

Product Information: Crawler Excavator

R 924

Litronic®



Generation

8

Engine

173 HP / 129 kW

Tier 4 Final

Operating Weight

24,500 kg / 54,015 lb

Bucket Capacity

0.55 – 1.65 m³ / 0.72 – 2.16 yd³

LIEBHERR

Experience the Progress

R 924

Safety

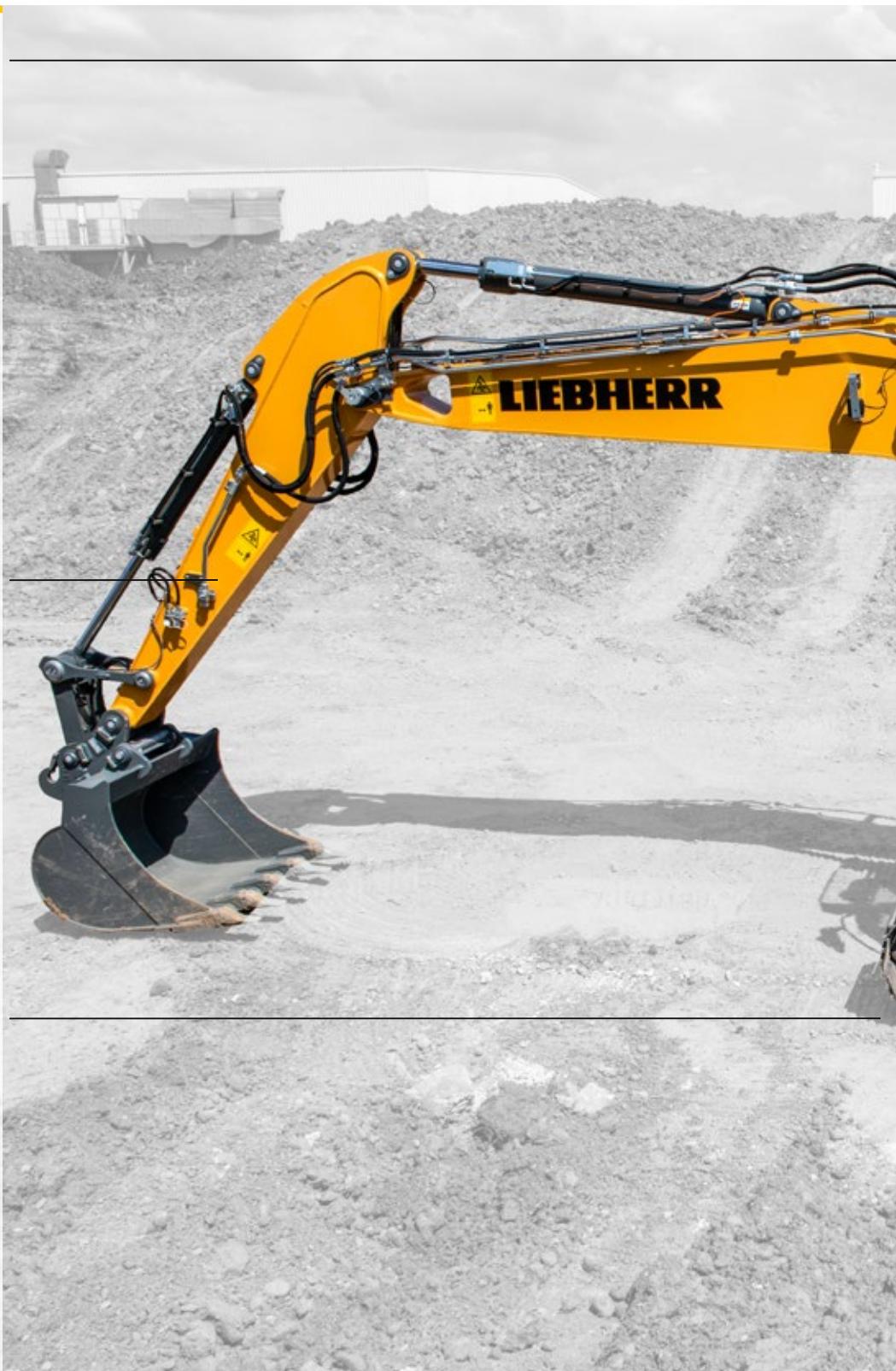
- Panoramic visibility with no obstructions and camera on the rear and the right side equipment for enhanced safety
- Lифtable console for easy and safe access to cab
- ROPS-certified cab structure: rollover protection
- Emergency exit via the rear cab window
- Right window and windshield in laminated and tinted glass

Equipment

- Large choice of types and sizes of equipment
- Safety check valves for hoist and stick cylinders
- Guaranteed maintenance thanks to automatic centralised lubrication system (option)

Undercarriage

- Robust, reliable X-frame undercarriage, easy to secure thanks to its integrated eyelets
- Easy maintenance
- Maintenance-free travel gear and track rollers with lifetime lubrication
- Extra storage as an option





Comfort

- Spacious, air-conditioned work space
- Airsprung seat with vertical and horizontal suspension
- Easy-to-use high resolution 7" colour touchscreen
- Completely retractable front cab window
- New LED lighting as standard

Engine

- New engine that conforms with the US EPA Tier 4 Final exhaust emissions standard
- Automatic idle-stop

Maintenance

- Innovative servicing concept, with service points accessible from ground level
- New concept for lateral access to uppercarriage and large maintenance platform
- Engine oil, hydraulic oil, fuel and urea (diesel exhaust fluid) levels visible on the display

Technical Data

Engine

Rating	
per SAE J1349	173 HP (129 kW) at 1,900 rpm
per ISO 9249	175 HP (129 kW) at 1,900 rpm
Torque	
	682 Nm at 1,400 rpm / 503 lbf ft at 1,400 rpm
Model	
	Liebherr D924 A7-04
Type	
Bore	104 mm / 4.1 in
Stroke	132 mm / 5.2 in
Displacement	4.5 l / 275 in³
Engine operation	
	4-stroke diesel Common-Rail turbocharged and after-cooler
Exhaust gas treatment	
	Tier 4f DOC + SCR passive regeneration by thermo management
Cooling system	
	water-cooled and oil cooler, after-cooled and fuel cooled
Air cleaner	
	dry-type air cleaner with pre-cleaner
Fuel tank	
	400 l / 106 gal
Urea tank	
	46 l / 12 gal
Electrical system	
Voltage	24 V
Batteries	2 x 135 Ah/12 V
Alternator	three-phase current 28 V/140 A
Engine idling	sensor controlled

Hydraulic System

Hydraulic system	Positive Control dual circuit hydraulic system for independent and need-based quantity allotment via the hydraulic pumps; sensor-guided features high system dynamics and sensitivity provided by integrated system controlling
Hydraulic pump	Liebherr, variable displacement, swashplate double pump
for attachment and travel drive	2 x 210 l/min. / 2 x 55 gpm
Max. flow	380 bar / 5,511 psi
Max. pressure	electronic management via the integrated system controlling (CAN-BUS) synchronous to the control block.
Pump management	Open circuit for the rotation
Hydraulic tank	155 l / 41 gal
Hydraulic system	max. 320 l / max. 85 gal
Hydraulic oil filter	1 main return filter with integrated partial micro filtration (10 µm / 1,250 mesh)
Cooling system	compact cooler, consisting of a water cooler, sandwiched with hydraulic oil cooler and fuel and after-cooler cores and hydrostatically driven fan
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
Engine speed and performance setting	stepless alignment of engine output and hydraulic power via engine speed

Hydraulic Controls

Power distribution	via control valves, simultaneous and independent actuation of chassis, swing drive and attachment
Electric servo circuit	electro-hydraulic control
Attachment and swing	proportional via joystick levers
Travel	– with proportionally functioning foot pedals or adjusted with pluggable levers – automatic or manual speed change
Additional functions	proportional regulation via foot pedals or mini-joystick

Swing Drive

Drive	Liebherr swashplate motor with integrated brake valve and torque control
Transmission	Liebherr compact planetary reduction gears
Swing ring	Liebherr, sealed race ball bearing swing ring, internal teeth
Swing speed	0 – 12.9 rpm stepless
Swing torque	74.3 kNm / 54,801 lbf ft
Holding brake	wet multi-disc (spring applied, pressure released)



Operator's 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, laminated right hand side and roof windows, all windows tinted, separate extensible window shades for the sunroof window and windscreen, 24 V plug, cigarette lighter and 12 V plug, cup holder, mobile phone storage net

Operator's seat

Liebherr-Comfort seat, air sprung with automatic weight adjustment, vertical and longitudinal seat damping including consoles and joysticks. Seat and armrests adjustable separately and in combination (adjustable in width, height and inclination), seat heating as standard

Arm consoles

Operation and displays

tiltable console left, oscillating with seat
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 tool 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

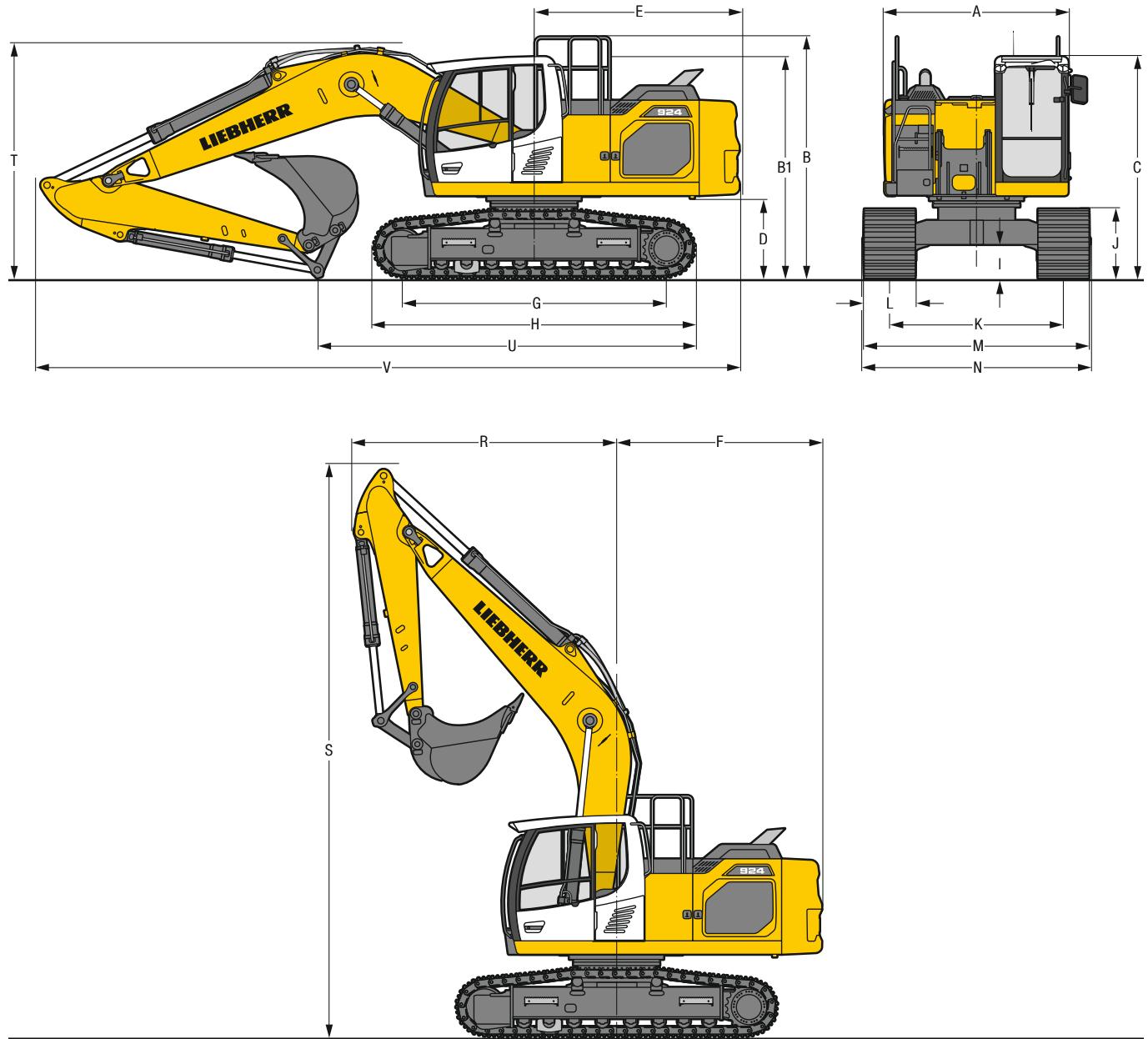
LC	gauge 2,390 mm / 7'10"
Drive	Liebherr swashplate motor with brake valves on both sides
Transmission	Liebherr planetary reduction gear
Maximum travel speed	low range 3.1 km/h / 1.9 mph high range 5.9 km/h / 3.7 mph
Net drawbar pull on crawler	236 kN / 53,060 lbf
Track components	B60, D6C, maintenance-free
Track rollers/Carrier rollers	8/2
Tracks	sealed and greased
Track pads	triple grouser
Holding brake	wet multi-disc (spring applied, pressure released)
Brake valves	integrated into travel motor
Lashing eyes	integrated



Attachment

Type	combination of resistant steel plates and cast steel components
Hydraulic cylinders	Liebherr cylinders with special seal-system, shock protection
Bearings	sealed, low maintenance
Lubrication	Liebherr central lubrication system
Hydraulic connections	pipes and hoses equipped with SAE split-flange connections
Buckets	standard equipped with Liebherr tooth system

Dimensions



	LC	mm/ft in
A	Uppercarriage width	2,545** / 8' 4"**
B	Uppercarriage height	3,335 / 10'11"
B1	Uppercarriage height (handrails folded)	3,060 / 10'
C	Cab height	3,060 / 10'
D	Counterweight ground clearance	1,100 / 3' 7"
E	Rear-end length	2,830 / 9' 3"
F	Tail swing radius	2,880 / 9' 5"
G	Wheelbase	3,640 / 11'11"
H	Undercarriage length	4,435 / 14' 7"
I	Undercarriage ground clearance	485 / 1' 7"
J	Track height	960 / 3' 2"
K	Track gauge	2,390 / 7'10"
L	Track pad width	600 / 24" 700 / 28" 800 / 31" 900 / 35"
M	Width over tracks	2,990 / 9'10" 3,090 / 10' 2" 3,190 / 10' 6" 3,290 / 10'10"
N	Width over steps	2,925 / 9' 7" 3,125 / 10' 3"** 3,125 / 10' 3"** 3,225 / 10' 7"**

* width with removable steps

** without door stop device and spacer

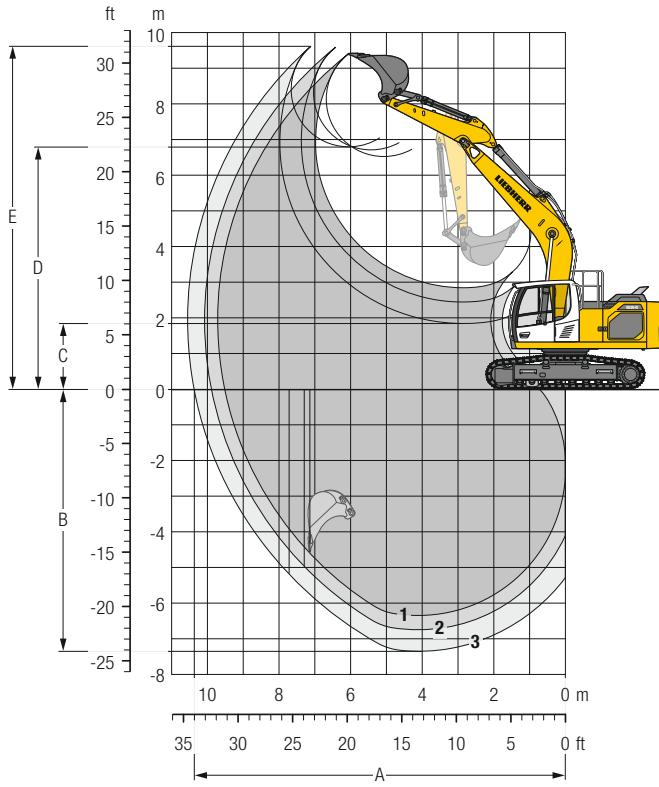
		Stick length	Mono boom 5.70 m/18'8"
		mm/ft in	mm/ft in
R	Front swing radius	2.50 / 8'2" 2.90 / 9'6" 3.50 / 11'6"	3,650 / 12' 3,650 / 12' 3,600 / 11'10"
S	Height with boom up	7,900 / 25'11"	
T	Boom height	2.50 / 8'2" 2.90 / 9'6" 3.50 / 11'6"	3,250 / 10' 8" 3,250 / 10' 8" 3,150 / 10' 4"
U	Length on ground	2.50 / 8'2" 2.90 / 9'6" 3.50 / 11'6"	6,200 / 20' 4" 5,900 / 19' 4" 4,450 / 14' 7"
V	Overall length		9,700 / 31'10"

Transport Dimensions removable elements dismantled

	Stick	Mono boom 5.70 m/18'8"
	mm/ft in	mm/ft in
Pad width	600 / 24" 700 / 28" 800 / 31" 900 / 35"	
Transport width	2,990 / 9'10" 3,125 / 10' 3" 3,190 / 10' 6" 3,290 / 10'10"	
Transport length	9,700 / 31'10"	
Transport height	2.50 / 8'2" 2.90 / 9'6" 3.50 / 11'6"	3,250 / 10' 8" 3,250 / 10' 8" 3,150 / 10' 4"

Backhoe Bucket

with Mono Boom 5.70 m / 18'8" and Counterweight 5.0 t / 11,020 lb



Digging Envelope

		1	2	3
Stick length	m/ft in	2.50 / 8' 2"	2.90 / 9'6"	3.50 / 11'6"
A Max. reach at ground level	m/ft in	9.51 / 31' 2"	9.89 / 32'5"	10.37 / 34'
B Max. digging depth	m/ft in	6.35 / 20'10"	6.75 / 22'2"	7.35 / 24'1"
C Min. dumping height	m/ft in	2.85 / 9' 4"	2.45 / 8'	1.85 / 6'1"
D Max. dumping height	m/ft in	6.53 / 21' 5"	6.71 / 22'	6.80 / 22'4"
E Max. cutting height	m/ft in	9.40 / 30'10"	9.59 / 31'6"	9.61 / 31'6"

Forces

		1	2	3
without quick coupler	kN/lbf	135 / 30,350	122 / 27,430	106 / 23,830
Max. digging force (ISO 6015)	kN/lbf	173 / 38,890	173 / 38,890	173 / 38,890
Max. breakout force (ISO 6015)	kN/lbf	129 / 29,000	117 / 26,300	103 / 23,160
Max. digging force (SAE J1179)	kN/lbf	151 / 33,950	151 / 33,950	151 / 33,950
Max. breakout force (SAE J1179)	kN/lbf	151 / 33,950	151 / 33,950	151 / 33,950

Operating Weight and Ground Pressure

The operating weight includes the basic machine with counterweight 5.0 t / 11,020 lb, mono boom 5.70 m / 18'8", stick 2.90 m / 9'6" and bucket 1.25 m³ / 1.63 yd³ (890 kg / 1,960 lb).

Undercarriage	LC				
	Pad width mm/in	600/24"	700/28"	800/31"	900/35"
Weight kg/lb	23,600 / 52,030	23,850 / 52,580	24,250 / 53,460	24,550 / 54,120	
Ground pressure kg/cm ² /psi	0.50 / 7.1	0.44 / 6.3	0.39 / 5.5	0.35 / 5.0	

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

STD ⁽¹⁾	Cutting width mm/in	Capacity ISO 7451 m ³ /yd ³	Weight ⁽²⁾ kg/lb	Weight ⁽⁴⁾ kg/lb	LC-Undercarriage (with track pads 800 mm/31")					
					without quick coupler		Stick length (m/ft in)		with quick coupler	
					2.50 8'2"	2.90 9'6"	3.50 11'6"	2.50 8'2"	2.90 9'6"	3.50 11'6"
41"	0.95 1.24	700 1,540	710 1,570		▲	▲	▲	▲	▲	▲
49"	1.15 1.50	810 1,790	830 1,830		▲	▲	▲	▲	▲	▲
49"	1.25 1.63	890 1,960	910 2,010		▲	▲	■	▲	▲	■
55"	1.35 1.77	850 1,870	880 1,940		▲	■	▲	▲	■	▲
55"	1.50 1.96	950 2,090	980 2,160		■	▲	■	■	▲	△
59"	1.65 2.16	1,020 2,250	1,030 2,270		▲	■	△	▲	■	△
41"	0.95 1.24	790 1,740	800 1,760		▲	▲	▲	▲	▲	▲
49"	1.15 1.50	910 2,010	940 2,070		▲	▲	▲	▲	▲	■
49"	1.25 1.63	1,010 2,230	1,030 2,270		▲	▲	▲	▲	■	▲
55"	1.35 1.77	970 2,140	990 2,180		▲	■	▲	■	▲	■
55"	1.50 1.96	1,090 2,400	1,120 2,470		■	▲	■	▲	■	△
59"	1.65 2.16	1,160 2,560	1,160 2,560		▲	■	△	■	△	△

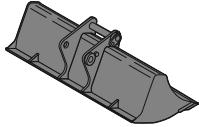
* Indicated loads are based on ISO 10567, at maximum reach, and may be swung 360° on firm and even ground

¹⁾ Standard bucket with teeth Z 40 ²⁾ HD bucket with teeth Z 40 ³⁾ Bucket for direct mounting ⁴⁾ Bucket for mounting to quick coupler

Other buckets available upon request

Max. material weight ▲ = ≤ 2.0 t/m³ / 3,400 lb/yd³, ■ = ≤ 1.8 t/m³ / 3,000 lb/yd³, ▲ = ≤ 1.65 t/m³ / 2,800 lb/yd³, ■ = ≤ 1.5 t/m³ / 2,500 lb/yd³, △ = ≤ 1.2 t/m³ / 2,000 lb/yd³

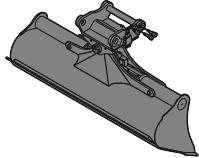
Available Tools



Rigid Ditch Cleaning Bucket

GRL 90, for direct mounting

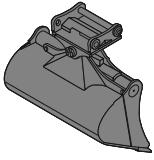
Cutting width	mm/in	1,500/59"	2,000/79"	2,010/79"	2,400/95"			
Capacity	m³/yd³	0.50/0.65	0.70/0.92	0.85/1.11	0.85/1.11			
Weight	kg/lb	400/880	500/1,100	530/1,170	580/1,280			
GRL 90, for mounting to quick coupler SWA 48								
Cutting width	mm/in	1,500/59"	1,500/59"	2,000/79"	2,000/79"	2,000/79"	2,400/95"	2,400/95"
Capacity	m³/yd³	0.50/0.65	0.95/1.24	0.70/0.92	1.20/1.57	1.25/1.63	0.85/1.11	1.15/1.50
Weight	kg/lb	430/950	560/1,240	400/880	640/1,410	600/1,320	600/1,320	650/1,430



Ditch Cleaning Bucket

GRL 90, 2 x 50° tiltable, for direct mounting

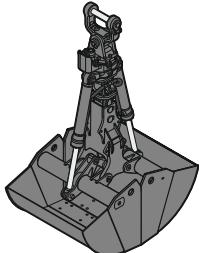
Cutting width	mm/in	1,600/63"	2,000/79"	2,000/79"	2,000/79"	2,200/87"	2,400/95"	2,800/110"		
Capacity	m³/yd³	0.80/1.05	0.50/0.65	0.70/0.92	1.00/1.31	1.15/1.50	0.85/1.11	1.45/1.90		
Weight	kg/lb	798/1,760	686/1,510	819/1,810	883/1,950	920/2,030	885/1,950	1,009/2,220		
GRL 90, 2 x 50° tiltable, for mounting to quick coupler SWA 48										
Cutting width	mm/in	1,600/63"	2,000/79"	2,000/79"	2,000/79"	2,200/87"	2,200/87"	2,400/95"	2,400/95"	2,800/110"
Capacity	m³/yd³	0.80/1.05	0.50/0.65	0.70/0.92	1.00/1.31	0.80/1.05	1.15/1.50	1.40/1.83	0.85/1.11	1.25/1.63
Weight	kg/lb	850/1,870	690/1,520	880/1,940	940/2,070	880/1,940	980/2,160	1,000/2,210	890/1,960	1,000/2,210
										1,088/2,400



Tilt Bucket

SL 90, 2 x 50° tiltable, for direct mounting

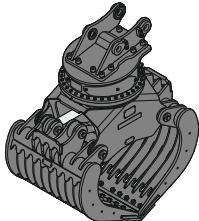
Cutting width	mm/in	1,600/63"	1,600/63"	1,600/63"						
Capacity	m³/yd³	0.80/1.05	1.00/1.31	1.35/1.77						
Weight	kg/lb	768/1,690	820/1,810	918/2,020						
SL 90, 2 x 50° tiltable, for mounting to quick coupler SWA 48										
Cutting width	mm/in	1,500/59"	1,600/63"	1,600/63"	1,600/63"	1,600/63"	1,600/63"	1,600/63"	1,600/63"	1,600/63"
Capacity	m³/yd³	1.20/1.57	0.80/1.05	1.00/1.31	1.35/1.77	1.55/2.03	0.80/1.05	1.00/1.31	1.35/1.77	1.55/2.03
Weight	kg/lb	970/2,140	820/1,810	890/1,960	970/2,140	1,035/2,280	820/1,810	1,006/2,220	1,184/2,610	1,550/3,420
HD-version							X	X	X	X



Clamshells

GM 20C, earthmoving shell, for mounting to quick coupler SWA 48 (exists for direct mounting)

Cutting width	mm/in	600/24"	800/31"		1,000/39"		1,200/47"	
Capacity	m³/yd³	0.45/0.59	0.60/0.78		0.75/0.98		0.90/1.18	
Weight	kg/lb	575/1,270	625/1,380		700/1,540		765/1,690	



Sorting Grab

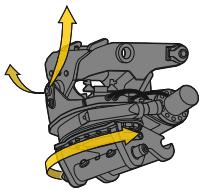
ribbed

perforated

stone tong

SG 30, for direct mounting

Cutting width	mm/in	1,000/39"	1,150/45"		1,000/39"		1,150/45"		1,020/40"
Capacity	m³/yd³	0.75/0.98	0.90/1.18		0.85/1.11		1.00/1.31		0.85/1.11
Weight	kg/lb	1,510/3,330	1,590/3,510		1,490/3,290		1,570/3,460		1,765/3,890
SG 30, for mounting to quick coupler SWA 48									
Cutting width	mm/in	1,000/39"	1,150/45"		1,000/39"		1,150/45"		1,020/40"
Capacity	m³/yd³	0.75/0.98	0.90/1.18		0.85/1.11		1.00/1.31		0.85/1.11
Weight	kg/lb	1,510/3,330	1,590/3,510		1,490/3,290		1,570/3,460		1,765/3,890



Tiltrotator

LH-TR 25, for mounting to quick coupler SWA 48

Weight	kg/lb	720/1,590
Rotation		360°
Tilt		2 x 50°

Serial Equipment

Undercarriage

Lashing eyes
Sprocket with dirt ejector
Track and carrier rollers, sealed and lifetime-lubricated

Uppercarriage

Access platforms without protruding parts
Anti-skid surfaces
Automatic swing brake lock
DEF tank filling indicator
DEF tank lockable access hatch
Engine coolant level, visible from the cab
Engine hood with gas spring opening
Filters accessible from ground level
Handrails
Hydraulic oil level, visible from ground level
Lockable fuel tank cap
Lockable service doors
Lockable storage and accessories compartment
Lockable storage box
Main switch, electric, with timer
Main switch, manual, lockable
Protection grid on radiator fan
Safe uppercarriage side access platform
Sound insulation
Swing drive gearbox oil level, visible from the cab
Swing-out radiators
Windshield washer fluid tank, accessible from ground level

Hydraulic System

Filter with integrated fine filters
Hydraulic pressure measuring ports
Liebherr Positive Control system with 2 independent circuits
Magnetic rod
Pressure accumulator for controlled lowering of equipment with engine turned off

Engine

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



Operator's Cab

7" multifunction color touchscreen
Air conditioning, automatic, tri-zone, controlled via display
Armrests adjustable in width, height and inclination
Bottle holder
Cab air filters housing, accessible from ground level
Cab door sliding windows
Cigarette lighter
Coat hook
DEF consumption on touchscreen
DEF level on touchscreen
Electric socket in cabin (12 V)
Electric socket in cabin (24 V)
Emergency hammer
Engine oil level on touchscreen
Fuel consumption on touchscreen
Fuel level on touchscreen
Hydraulic oil level on touchscreen
Interior lighting
Laminated right hand side window
LiDAT Plus (Liebherr data transfer system)*
Mechanical hour meters, visible from ground level
Mobile phone storage net
Movement priority between swing and boom, adjustable via touchscreen
Movement priority for stick-in, adjustable via touchscreen
Rain hood over front window opening
Rearview mirror
Rear view monitoring camera
Rear window emergency exit
Right hand side view monitoring camera
Roll-down sun blinds for windscreen and roof window
ROPS safety cab structure (ISO 12117-2)
Rubber floor mat, fixed on floor and removable
Storage box
Storage nets
Storage spaces
Swing braking torque adjustable via touchscreen
Tilttable console left
Tinted windows
Visco-elastic damping
Windscreen wiper and washer
Work mode selector



Attachment

Boom cylinders regeneration
Pipe fracture safety valve for stick cylinder
Pipe fracture safety valves for boom cylinders
Pivot points made of cast steel
SAE split flanges on high pressure lines
Stick cylinder regeneration

* optionally extendable after one year

Equipment Standard/Option

Undercarriage

Chain guide 1 piece	•
Chain guide 3 pieces	+
Reinforced cover and base plate for undercarriage center section	+
Special painting	+
Standard cover plate for undercarriage center section	•
Steps	+
Steps wide	•
Track pads triple grouser 600 mm/ 24" / 700 mm/ 28" / 900 mm/ 35"	+
Track pads triple grouser 800 mm/ 31"	•
Track pads triple grouser reinforced 600 mm/ 24" / 700 mm/ 28"	+
Tracks, sealed and greased, with track pads	•
Tracks, sealed and greased, with track pads, reinforced	+
Undercarriage LC	+
Undercarriage storage compartment	+

Uppercarriage

Air pre-filter with cyclonical dust trap	+
Boxing ring	+
Centralized lubrication system (automatic)	•
Centralized lubrication system (manual)	+
Counterweight standard 5.0 t/ 11,020 lb	•
Electric socket on uppercarriage (24 V)	+
Extended tool set including tool box	+
Fuel anti-theft protection	+
Headlight on uppercarriage, front left, LED+, 1 piece, protection included	+ ¹⁾
Headlight on uppercarriage, front right, LED, 1 piece, protection included	• ¹⁾
Headlight on uppercarriage, front right, LED+, 1 piece, protection included	+ ¹⁾
Headlight on uppercarriage, lateral left, LED+, 1 piece	+ ¹⁾
Headlight on uppercarriage, lateral right, LED+, 1 piece	+ ¹⁾
Headlights on uppercarriage, rear, LED+, 2 pieces	+ ¹⁾
Lighting for tank area	+ ¹⁾
Lighting for uppercarriage access	+ ¹⁾
Pre-heating system for fuel	+
Radiator fine mesh protection grid	+
Reflective warning stickers	+
Reversible fan drive	+
Rotating beacons on uppercarriage, rear, LED, 2 pieces	+
Skyview 360°	+
Special painting	+
Tank refilling pump fuel	+
Tool set including storage case	•

Hydraulic System

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

Engine

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

Operator's Cab

3" seat belt with retractor, orange color	•
4-points seat belt	+
Acoustic travel alarm deactivatable	+
Auxiliary heater programmable	+
Bottom windscreens wiper	+
Cool box (12 V)	+
Dark tinted windows	+

• = Standard, + = Option

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

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

Liebherr USA, Co.

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Operator's Cab

Electrically adjustable and heated outside rear-view mirrors	+
Electronic immobilizer	+
Emergency stop in cab	+
FGPS front guard	+
Filter for hydraulic hammer return flow	+
Fire extinguisher	+
First-aid box	+
Footrest	+
FOPS top guard	+
Handrests elevated for joysticks	+
Headlights on cab, front, LED, 2 pieces	+ ¹⁾
Headlights on cab, front, LED+, 2 pieces	+ ¹⁾
Headlights on cab roof, front, LED+, 2 pieces	+ ¹⁾
High pressure circuit switchable on pedals or mini-joystick	+
High pressure circuit with Tool Control (20 tool adjustments on display)	+
Impact resistant one-piece windscreens	+
Impact resistant roof window	+
Integral protection guard	+
Laminated roof window	•
Lightbar on cabin	+
Luminosity control (LED+ headlights)	+ ¹⁾
Medium pressure circuit	+
Mini-joystick proportional	•
Movement restriction for boom	+
Movement restriction for stick	+
Operator seat Comfort	•
Operator seat Premium	+
Overload warning system	+
Preparation for machine guidance system	+
Preparation for tiltrotator	+
Preparation for weighing system	+
Radio Comfort	+
Radio pre-installation	•
Retractable laminated two-piece windscreens	•
Roof sun shield	+
Roof window wiper	+
Rotating beacon on cabin, LED, 1 piece	+
Seat belt reminder	+
Shortkey button on joystick configurable	•
Special painting	+
Sun visor	+
Switch between high pressure and bucket cylinder controls	+
Windscreens bottom protection grid	+



Attachment

Bucket cylinder rod protection	+
Centralized lubrication extended for connecting link	+
Floating boom	+
Grapple hydraulic lines (bucket cylinder inactive)	+
Headlight guard on boom, right	+
Headlight guards on boom, right and left	+
Headlight on boom, left, LED+, 1 piece	+ ¹⁾
Headlight on boom, right, LED, 1 piece	• ¹⁾
Headlight on boom, right, LED+, 1 piece	+ ¹⁾
Headlight on stick, bottom, LED+, 1 piece	+
Liebherr bucket range	+
Liebherr tooth system	+
LIKUFIX electric signal plug	+
LIKUFIX for quick coupler SWA 48 hydraulic	+
Load holding valve for bucket cylinder	+
Lubrication hoses protection on stick	+
Mono boom 5.70 m/ 18'8"	+
Quick coupler SWA 48 hydraulic	+
Quick coupler SWA 48 mechanical	+
Special painting	+
Stick 2.50 m/ 8'2"	+
Stick 2.90 m/ 9'6"	+
Stick 3.50 m/ 11'6"	+
Stick bottom protection	+
Tool Management	+