. digging force (ISO 6015)	lbf	16,568	15,467	14,500
	lb	16,535	15,432	14,551
Max. breakout force (ISO 6015)	lbf	19,131	19,131	19,131
	lb	19,180	19,180	19,180

Max. breakout force with ripper bucket 27,899 lbf (27,778 lb)

Operating weight

The operating weight includes the basic machine with 8 tires plus intermediate rings, two-piece boom 15'11", stick 7'5", quick coupler SWA 33 and bucket 2'9" / 0.65 yd³.

Undercarriage versions	Weight (lb)
A 914 Compact Litronic with rear blade	34,200
A 914 Compact Litronic with rear outriggers + front blade	36,600
A 914 Compact EW Litronic with rear blade	34,600
A 914 Compact EW Litronic with rear outriggers + front blade	37,000

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

Cutting width	Capacity ISO 7451[1]	Weight	Stabilizers raised			Rear blade down			Rear outriggers + front blade down			EW Stabilizers raised			EW Rear blade down			EW Rear outriggers + front blade 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)		
ft in	yd³	lb	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'
1' [2]	0.22	485	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1' 4" [2]	0.31	551	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1' 8" [2]	0.37	551	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1'10" [2]	0.38	573	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2' 2" [2]	0.47	639	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2' 9" [2]	0.65	750	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3' 5" [2]	0.85	838	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 1" [2]	1.05	948	■	■	△	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1' [3]	0.24	463	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1' 4" [3]	0.34	529	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1' 8" [3]	0.39	529	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1'10" [3]	0.41	551	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2' 2" [3]	0.51	595	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2' 9" [3]	0.69	705	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3' 5" [3]	0.93	816	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 1" [3]	1.14	926	■	△	△	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

* 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 (also available in HD version)

[3] Bucket with cutting edge (also available in HD version)

Buckets up to 1'8" cutting width with limited digging depth

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

Lift capacities

with two-piece boom 15'11"

Stick 6'9"

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

Stick 7'5"

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

Stick 8'

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

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 33 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. 11,000 lb). Without the quick coupler, lift capacities will increase by up to 240 lb.

Lift capacities

with two-piece boom 15'11", EW undercarriage

Stick 6'9"

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

Stick 7'5"

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

Stick 8'

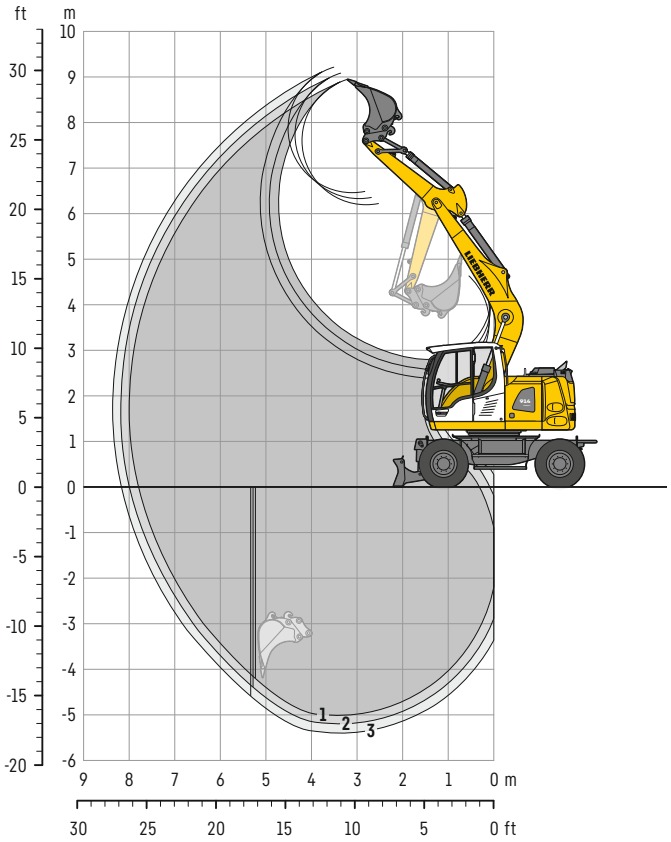
ft	Undercarriage stabilized rear	front	10 ft		15 ft		20 ft				ft in
	–	–							4,5*	4,5*	
25	Blade	–							4,5*	4,5*	15'
	Outriggers	Blade							4,5*	4,5*	
	–	–			7,8*	7,8*			3,9*	3,9*	
20	Blade	–			7,8*	7,8*			3,9*	3,9*	20'
	Outriggers	Blade			7,8*	7,8*			3,9*	3,9*	
	–	–			8,6	9,5*	5,4	7,5*	3,7*	3,7*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

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 33 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. 11,000 lb). Without the quick coupler, lift capacities will increase by up to 240 lb.

Backhoe bucket

with mono boom 15'1"



Digging envelope

with quick coupler		1	2	3
Stick length	ft in	6'9"	7' 5"	8'
Max. digging depth	ft in	16'5"	17' 1"	17' 9"
Max. reach at ground level	ft in	25'7"	26' 3"	26'11"
Max. dumping height	ft in	20'6"	20'10"	21' 4"
Max. teeth height	ft in	29'4"	29'10"	30' 4"
Min. equipment radius	ft in	6'1"	6' 2"	6' 3"

Digging forces

without quick coupler		1	2	3
Max. digging force (ISO 6015)	lbf	16,568	15,467	14,500
	lb	16,535	15,432	14,551
Max. breakout force (ISO 6015)	lbf	19,131	19,131	19,131
	lb	19,180	19,180	19,180

Max. breakout force with ripper bucket 27,899 lbf (27,778 lb)

Operating weight

The operating weight includes the basic machine with 8 tires plus intermediate rings, mono boom 15'1", stick 7'5", quick coupler SWA 33 and bucket 2'9" / 0.65 yd³.

Undercarriage versions	Weight (lb)
A 914 Compact Litronic with rear blade	33,300
A 914 Compact Litronic with rear outriggers + front blade	35,900
A 914 Compact EW Litronic with rear blade	33,700
A 914 Compact EW Litronic with rear outriggers + front blade	36,200

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

Cutting width	Capacity ISO 7451[1]	Weight	Stabilizers raised			Rear blade down			Rear outriggers + front blade down			EW Stabilizers raised			EW Rear blade down			EW Rear outriggers + front blade 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)		
ft in	yd³	lb	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'
1' [2]	0.22	485	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1' 4" [2]	0.31	551	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1' 8" [2]	0.37	551	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1'10" [2]	0.38	573	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2' 2" [2]	0.47	639	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2' 9" [2]	0.65	750	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3' 5" [2]	0.85	838	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 1" [2]	1.05	948	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1' [3]	0.24	463	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1' 4" [3]	0.34	529	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1' 8" [3]	0.39	529	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1'10" [3]	0.41	551	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2' 2" [3]	0.51	595	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2' 9" [3]	0.69	705	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3' 5" [3]	0.93	816	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4' 1" [3]	1.14	926	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

* 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 (also available in HD version)

[3] Bucket with cutting edge (also available in HD version)

Buckets up to 1'8" cutting width with limited digging depth

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

Lift capacities

with mono boom 15'1"

Stick 6'9"

ft	Undercarriage stabilized rear	front	10 ft		15 ft		20 ft				ft in
	–	–									
25	Blade	–									
	Outriggers	Blade									
	–	–			7,1*	7,1*			4,7*	4,7*	
20	Blade	–			7,1*	7,1*			4,7*	4,7*	**16'8"**
	Outriggers	Blade			7,1*	7,1*			4,7*	4,7*	
	–	–	9,8*	9,8*	7,4	8,8*	4,6*	4,6*	4,5*	4,5*	
15	Blade	–	9,8*	9,8*	8,2	8,8*	4,6*	4,6*	4,5*	4,5*	**20'**
	Outriggers	Blade	9,8*	9,8*	8,8*	8,8*	4,6*	4,6*	4,5*	4,5*	
	–	–	12,7	15,3*	6,9	10,7*	4,5	7,5	3,9	4,8*	
10	Blade	–	14,4	15,3*	7,7	10,7*	5,0	8,9*	4,4	4,8*	**21'8"**
	Outriggers	Blade	15,3*	15,3*	10,7*	10,7*	8,1	8,9*	4,8*	4,8*	
	–	–	11,2	20,3*	6,4	11,2	4,2	7,3	3,7	5,4*	
5	Blade	–	12,8	20,3*	7,2	12,7*	4,8	9,7*	4,1	5,4*	**22'1"**
	Outriggers	Blade	20,3*	20,3*	12,0	12,7*	7,8	9,7*	5,4*	5,4*	
	–	–	10,7	19,2*	6,0	10,8	4,1	7,1	3,7	6,5	
0	Blade	–	12,3	19,2*	6,8	13,8*	4,6	10,1*	4,2	6,6*	**21'4"**
	Outriggers	Blade	19,2*	19,2*	11,6	13,8*	7,6	10,1*	6,6*	6,6*	
	–	–	10,6	19,8*	5,9	10,7			4,3	7,5	
– 5	Blade	–	12,3	19,8*	6,7	13,3*			4,8	9,6*	**19'2"**
	Outriggers	Blade	19,8*	19,8*	11,5	13,3*			8,1	9,6*	
	–	–	10,9	15,8*	6,1	10,6*			6,0	10,4*	
–10	Blade	–	12,5	15,8*	6,9	10,6*			6,8	10,4*	**15'1"**
	Outriggers	Blade	15,8*	15,8*	10,6*	10,6*			10,4*	10,4*	

Stick 7'5"

ft	Undercarriage stabilized rear	front	10 ft		15 ft		20 ft				ft in
	–	–									
25	Blade	–									
	Outriggers	Blade									
	–	–			7,1*	7,1*			4,2*	4,2*	
20	Blade	–			7,1*	7,1*			4,2*	4,2*	**17' 6"**
	Outriggers	Blade			7,1*	7,1*			4,2*	4,2*	
	–	–			7,5	8,4*	4,7	5,5*	4,1*	4,1*	
15	Blade	–			8,3	8,4*	5,2	5,5*	4,1*	4,1*	**20' 8"**
	Outriggers	Blade			8,4*	8,4*	5,5*	5,5*	4,1*	4,1*	
	–	–	12,9	14,4*	7,0	10,3*	4,5	7,5	3,7	4,3*	
10	Blade	–	14,4*	14,4*	7,8	10,3*	5,0	8,7*	4,2	4,3*	**22' 4"**
	Outriggers	Blade	14,4*	14,4*	10,3*	10,3*	8,1	8,7*	4,3*	4,3*	
	–	–	11,3	20,0*	6,4	11,2	4,2	7,3	3,5	4,8*	
5	Blade	–	12,9	20,0*	7,2	12,4*	4,8	9,5*	3,9	4,8*	**22' 8"**
	Outriggers	Blade	20,0*	20,0*	12,1	12,4*	7,8	9,5*	4,8*	4,8*	
	–	–	10,6	19,2*	6,0	10,8	4,0	7,0	3,5	5,8*	
0	Blade	–	12,2	19,2*	6,8	13,7*	4,6	10,0*	4,0	5,8*	**21'11"**
	Outriggers	Blade	19,2*	19,2*	11,6	13,7*	7,6	10,0*	5,9*	5,9*	
	–	–	10,5	20,2*	5,8	10,6			4,0	7,0	
– 5	Blade	–	12,2	20,2*	6,7	13,4*			4,5	8,2*	**19'11"**
	Outriggers	Blade	20,1*	20,1*	11,4	13,4*			7,6	8,2*	
	–	–	10,8	16,5*	6,0	10,7			5,5	9,7	
–10	Blade	–	12,4	16,5*	6,8	11,1*			6,2	10,1*	**16'**
	Outriggers	Blade	16,5*	16,5*	11,1*	11,1*			10,1*	10,1*	

Stick 8'

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

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 33 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. 11,000 lb). Without the quick coupler, lift capacities will increase by up to 240 lb.

Lift capacities

with mono boom 15'1", EW undercarriage

Stick 6'9"

ft	Undercarriage stabilized rear	front	10 ft		15 ft		20 ft				ft in
	–	–									
25	Blade	–									
	Outriggers	Blade									
	–	–			7,1*	7,1*			4,7*	4,7*	
20	Blade	–			7,1*	7,1*			4,7*	4,7*	16'8"
	Outriggers	Blade			7,1*	7,1*			4,7*	4,7*	
	–	–	9,8*	9,8*	8,3	88*	4,6*	4,6*	4,5*	4,5*	
15	Blade	–	9,8*	,98*	8,8*	88*	4,6*	4,6*	4,5*	4,5*	20'
	Outriggers	Blade	9,8*	9,8*	8,8*	88*	4,6*	4,6*	4,5*	4,5*	
	–	–	14,6	15,3*	7,8	10,7*	5,1	7,7	4,5	4,8*	
10	Blade	–	15,3*	15,3*	8,9	10,7*	5,8	8,9*	4,8*	4,8*	21'8"
	Outriggers	Blade	15,3*	15,3*	10,7*	10,7*	8,5	8,9*	4,8*	4,8*	
	–	–	13,0	20,3*	7,3	11,5	4,8	7,5	4,2	5,4*	
5	Blade	–	15,2	20,3*	8,3	12,7*	5,5	9,0	4,8	5,4*	22'1"
	Outriggers	Blade	20,3*	20,3*	12,7*	12,7*	8,3	9,7*	5,4*	5,4*	
	–	–	12,5	19,2*	6,9	11,1	4,7	7,3	4,3	6,6*	
0	Blade	–	14,6	19,2*	8,0	13,7	5,3	8,8	4,9	6,6*	21'4"
	Outriggers	Blade	19,2*	19,2*	12,4	13,8*	8,1	10,1*	6,6*	6,6*	
	–	–	12,4	19,8*	6,8	10,9			4,9	7,7	
– 5	Blade	–	14,6	19,8*	7,8	13,3*			5,6	9,3	19'2"
	Outriggers	Blade	19,8*	19,8*	12,2	13,3*			8,5	9,6*	
	–	–	12,7	15,8*	7,0	10,6*			6,9	10,4*	
–10	Blade	–	14,9	15,8*	8,0	10,6*			7,9	10,4*	15'1"
	Outriggers	Blade	15,8*	15,8*	10,6*	10,6*			10,4*	10,4*	

Stick 7'5"

ft	Undercarriage stabilized rear	front	10 ft		15 ft		20 ft				ft in
	–	–									
25	Blade	–									
	Outriggers	Blade									
	–	–			7,1*	7,1*			4,2*	4,2*	
20	Blade	–			7,1*	7,1*			4,2*	4,2*	17' 6"
	Outriggers	Blade			7,1*	7,1*			4,2*	4,2*	
	–	–			8,4*	8,4*	5,3	5,5*	4,1*	4,1*	
15	Blade	–			8,4*	8,4*	5,5*	5,5*	4,1*	4,1*	20' 8"
	Outriggers	Blade			8,4*	8,4*	5,5*	5,5*	4,1*	4,1*	
	–	–	14,4*	14,4*	7,9	10,3*	5,1	7,7	4,3	4,3*	
10	Blade	–	14,4*	14,4*	8,9	10,3*	5,8	8,7*	4,3*	4,3*	22' 4"
	Outriggers	Blade	14,4*	14,4*	10,3*	10,3*	8,5	8,7*	4,3*	4,3*	
	–	–	13,1	20,0*	7,3	11,5	4,8	7,5	4,0	4,8*	
5	Blade	–	15,3	20,0*	8,3	12,4*	5,5	9,0	4,6	4,8*	22' 8"
	Outriggers	Blade	20,0*	20,0*	12,4*	12,4*	8,3	9,5*	4,8*	4,8*	
	–	–	12,4	19,2*	6,9	11,0	4,6	7,2	4,1	5,8*	
0	Blade	–	14,6	19,2*	7,9	13,7*	5,3	8,8	4,7	5,8*	21'11"
	Outriggers	Blade	19,2*	19,2*	12,3	13,7*	8,1	10,0*	5,8*	5,8*	
	–	–	12,3	20,2*	6,7	10,9			4,6	7,2	
– 5	Blade	–	14,5	20,2*	7,8	13,4*			5,3	8,2*	19'11"
	Outriggers	Blade	20,2*	20,2*	12,2	13,4*			8,1	8,2*	
	–	–	12,6	16,5*	6,9	11,0			6,3	10,0	
–10	Blade	–	14,7	16,5*	7,9	11,1*			7,2	10,1*	16'
	Outriggers	Blade	16,5*	16,5*	11,1*	11,1*			10,1*	10,1*	

Stick 8'

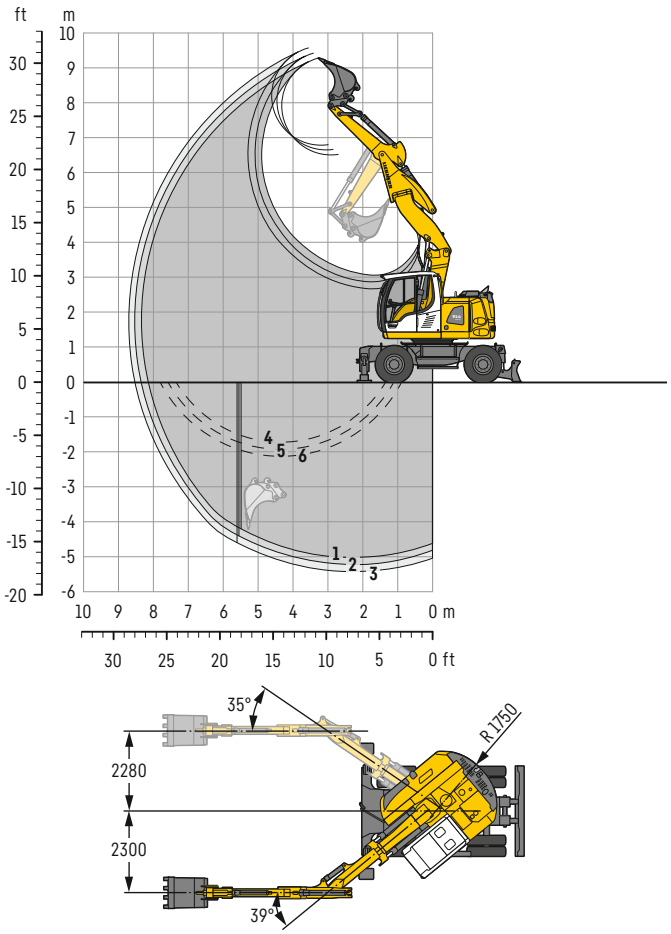
ft	Undercarriage stabilized rear	front	10 ft		15 ft		20 ft				ft in
	–	–							4,5*	4,5*	
25	Blade	–							4,5*	4,5*	12' 8"
	Outriggers	Blade							4,5*	4,5*	
	–	–			7,0*	7,0*			3,9*	3,9*	
20	Blade	–			7,0*	7,0*			3,9*	3,9*	18' 4"
	Outriggers	Blade			7,0*	7,0*			3,9*	3,9*	
	–	–			7,9*	7,9*	5,3	5,9*	3,7*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

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 33 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. 11,000 lb). Without the quick coupler, lift capacities will increase by up to 240 lb.

Backhoe bucket

with offset two-piece boom 16'1"



Digging envelope

with quick coupler		1	2	3
Stick length	ft in	6' 9"	7'5"	8'
Max. digging depth	ft in	16' 5"	17'1"	17'9"
Max. reach at ground level	ft in	26' 9"	27'5"	28'1"
Max. dumping height	ft in	21' 6"	22'	22'4"
Max. teeth height	ft in	30' 6"	31'	31'6"
Min. equipment radius	ft in	6'11"	7'1"	7'2"

1 with stick 6'9"
2 with stick 7'5"
3 with stick 8'
with set straight boom

4 with stick 6'9"
5 with stick 7'5"
6 with stick 8'
at max. equipment offset with vertical ditch walls

Digging forces

without quick coupler		1	2	3
Max. digging force (ISO 6015)	kN	16,568	15,467	14,500
	t	16,535	15,432	14,551
Max. breakout force (ISO 6015)	kN	19,131	19,131	19,131
	t	19,180	19,180	19,180

Max. breakout force with ripper bucket 27,899 lbf (27,778 lb)

Operating weight

The operating weight includes the basic machine with 8 tires plus intermediate rings, offset two-piece boom 16'1", stick 7'5", quick coupler SWA 33 and bucket 2'9" / 0.65 yd³.

Undercarriage versions	Weight (lb)
A 914 Compact Litronic with rear outriggers + front blade	37,900
A 914 Compact EW Litronic with rear outriggers + front blade	37,900

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

Cutting width	Capacity ISO 7451[1]	Weight	Stabilizers raised			Rear outriggers + front blade down			EW Stabilizers raised			EW Rear outriggers + front blade down		
			Stick length (ft in)			Stick length (ft in)			Stick length (ft in)			Stick length (ft in)		
ft in	yd³	lb	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'
1' 8"[2]	0.37	551	■	■	■	■	■	■	■	■	■	■	■	■
1'10"[2]	0.38	573	■	■	■	■	■	■	■	■	■	■	■	■
2' 2"[2]	0.47	639	■	■	■	■	■	■	■	■	■	■	■	■
2' 9"[2]	0.65	750	■	■	■	■	■	■	■	■	■	■	■	■
3' 5"[2]	0.85	838	■	■	■	■	■	■	■	■	■	■	■	■
4' 1"[2]	1.05	948	△	△	△	■	■	■	■	■	■	■	■	■
1' 8"[3]	0.39	529	■	■	■	■	■	■	■	■	■	■	■	■
1'10"[3]	0.41	551	■	■	■	■	■	■	■	■	■	■	■	■
2' 2"[3]	0.51	595	■	■	■	■	■	■	■	■	■	■	■	■
2' 9"[3]	0.69	705	■	■	■	■	■	■	■	■	■	■	■	■
3' 5"[3]	0.93	816	■	■	△	■	■	■	■	■	■	■	■	■
4' 1"[3]	1.14	926	△	△	-	■	■	■	■	■	△	■	■	■

* 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 (also available in HD version)
[3] Bucket with cutting edge (also available in HD version)
Buckets with 1'8" cutting width with limited digging depth

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

Lift capacities

with offset two-piece boom 16'1"

Stick 6'9"

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

Stick 7'5"

ft	Undercarriage stabilized rear	Undercarriage stabilized front	10 ft		15 ft		20 ft				ft in
25	–	–							4,7*	4,7*	13' 8"
	Outriggers	Blade							4,7*	4,7*	
20	–	–			7,8	8,0*			4,1*	4,1*	19'
	Outriggers	Blade			8,1*	8,1*			4,1*	4,1*	
15	–	–			7,7	9,7*	4,6	7,4*	3,7	4,0*	22'
	Outriggers	Blade			9,7*	9,7*	7,4*	7,4*	4,0*	4,0*	
10	–	–	13,2	16,8*	7,5	11,2*	4,5	7,6	3,1	4,2*	23' 6"
	Outriggers	Blade	16,8*	16,8*	11,2*	11,2*	8,1	8,8*	4,2*	4,2*	
5	–	–	12,8	19,5*	7,4	11,3	4,3	7,3	2,8	4,6*	23'11"
	Outriggers	Blade	19,5*	19,5*	11,9	12,5*	7,9	9,3*	4,6*	4,6*	
0	–	–	12,7	20,2*	6,9	11,4	3,9	7,0	2,8	5,3	23' 2"
	Outriggers	Blade	20,2*	20,2*	12,0	12,9*	7,5	9,4*	5,5*	5,5*	
– 5	–	–	11,7	20,7*	6,0	11,0	3,5	6,6	3,1	6,0	21' 2"
	Outriggers	Blade	20,7*	20,7*	11,8	13,3*	7,2	8,8*	6,5	7,2*	
–10	–	–	10,6	20,0*	5,4	10,3			4,2	6,7*	17' 8"
	Outriggers	Blade	20,0*	20,0*	10,7*	10,7*			6,7*	6,7*	

Stick 8'

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

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 33 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. 11,000 lb). Without the quick coupler, lift capacities will increase by up to 240 lb.

Lift capacities

with offset two-piece boom 16'1", EW undercarriage

Stick 6'9"

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

Stick 7'5"

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

Stick 8'

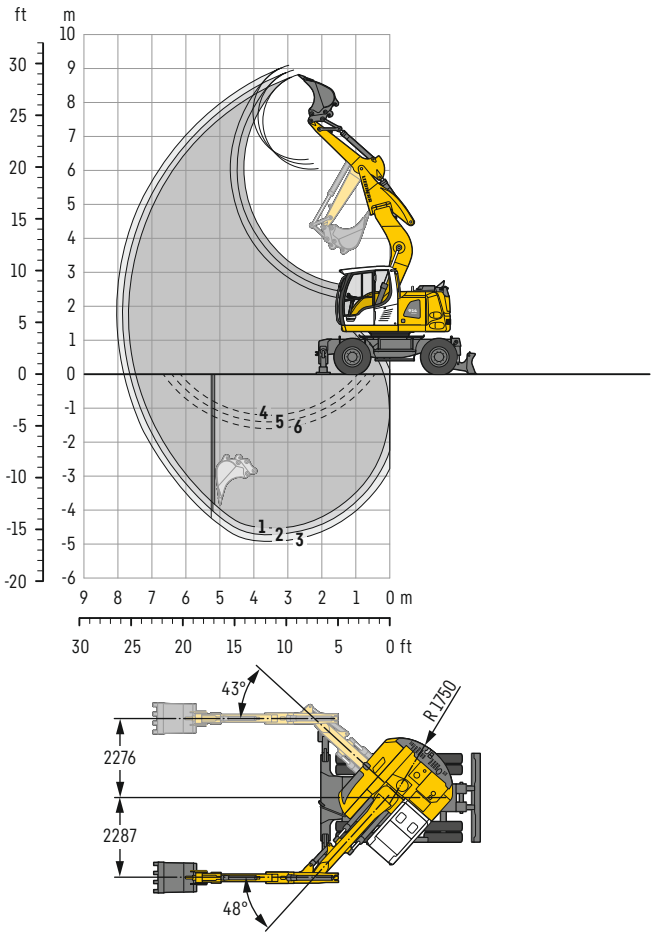
ft	Undercarriage stabilized rear	Undercarriage stabilized front	10 ft		15 ft		20 ft				ft in
25	–	–							4,3*	4,3*	14'10"
	Outriggers	Blade							4,3*	4,3*	
20	–	–			7,6*	7,6*			3,8*	3,8*	19'10"
	Outriggers	Blade			7,6*	7,6*			3,8*	3,8*	
15	–	–			8,5	9,4*	5,3	7,3*	3,7*	3,7*	22' 8"
	Outriggers	Blade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

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 33 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. 11,000 lb). Without the quick coupler, lift capacities will increase by up to 240 lb.

Backhoe bucket

with offset mono boom 14'1"



Digging envelope

with quick coupler		1	2	3
Stick length	ft in	6' 9"	7'5"	8'
Max. digging depth	ft in	14'11"	15'7"	16' 3"
Max. reach at ground level	ft in	24' 5"	25'1"	25' 9"
Max. dumping height	ft in	19'10"	20'4"	20'10"
Max. teeth height	ft in	28'10"	29'4"	29'10"
Min. equipment radius	ft in	4'11"	5'	5' 1"

1 with stick 6'9"
2 with stick 7'5"
3 with stick 8'
with set straight boom

4 with stick 6'9"
5 with stick 7'5"
6 with stick 8'
at max. equipment offset with vertical ditch walls

Digging forces

without quick coupler		1	2	3
Max. digging force (ISO 6015)	lbf	16,568	15,467	14,500
	lb	16,535	15,432	14,551
Max. breakout force (ISO 6015)	lbf	19,131	19,131	19,131
	lb	19,180	19,180	19,180

Max. breakout force with ripper bucket 27,899 lbf (27,778 lb)

Operating weight

The operating weight includes the basic machine with 8 tires plus intermediate rings, offset mono boom 14'1", stick 7'5", quick coupler SWA 33 and bucket 2'9" / 0.65 yd³.

Undercarriage versions	Weight (lb)
A 914 Compact Litronic with rear outriggers + front blade	36,600
A 914 Compact EW Litronic with rear outriggers + front blade	36,800

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

Cutting width	Capacity ISO 7451[1]	Weight	Stabilizers raised			Rear outriggers + front blade down			EW Stabilizers raised			EW Rear outriggers + front blade down		
			Stick length (ft in)			Stick length (ft in)			Stick length (ft in)			Stick length (ft in)		
ft in	yd³	lb	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'
1' 8"[2]	0.37	551	■	■	■	■	■	■	■	■	■	■	■	■
1'10"[2]	0.38	573	■	■	■	■	■	■	■	■	■	■	■	■
2' 2"[2]	0.47	639	■	■	■	■	■	■	■	■	■	■	■	■
2' 9"[2]	0.65	750	■	■	■	■	■	■	■	■	■	■	■	■
3' 5"[2]	0.85	838	■	■	■	■	■	■	■	■	■	■	■	■
4' 1"[2]	1.05	948	■	■	■	■	■	■	■	■	■	■	■	■
1' 8"[3]	0.39	529	■	■	■	■	■	■	■	■	■	■	■	■
1'10"[3]	0.41	551	■	■	■	■	■	■	■	■	■	■	■	■
2' 2"[3]	0.51	595	■	■	■	■	■	■	■	■	■	■	■	■
2' 9"[3]	0.69	705	■	■	■	■	■	■	■	■	■	■	■	■
3' 5"[3]	0.93	816	■	■	■	■	■	■	■	■	■	■	■	■
4' 1"[3]	1.14	926	■	■	■	■	■	■	■	■	■	■	■	■

* 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 (also available in HD version)
[3] Bucket with cutting edge (also available in HD version)
Buckets with 1'8" cutting width with limited digging depth

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

Lift capacities

with offset mono boom 14'1"

Stick 6'9"

ft	Undercarriage stabilized rear	Undercarriage stabilized front	10 ft		15 ft		20 ft				ft in
25	–	–									
	Outriggers	Blade									
20	–	–			4,9*	4,9*			4,6*	4,6*	15' 2"
	Outriggers	Blade			4,9*	4,9*			4,6*	4,6*	
15	–	–	10,9*	10,9*	7,4	9,6*			4,4*	4,4*	18'10"
	Outriggers	Blade	10,9*	10,9*	9,6*	9,6*			4,4*	4,4*	
10	–	–	12,8	15,6*	6,9	11,2*	4,3	6,2*	4,1	4,7*	20' 6"
	Outriggers	Blade	15,6*	15,6*	11,2*	11,2*	6,2*	6,2*	4,7*	4,7*	
5	–	–	11,1	20,3*	6,2	11,1	4,1	7,1	3,8	5,3*	21'
	Outriggers	Blade	20,3*	20,3*	11,9	12,9*	7,7	8,9*	5,3*	5,3*	
0	–	–	10,3	21,0	5,8	10,6	3,9	6,9	3,9	6,8*	20' 1"
	Outriggers	Blade	21,0*	21,0*	11,5	13,6*	7,5	7,5*	6,8*	6,8*	
– 5	–	–	10,2	18,6*	5,7	10,5			4,5	8,1	17'11"
	Outriggers	Blade	18,6*	18,6*	11,3	12,5*			8,7	10,0*	
–10	–	–	10,6	13,1*					6,9	9,8*	13' 5"
	Outriggers	Blade	13,1*	13,1*					9,8*	9,8*	

Stick 7'5"

ft	Undercarriage stabilized rear	Undercarriage stabilized front	10 ft		15 ft		20 ft				ft in
25	–	–									
	Outriggers	Blade									
20	–	–			5,6*	5,6*			4,1*	4,1*	16'
	Outriggers	Blade			5,6*	5,6*			4,1*	4,1*	
15	–	–	10,0*	10,0*	7,4	9,1*			4,0*	4,0*	19' 6"
	Outriggers	Blade	10,0*	10,0*	9,1*	9,1*			4,0*	4,0*	
10	–	–	13,0	14,7*	6,9	10,8*	4,3	6,9*	3,9	4,2*	21' 2"
	Outriggers	Blade	14,8*	14,8*	10,8*	10,8*	6,9*	6,9*	4,2*	4,2*	
5	–	–	11,2	19,8*	6,3	11,1	4,1	7,1	3,6	4,8*	21' 7"
	Outriggers	Blade	19,8*	19,8*	12,0	12,6*	7,7	9,5*	4,8*	4,8*	
0	–	–	10,3	21,0	5,8	10,6	3,9	6,9	3,7	5,9*	20'10"
	Outriggers	Blade	21,0*	21,0*	11,4	13,5*	7,5	9,4*	5,9*	5,9*	
– 5	–	–	10,1	19,0*	5,6	10,4			4,2	7,6	18' 7"
	Outriggers	Blade	19,0*	19,0*	11,2	12,7*			8,2	8,7*	
–10	–	–	10,4	14,1*					6,1	9,7*	14' 5"
	Outriggers	Blade	14,1*	14,1*					9,7*	9,7*	

Stick 8'

ft	Undercarriage stabilized rear	Undercarriage stabilized front	10 ft		15 ft		20 ft				ft in
25	–	–							4,6*	4,6*	10' 5"
	Outriggers	Blade							4,6*	4,6*	
20	–	–			5,9*	5,9*			3,8*	3,8*	16'11"
	Outriggers	Blade			5,9*	5,9*			3,8*	3,8*	
15	–	–			7,5	8,5*	3,9*	3,9*	3,6*	3,6*	20' 2"
	Outriggers	Blade			8,5*	8,5*	3,9*	3,9*	3,6*	3,6*	
10	–	–	13,3	13,9*	7,0	10,4*	4,4	7,2*	3,7	3,8*	21'10"
	Outriggers	Blade	13,9*	13,9*	10,4*	10,4*	7,2*	7,2*	3,8*	3,8*	
5	–	–	11,3	19,2*	6,3	11,2	4,1	7,1	3,4	4,3*	22' 2"
	Outriggers	Blade	19,2*	19,2*	12,0	12,3*	7,7	9,5*	4,3*	4,3*	
0	–	–	10,2	20,9	5,8	10,6	3,8	6,9	3,5	5,2*	21' 5"
	Outriggers	Blade	21,0*	21,0*	11,4	13,4*	7,4	9,8*	5,2*	5,2*	
– 5	–	–	10,0	19,4*	5,6	10,3			3,9	7,1	19' 4"
	Outriggers	Blade	19,4*	19,4*	11,2	12,8*			7,5*	7,5*	
–10	–	–	10,3	14,9*	5,7	9,8*			5,5	9,5*	15' 4"
	Outriggers	Blade	14,9*	14,9*	9,8*	9,8*			9,5*	9,5*	

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 33 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. 11,000 lb). Without the quick coupler, lift capacities will increase by up to 240 lb.

Lift capacities

with offset mono boom 14'1", EW undercarriage

Stick 6'9"

ft	Undercarriage stabilized rear	Undercarriage stabilized front	10 ft		15 ft		20 ft				ft in
25	–	–									
	Outriggers	Blade									
20	–	–			4,9*	4,9*			4,6*	4,6*	15' 2"
	Outriggers	Blade			4,9*	4,9*			4,6*	4,6*	
15	–	–	10,9*	10,9*	8,3	9,6*			4,4*	4,4*	18'10"
	Outriggers	Blade	10,9*	10,9*	9,6*	9,6*			4,4*	4,4*	
10	–	–	14,8	15,6*	7,8	11,2*	4,9	6,2*	4,7*	4,7*	20' 6"
	Outriggers	Blade	15,6*	15,6*	11,2*	11,2*	6,2*	6,2*	4,7*	4,7*	
5	–	–	12,9	20,3*	7,2	11,4	4,7	7,3	4,4	5,3*	21'
	Outriggers	Blade	20,3*	20,3*	12,7	12,9*	8,2	8,9*	5,3*	5,3*	
0	–	–	12,1	21,0*	6,7	10,9	4,5	7,1	4,5	6,8*	20' 1"
	Outriggers	Blade	21,0*	21,0*	12,2	13,6*	7,5*	7,5*	6,8*	6,8*	
– 5	–	–	12,0	18,6*	6,6	10,8			5,2	8,3	17'11"
	Outriggers	Blade	18,6*	18,6*	12,1	12,5*			9,3	10,0*	
–10	–	–	12,4	13,1*					7,9	9,8*	13' 5"
	Outriggers	Blade	13,1*	13,1*					9,8*	9,8*	

Stick 7'5"

ft	Undercarriage stabilized rear	Undercarriage stabilized front	10 ft		15 ft		20 ft				ft in
25	–	–									
	Outriggers	Blade									
20	–	–			5,6*	5,6*			4,1*	4,1*	16'
	Outriggers	Blade			5,6*	5,6*			4,1*	4,1*	
15	–	–	10,0*	10,0*	8,4	9,1*			4,0*	4,0*	19' 6"
	Outriggers	Blade	10,0*	10,0*	9,1*	9,1*			4,0*	4,0*	
10	–	–	14,7*	14,7*	7,8	10,8*	5,0	6,9*	4,2*	4,2*	21' 2"
	Outriggers	Blade	14,7*	14,7*	10,8*	10,8*	6,9*	6,9*	4,2*	4,2*	
5	–	–	13,0	19,8*	7,2	11,4	4,7	7,3	4,2	4,8*	21' 7"
	Outriggers	Blade	19,8*	19,8*	12,6*	12,6*	8,2	9,5*	4,8*	4,8*	
0	–	–	12,1	21,0*	6,7	10,9	4,5	7,1	4,2	5,9*	20'10"
	Outriggers	Blade	21,0*	21,0*	12,2	13,5*	7,9	9,4*	5,9*	5,9*	
– 5	–	–	11,9	19,0*	6,5	10,7			4,9	7,8	18' 7"
	Outriggers	Blade	19,0*	19,0*	12,0	12,7*			8,7	8,7*	
–10	–	–	12,3	14,1*					7,1	9,7*	14' 5"
	Outriggers	Blade	14,1*	14,1*					9,7*	9,7*	

Stick 8'

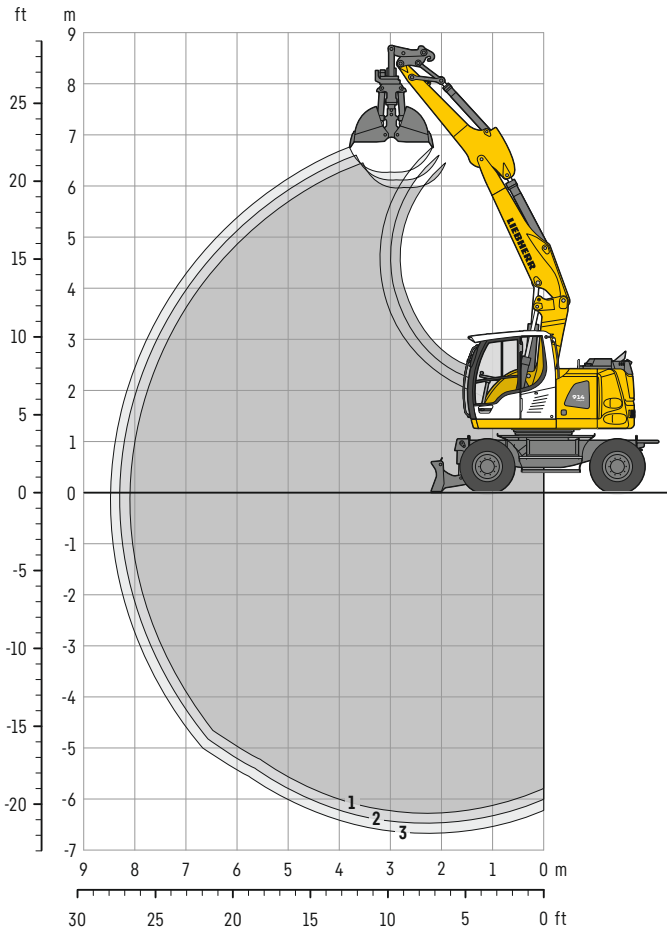
ft	Undercarriage stabilized rear	Undercarriage stabilized front	10 ft		15 ft		20 ft				ft in
25	–	–							4,6*	4,6*	10' 5"
	Outriggers	Blade							4,6*	4,6*	
20	–	–			5,9*	5,9*			3,8*	3,8*	16'11"
	Outriggers	Blade			5,9*	5,9*			3,8*	3,8*	
15	–	–			8,5	8,5*	3,9*	3,9*	3,6*	3,6*	20' 2"
	Outriggers	Blade			8,5*	8,5*	3,9*	3,9*	3,6*	3,6*	
10	–	–	13,9*	13,9*	7,9	10,4*	5,0	7,2*	3,8*	3,8*	21'10"
	Outriggers	Blade	13,9*	13,9*	10,4*	10,4*	7,2*	7,2*	3,8*	3,8*	
5	–	–	13,1	19,2*	7,2	11,5	4,7	7,3	4,0	4,3*	22' 2"
	Outriggers	Blade	19,2*	19,2*	12,3*	12,3*	8,2	9,5*	4,3*	4,3*	
0	–	–	12,1	21,0*	6,7	10,9	4,4	7,1	4,0	5,2*	21' 5"
	Outriggers	Blade	21,0*	21,0*	12,2	13,4*	7,9	9,8*	5,2*	5,2*	
– 5	–	–	11,8	19,4*	6,5	10,6			4,6	7,3	19' 4"
	Outriggers	Blade	19,4*	19,4*	11,9	12,8*			7,5*	7,5*	
–10	–	–	12,1	14,9*	6,6	9,8*			6,4	9,5*	15' 4"
	Outriggers	Blade	14,9*	14,9*	9,8*	9,8*			9,5*	9,5*	

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 33 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. 11,000 lb). Without the quick coupler, lift capacities will increase by up to 240 lb.

Clamshell grab

with two-piece boom 15'11"



Digging envelope

with quick coupler		1	2	3
Stick length	ft in	6'9"	7'5"	8'
Max. digging depth	ft in	20'8"	21'4"	22'
Max. reach at ground level	ft in	26'7"	27'3"	27'11"
Max. dumping height	ft in	19'8"	20'2"	20' 8"

Operating weight

The operating weight includes the basic machine with 8 tires plus intermediate rings, two-piece boom 15'11", stick 7'5", quick coupler SWA 33 and clamshell grab GM 8B / 0.52 yd³ (2'7" without ejector).

Undercarriage versions	Weight (lb)
A 914 Compact Litronic with rear blade	35,100
A 914 Compact Litronic with rear outriggers + front blade	37,700
A 914 Compact EW Litronic with rear blade	35,700
A 914 Compact EW Litronic with rear outriggers + front blade	37,900

Clamshell grabs GM 8B Machine stability per ISO 10567* (75 % of tipping capacity)

Width of clamshells	Capacity	Weight	Stabilizers raised			Rear blade down			Rear outriggers + front blade down			EW Stabilizers raised			EW Rear blade down			EW Rear outriggers + front blade 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)		
ft in	yd³	lb	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'
1'1" [1]	0.22	1,830	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1'4" [1]	0.29	1,918	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2' [1]	0.39	1,896	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2'7" [1]	0.52	2,006	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3'3" [1] [3]	1.05	2,227	–	–	–	△	△	–	■	■	■	△	△	△	■	■	■	■	■	■
1'1" [2]	0.22	1,940	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1'4" [2]	0.29	2,050	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2' [2]	0.39	2,094	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2'7" [2]	0.52	2,249	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

* 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] without ejector

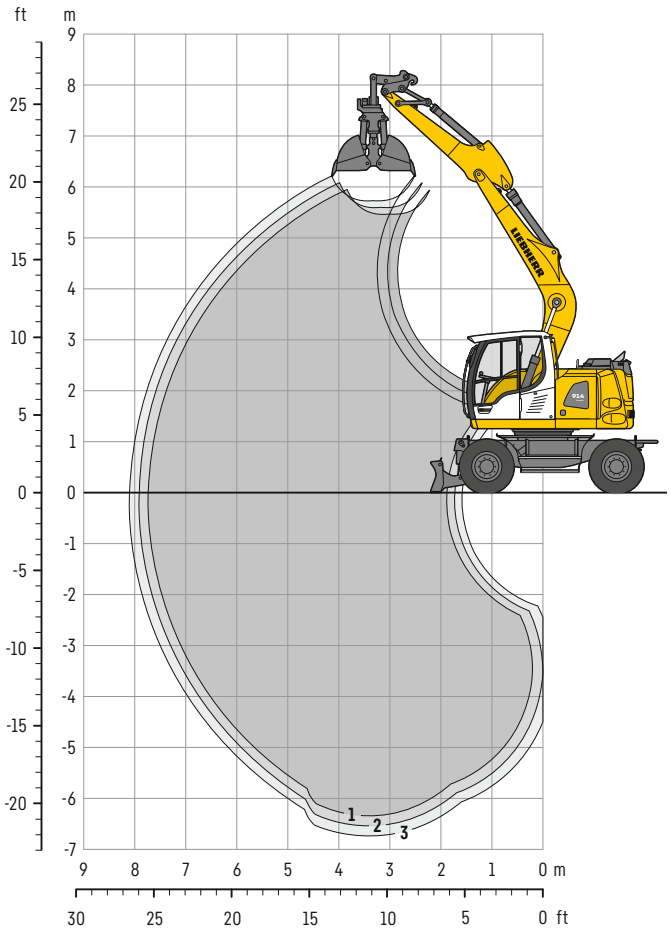
[2] with ejector

[3] Shells for loose material

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

Clamshell grab

with mono boom 15'1"



Digging envelope

with quick coupler		1	2	3
Stick length	ft in	6' 9"	7' 5"	8'
Max. digging depth	ft in	20'10"	21' 6"	22' 2"
Max. reach at ground level	ft in	25' 5"	25'11"	26' 7"
Max. dumping height	ft in	17'11"	18' 4"	18'10"

Operating weight

The operating weight includes the basic machine with 8 tires plus intermediate rings, mono boom 15'1", stick 7'5", quick coupler SWA 33 and clamshell grab GM 8B / 0.52 yd³ (2'7" without ejector).

Undercarriage versions	Weight (lb)
A 914 Compact Litronic with rear blade	34,400
A 914 Compact Litronic with rear outriggers + front blade	37,000
A 914 Compact EW Litronic with rear blade	34,800
A 914 Compact EW Litronic with rear outriggers + front blade	37,300

Clamshell grabs GM 8B Machine stability per ISO 10567* (75 % of tipping capacity)

Width of clamshells	Capacity	Weight	Stabilizers raised			Rear blade down			Rear outriggers + front blade down			EW Stabilizers raised			EW Rear blade down			EW Rear outriggers + front blade 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)		
ft in	yd³	lb	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'
1'1" [1]	0.22	1,830	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1'4" [1]	0.29	1,918	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2' [1]	0.39	1,896	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2'7" [1]	0.52	2,006	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3'3" [1] [3]	1.05	2,227	△	△	-	■	△	△	■	■	■	■	△	△	■	■	■	■	■	■
1'1" [2]	0.22	1,940	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1'4" [2]	0.29	2,050	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2' [2]	0.39	2,094	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2'7" [2]	0.52	2,249	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

* 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] without ejector

[2] with ejector

[3] Shells for loose material

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

Equipments

Clamshell grabs

Clamshell grabs GM 8B Machine stability per ISO 10567* (75 % of tipping capacity)

Width of clamshells	Capacity	Weight	Stabilizers raised			Rear outriggers + front blade down			EW Stabilizers raised			EW Rear outriggers + front blade down		
			Stick length (ft in)			Stick length (ft in)			Stick length (ft in)			Stick length (ft in)		
ft in	yd³	lb	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'
Offset two-piece boom 16'1"														
1'1" [1]	0.22	1,830	■	■	■	■	■	■	■	■	■	■	■	■
1'4" [1]	0.29	1,918	■	■	■	■	■	■	■	■	■	■	■	■
2' [1]	0.39	1,896	■	■	■	■	■	■	■	■	■	■	■	■
2'7" [1]	0.52	2,006	■	■	■	■	■	■	■	■	■	■	■	■
3'3" [1] [3]	1.05	2,227	–	–	–	■	■	■	–	–	–	■	■	■
1'1" [2]	0.22	1,940	■	■	■	■	■	■	■	■	■	■	■	■
1'4" [2]	0.29	2,050	■	■	■	■	■	■	■	■	■	■	■	■
2' [2]	0.39	2,094	■	■	■	■	■	■	■	■	■	■	■	■
2'7" [2]	0.52	2,249	■	■	△	■	■	■	■	■	■	■	■	■
Offset mono boom 14'1"														
1'1" [1]	0.22	1,830	■	■	■	■	■	■	■	■	■	■	■	■
1'4" [1]	0.29	1,918	■	■	■	■	■	■	■	■	■	■	■	■
2' [1]	0.39	1,896	■	■	■	■	■	■	■	■	■	■	■	■
2'7" [1]	0.52	2,006	■	■	■	■	■	■	■	■	■	■	■	■
3'3" [1] [3]	1.05	2,227	△	△	–	■	■	■	■	■	△	■	■	■
1'1" [2]	0.22	1,940	■	■	■	■	■	■	■	■	■	■	■	■
1'4" [2]	0.29	2,050	■	■	■	■	■	■	■	■	■	■	■	■
2' [2]	0.39	2,094	■	■	■	■	■	■	■	■	■	■	■	■
2'7" [2]	0.52	2,249	■	■	■	■	■	■	■	■	■	■	■	■

* 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] without ejector

[2] with ejector

[3] Shells for loose material

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

Equipments

Ditch cleaning buckets / tilt buckets

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

Cutting width	Capacity ISO 7451[1]	Weight	Stabilizers raised			Rear blade down			Rear outriggers + front blade down			EW Stabilizers raised			EW Rear blade down			EW Rear outriggers + front blade 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)		
ft in	yd³	lb	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'
Two-piece boom 15'11"																				
4'11"[3]	0.65	794	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
5' 3"[2]	0.72	1,411	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
6' 7"[2]	0.65	1,455	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
6' 7"[3]	0.63	772	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
6' 7"[3]	0.85	860	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Mono boom 15'1"																				
4'11"[3]	0.65	794	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
5' 3"[2]	0.72	1,411	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
6' 7"[2]	0.65	1,455	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
6' 7"[3]	0.63	772	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
6' 7"[3]	0.85	860	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Offset two-piece boom 16'1"																				
4'11"[3]	0.65	794	■	■	■	–	–	–	■	■	■	■	■	■	–	–	–	■	■	■
5' 3"[2]	0.72	1,411	■	■	■	–	–	–	■	■	■	■	■	■	–	–	–	■	■	■
6' 7"[2]	0.65	1,455	■	■	■	–	–	–	■	■	■	■	■	■	–	–	–	■	■	■
6' 7"[3]	0.63	772	■	■	■	–	–	–	■	■	■	■	■	■	–	–	–	■	■	■
6' 7"[3]	0.85	860	■	■	■	–	–	–	■	■	■	■	■	■	–	–	–	■	■	■
Offset mono boom 14'1"																				
4'11"[3]	0.65	794	■	■	■	–	–	–	■	■	■	■	■	■	–	–	–	■	■	■
5' 3"[2]	0.72	1,411	■	■	■	–	–	–	■	■	■	■	■	■	–	–	–	■	■	■
6' 7"[2]	0.65	1,455	■	■	■	–	–	–	■	■	■	■	■	■	–	–	–	■	■	■
6' 7"[3]	0.63	772	■	■	■	–	–	–	■	■	■	■	■	■	–	–	–	■	■	■
6' 7"[3]	0.85	860	■	■	■	–	–	–	■	■	■	■	■	■	–	–	–	■	■	■

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

Cutting width	Capacity ISO 7451[1]	Weight	Stabilizers raised			Rear blade down			Rear outriggers + front blade down			EW Stabilizers raised			EW Rear blade down			EW Rear outriggers + front blade 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)		
ft in	yd³	lb	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'	6'9"	7'5"	8'
Two-piece boom 15'11"																				
4'11"[2]	0.78	1,455	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Mono boom 15'1"																				
4'11"[2]	0.78	1,455	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Offset two-piece boom 16'1"																				
4'11"[2]	0.78	1,455	■	■	△	–	–	–	■	■	■	■	■	■	–	–	–	■	■	■
Offset mono boom 14'1"																				
4'11"[2]	0.78	1,455	■	■	■	–	–	–	■	■	■	■	■	■	–	–	–	■	■	■

* 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

Equipment

Undercarriage

Dual-circuit braking system	●
Rear stabilizer blade	+
Rear + front stabilizer blade	+
Lighting trailer coupling	+
Trailer coupling with bolt, automatic	+
Digging brake, automatic	●
Tires (twin tires) Liebherr EM 22 290/90-20	+
Tires (twin tires) Mitas EM 22	●
Individual control outriggers	+
Travel speed levels (four)	●
Tilt function of trailer, hydraulic	+
Mudguards (rear and front)	+
Load holding valve on each stabilization cylinder	●
Powershift transmission, semiautomatic	●
Parking brake, maintenance-free	●
Rear outriggers + front stabilizer blade	+
Tires, variants	+
Protection for piston rods, stabilizer cylinder	+
Speeder	+
Storage compartment left	●
Storage compartment right	+
Undercarriage EW 9'	+
Tool equipment, extended	+

Uppercarriage

Uppercarriage rear light, 2 pieces, LED	+
Uppercarriage right side light, 1 piece, LED	+
Refuelling system with filling pump	+
Main battery switch for electrical system	●
Engine hood with gas spring	●
Amber beacon, at uppercarriage, LED double flash	+
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	●
High pressure circuit, permanent drive	+
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	+
Switchover high pressure circuit and tipping cylinder	+
Switchover high pressure circuit and two-piece boom	+

Diesel engine

Fuel anti-theft device	+
Liebherr particle filter (Stage V)	●
Reversible fan drive, fully automatic	+
Automatic engine shut-down (time adjustable)	+
Preheating fuel*	+
Preheating coolant*	+

Cab

Storage compartment	●
Stabilizer, proportional control on left joystick	●
Cab lights rear, halogen	+
Cab lights rear, LED	+
Cab lights front, halogen (above rain cover)	+
Cab lights front, halogen (under rain cover)	●
Cab lights front, LED (above rain cover)	+
Cab lights front, LED (under rain cover)	+
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	+
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	●
Joystick steering	+
Joysticks Premium	+
Automatic air conditioning	●
Fuel consumption indicator	●
Electric cool box (12 V)	+
Steering wheel, wide version (cost-neutral option)	+
Steering column adjustable horizontally	●
LiDAT, vehicle fleet management	●
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	●
Door with sliding window	●
FOPS top guard	+
FGPS front guard, tiltable	+
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

Boom lights, 2 pieces, halogen	●
Boom lights, 2 pieces, LED	+
Stick lights, 2 pieces, LED	+
Travel vibration damper	+
High pressure circuit incl. unpressurized return line and Tool Control	+
Electronic lift limitation	+
Security for hoist cylinder for hydraulic attachments	+
Hydraulic circuit, extended	+
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-Tilt-Unit (LiTiU)	+
Liebherr tooth system	+
Liebherr clamshell grab	+
Mowing-bucket operation	+
Medium pressure circuit incl. lines	+
Mono boom	+
Offset mono boom	+
Pipe fracture safety valves hoist cylinders	●
Pipe fracture safety valve stick cylinder	●
Hose quick coupling at end of stick	●
Quick coupling system Solidlink	+
Protection for piston rod, adjusting cylinder	+
Protection for bottom side of stick	+
Tool Control, 20 attachment adjustments selectable over the display	+
Overload warning device	●
Two-piece boom	+
Offset two-piece boom	+

Complete machine

Machine guidance system	
Machine guidance 2D iCON IXE2 passive Leica designed for Liebherr	+
Machine guidance 3D iCON IXE3 passive Leica designed for Liebherr	+
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	
Camera on the stick (bottom belt)	+
Rear view monitoring with camera	●
Side view monitoring with camera	●
Skyview 360° (side camera not available)	+

● = Standard, + = Option
* = country-dependent

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

The Liebherr Group

Global and independent: more than 70 years of success
Liebherr was founded in 1949. 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 program includes the segments earthmoving machinery, material handling technology, deep foundation machines, 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.

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