



Engine

Rating per ISO 9249
 A 914 C **Litronic** _____ 120 kW (163 HP) at 1,800 RPM
 A 924 C **Litronic** _____ 135 kW (184 HP) at 1,800 RPM

Model
 A 914 C **Litronic** _____ Liebherr D 934 S according to level IIIA/Tier 3
 A 924 C **Litronic** _____ Liebherr D 934 L according to level IIIA/Tier 3

Type _____ 4 cylinder in-line

Bore/Stroke
 A 914 C **Litronic** _____ 122/136 mm
 A 924 C **Litronic** _____ 122/150 mm

Displacement
 A 914 C **Litronic** _____ 6.4 l
 A 924 C **Litronic** _____ 7.0 l

Engine operation _____ 4-stroke diesel
 _____ unit pump system
 _____ turbo-charged and after-cooled
 _____ reduced emissions

Cooling system _____ water-cooled and integrated motor oil cooler

Air cleaner _____ dry-type air cleaner with pre-cleaner, primary and safety elements

Fuel tank _____ 400 l

Engine idling _____ sensor controlled

Electrical system
 Voltage _____ 24 V
 Batteries _____ 2 x 135 Ah/12 V
 Alternator _____ three phase current 28 V/80 A



Hydraulic System

Hydraulic pump _____ Liebherr, variable displacement, swashplate double pump
 Max. flow _____ 2 x 215 l/min.
 Max. hydr. pressure _____ 350 bar

Hydraulic pump regulation and control _____ Liebherr-Synchron-Comfort-system (LSC) with electronic horsepower regulation, pressure cut-off, load sensing and torque controlled swing drive priority

Hydraulic tank capacity _____ 250 l
 Hydraulic system capacity _____ max. 430 l

Filtration _____ one main return filter with integrated partial micro filtration (5 µm)

Cooling system _____ compact cooler, consisting of a water cooler, sandwiched with hydraulic oil cooler, fuel cooler and after-cooler cores and hydrostatically driven fan

Modes _____ can also be adjusted by the operator to adjust engine and hydraulic performance to match job conditions (Note: All modes provide full max. power)

LIFT _____ for precise lifting tasks
 FINE _____ for precision work at high speed i.e. grading
 ECO _____ for most economic performance at best environmental conditions

POWER _____ for max. output

Super-Finish _____ additional operator adjustable work speed function for further increased feathering. Applies to all modes and all control functions

RPM adjustment _____ stepless adjustment of engine output via rpm



Hydraulic Controls

Power distribution _____ via control valve with integrated safety valves, simultaneous and independent operation of travel drive, swing drive and work

Control type
 Attachment and swing _____ proportional via joystick levers
 Travel _____ proportional via foot pedal

Additional functions _____ via switch and/or proportional foot pedals

Option _____ Liebherr-Proportional-Controls, proportionally acting transmitters on the joysticks for additional hydraulic functions



Swing Drive

Drive _____ swashplate motor with torque control and integrated brake valve

Transmission _____ Liebherr compact planetary reduction gear

Swing ring _____ Liebherr sealed single race ball bearing swing ring, internal teeth

Swing speed
 A 914 C **Litronic** _____ 0 – 9.0 RPM stepless
 A 924 C **Litronic** _____ 0 – 8.0 RPM stepless

Swing torque
 A 914 C **Litronic** _____ 66 kNm
 A 924 C **Litronic** _____ 74 kNm

Holding brake _____ wet discs (spring applied – pressure released)

Option _____ pedal controlled positioning brake



Operator's Cab

Cab _____ resiliently mounted, sound insulated, tinted windows, front window stores overhead, door with sliding window, large roof window, sun visor

Operator's seat _____ fully adjustable, shockabsorbing suspension, adjustable to operator's weight and size, 6-way adjustable Liebherr seat

Joysticks _____ integrated into adjustable seat consoles

Monitoring _____ menu driven query of current operating conditions via the LCD display. Automatic monitoring, display, warning (acoustical and optical signal) and saving machine data, for example, engine overheating, low engine oil pressure or low hydraulic oil level

Air conditioning _____ standard air conditioning, combined cooler/heater, additional dust filter in fresh air/recirculated

Noise emission
 ISO 6396 _____ L_{pA} (inside cab) = 74 dB(A)
 2000/14/EC _____ L_{WA} (surround noise) = 103 dB(A)



Undercarriage

Drive _____ variable flow swashplate motor with automatic brake valve

Transmission _____ oversized two speed power shift transmission with additional creeper speed

Travel speed _____ 0 – 2.5 km/h (creeper speed off road)
 _____ 0 – 5.0 km/h (off road)
 _____ 0 – 9.0 km/h (creeper speed on road)
 _____ 0 – 20.0 km/h (road travel)

Axes _____ 40 t excavator axles; automatic or operator controlled front axle oscillation lock

Brakes _____ steering and rigid axle with wet, maintenance-free multi disc brakes with minimized backlash. Spring applied/pressure released parking brake integrated into gear box

Stabilization _____ stabilizing blade (adjustable during travel for dozing)
 _____ 2 point outriggers
 _____ stabilizing blade, front + 2 pt. outriggers, rear
 _____ 4 point outriggers



Attachment

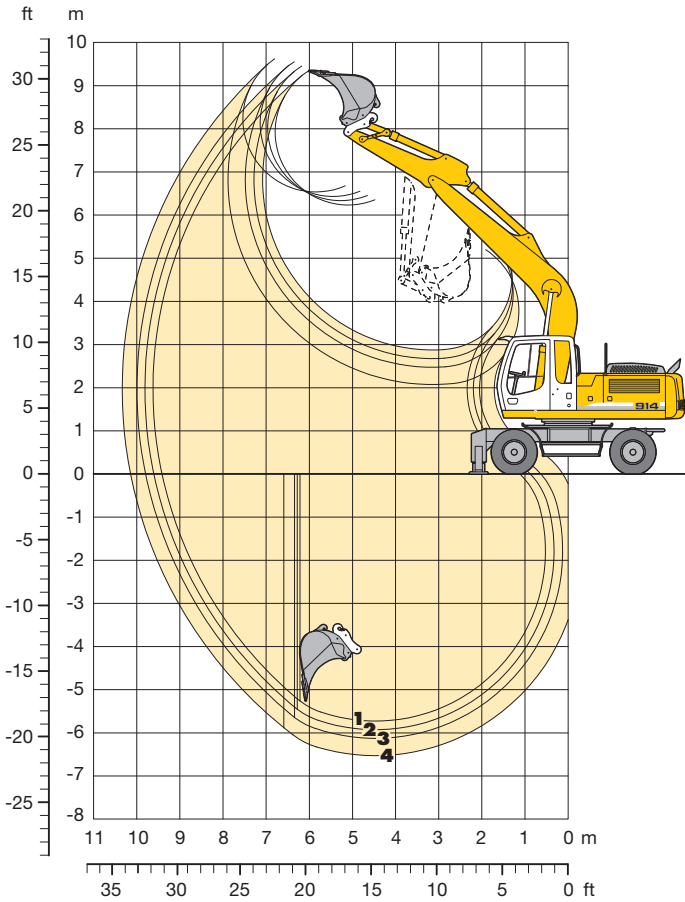
Hydraulic cylinders _____ Liebherr cylinders with special seal system.
 _____ Shock absorption

Pivots _____ sealed, low maintenance

Lubrication _____ Liebherr semi-automatic central lubrication system

Backhoe Attachment A 914 C Litronic®

with Gooseneck Boom 5.65 m



Digging Envelope with Quick Change Adapter

		1	2	3	4
Stick length	m	2.25	2.45	2.65	3.05
Max. digging depth	m	5.75	5.95	6.15	6.55
Max. reach at ground level	m	9.40	9.60	9.80	10.15
Max. dumping height	m	6.35	6.45	6.55	6.70
Max. teeth height	m	9.35	9.45	9.55	9.60
Min. attachment radius	m	4.00	3.80	3.50	3.20

Digging Forces without Quick Change Adapter

		1	2	3	4
Max. digging force (ISO 6015)	kN	127.5	119.9	113.3	102.0
	t	13.0	12.2	11.5	10.4
Max. breakout force (ISO 6015)	kN	144.4	144.4	144.4	144.4
	t	14.7	14.7	14.7	14.7

Max. breakout force with ripper bucket 186.0 kN (19.0 t)
 Max. possible digging force (stick 1.70 m) 154.6 kN (15.8 t)

Operating Weight

The operating weight includes the basic machine with 8 tires plus spacer rings, gooseneck boom 5.65 m, stick 2.25 m, quick change adapter 48 and bucket 1,050 mm/0.95 m³.

Undercarriage versions	Weight
A 914 C Litronic® with stabilizer blade	20,100 kg
A 914 C Litronic® with 2 pt. outriggers	20,500 kg
A 914 C Litronic® with stabilizer blade + 2 pt. outriggers	21,600 kg
A 914 C Litronic® with 4 pt. outriggers	21,900 kg

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

Cutting width mm	Capacity ISO 7451 ¹⁾ m ³	Weight kg	Stabilizers raised				Stabilizer blade down				2 pt. outriggers down				Stabilizer blade + 2 pt. outriggers down				4 pt. outriggers down			
			Stick length (m)				Stick length (m)				Stick length (m)				Stick length (m)				Stick length (m)			
			2.25	2.45	2.65	3.05	2.25	2.45	2.65	3.05	2.25	2.45	2.65	3.05	2.25	2.45	2.65	3.05	2.25	2.45	2.65	3.05
650 ²⁾	0.55	540	□	□	□	△	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
850 ²⁾	0.75	620	△	■	■	▲	△	△	△	■	□	□	□	□	□	□	□	□	□	□	□	□
1,050 ²⁾	0.95	710	▲	▲	▲	▲	■	■	▲	▲	□	□	△	△	□	□	□	□	□	□	□	□
1,250 ²⁾	1.15	810	▲	▲	▲	▲	▲	▲	▲	▲	△	■	■	■	□	□	□	□	□	□	□	□
1,400 ²⁾	1.35	850	▲	▲	▲	▲	▲	▲	▲	▲	■	■	▲	▲	□	□	△	△	□	□	□	□
650 ³⁾	0.55	600	□	□	△	△	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
850 ³⁾	0.75	690	■	■	▲	▲	△	△	■	■	□	□	□	□	□	□	□	□	□	□	□	□
1,050 ³⁾	0.95	800	▲	▲	▲	▲	■	▲	▲	▲	□	□	△	△	□	□	□	□	□	□	□	□
1,250 ³⁾	1.15	910	▲	▲	▲	▲	▲	▲	▲	▲	△	■	■	▲	□	□	□	△	□	□	□	□
1,400 ³⁾	1.35	960	▲	▲	▲	▲	▲	▲	▲	▲	■	▲	▲	▲	□	□	△	△	■	□	□	□
650 ⁴⁾	0.60	530	□	□	△	■	□	□	□	△	□	□	□	□	□	□	□	□	□	□	□	□
850 ⁴⁾	0.80	630	■	■	▲	▲	△	△	■	■	□	□	□	□	□	□	□	□	□	□	□	□
1,050 ⁴⁾	1.05	720	▲	▲	▲	▲	▲	▲	▲	▲	□	△	△	■	□	□	□	□	□	□	□	□
1,250 ⁴⁾	1.30	800	▲	▲	▲	▲	▲	▲	▲	▲	■	■	■	▲	□	□	△	△	□	□	□	□
1,400 ⁴⁾	1.50	870	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	■	□	□	□	□

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

¹⁾ comparable with SAE (heaped)

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

Max. material weight □ = ≤ 1.8 t/m³, △ = ≤ 1.5 t/m³, ■ = ≤ 1.2 t/m³, ▲ = not authorized

Lift Capacities A 91 + C Litronic®

with Gooseneck Boom 5.65 m

Stick 2.25 m

m	Under-carriage	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		m
		Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	
9.0	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down									3.2	4.5*	
7.5	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down									4.5*	4.5*	5.96
6.0	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down					3.1	5.4*			2.2	4.0	
4.5	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down					2.9	5.2	1.9	3.6	1.8	3.3	
3.0	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down			4.0	7.7	2.6	4.9	1.8	3.4	1.5	3.0	
1.5	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down			3.4	7.0	2.3	4.6	1.6	3.3	1.4	2.9	
0	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down	5.8	6.1*	3.2	6.7*	2.1	4.4	1.5	3.2	1.6	3.2	
-1.5	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down	6.1*	6.1*	3.6	11.2*	2.4	8.1*	1.8	6.4*	1.6	5.6*	
-3.0	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down	5.8	11.0*	3.1	6.6	2.1	4.4	1.3	4.3	1.6	3.2	
-4.5	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down	6.7	11.0*	3.5	10.9*	3.4	8.1*	2.0	5.6	1.8	6.3*	

Stick 2.45 m

m	Under-carriage	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		m
		Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	
9.0	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down									3.2	4.8*	
7.5	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down									4.5	4.8*	6.23
6.0	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down					3.1	5.2*			2.1	3.8	
4.5	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down					2.9	5.2	1.9	3.6	1.7	3.2	
3.0	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down			4.0	7.7	2.6	4.9	1.8	3.4	1.4	2.9	
1.5	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down			3.4	7.0	2.3	4.6	1.6	3.3	1.3	2.7	
0	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down	5.6	6.3*	3.1	6.7*	2.1	4.3	1.5	3.1	1.3	2.8	
-1.5	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down	6.3*	6.3*	3.6	11.1*	2.4	8.0*	1.7	6.3*	1.5	5.1*	
-3.0	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down	5.7	10.6*	3.0	6.6	2.0	4.2	1.5	3.1	1.5	3.0	
-4.5	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down	6.6	10.6*	3.5	10.9*	2.3	8.0*	1.7	6.2*	1.7	6.0*	

Stick 2.65 m

m	Under-carriage	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		m
		Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	
9.0	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down									2.7	3.8*	
7.5	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down									3.0	3.8*	6.49
6.0	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down					2.9	5.2	1.9	3.5	1.5	3.0	
4.5	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down					4.2	5.5*	2.8	5.1*	2.4	3.6*	8.19
3.0	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down	7.0	10.3*	4.0	7.7	2.6	4.9	1.7	3.4	1.3	2.7	
1.5	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down			3.4	7.0	2.3	4.6	1.6	3.3	1.4	2.9	
0	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down	5.5	6.4*	3.0	6.6	2.0	4.3	1.4	3.1	1.2	2.6	
-1.5	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down	6.4*	6.4*	5.0	10.9*	3.3	7.9*	2.4	5.5	2.0	4.6*	8.35
-3.0	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down	6.4*	6.4*	7.0	10.9*	4.5	7.9*	3.3	6.2	2.8	4.6*	
-4.5	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down	5.5	10.2*	2.9	6.4	1.9	4.1	1.4	3.0	1.3	2.6	

Stick 3.05 m

m	Under-carriage	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		m
		Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	
9.0	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down									2.4	3.2*	
7.5	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down									2.7	3.2*	6.93
6.0	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down									2.0	3.7	
4.5	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down					3.0	5.2*	1.9	3.6	1.4	2.8	
3.0	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down	7.6	12.1*	4.1	7.7*	2.6	4.9	1.7	3.4	1.2	2.5	
1.5	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down			3.4	7.0	2.3	4.6	1.6	3.3	1.3	2.7	
0	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down	6.3*	6.3*	3.6	11.1*	2.4	8.0*	1.7	6.3*	1.5	5.1*	
-1.5	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down	5.9	6.1*	3.5	7.1	2.3	4.5	1.6	3.2	1.1	2.4	
-3.0	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down	6.1*	6.1*	3.9	9.6*	2.6	7.0*	1.8	5.7*	1.3	3.5*	
-4.5	Stabilizers raised Stabilizer blade down 2 pt. outriggers down Blade + 2 pt. down 4 pt. outriggers down	6.1*	6.1*	7.5	9.6*	4.8	7.0*	3.4	5.7*	2.6	3.5*	

↑ 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-change adapter 48 without grab attachment are stated in metric tons (t) and are valid on a firm, level supporting surface with blocked oscillating axle. These capacities can be slewed through 360° with the undercarriage in the transverse position. Capacities in the longitudinal position of the undercarriage (+/- 15°) are specified over the steering axle with the stabilisers raised and over the rigid axle with the stabilisers down. Indicated loads comply with 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-change adapter (max. 12 t). Without the quick-change adapter, lift capacities will increase by up to 226 kg.

In accordance with the harmonised EU Standard EN 474-5, hydraulic excavators used for lifting operations must be equipped with pipe rupture protection devices on the hoist cylinders and an overload warning device.

Lift Capacities A 924 C Litronic®

with Gooseneck Boom 5.65 m

Stick 2.25 m

m	Under-carriage	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		m
		Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	
9.0	Stabilizers raised											
	Stabilizer blade down											
7.5	Stabilizers raised									4.5*	4.5*	
	Stabilizer blade down									4.5*	4.5*	5.96
6.0	Stabilizers raised					4.6	6.4*			3.4	4.2*	
	Stabilizer blade down					5.0	6.4*			3.7	4.2*	7.10
4.5	Stabilizers raised					4.4	6.7	3.1	4.7	2.9	4.2*	
	Stabilizer blade down					4.8	7.1*	3.3	5.6*	3.1	4.2*	7.79
3.0	Stabilizers raised			6.2	9.9	4.1	6.4	2.9	4.5	2.6	4.0	
	Stabilizer blade down			6.8	10.7*	4.5	8.1*	3.2	6.9*	2.8	4.4*	8.13
1.5	Stabilizers raised			5.6	9.2	3.8	6.0	2.8	4.4	2.4	3.8	
	Stabilizer blade down			6.2	12.6*	4.2	9.1*	3.0	7.4*	2.7	4.9*	8.18
0	Stabilizers raised	6.1*	6.1*	5.3	8.9	3.6	5.8	2.7	4.3	2.5	3.9	
	Stabilizer blade down	6.1*	6.1*	5.9	13.3*	4.0	9.7*	2.9	7.6*	2.7	5.6*	7.95
-1.5	Stabilizers raised	9.8	11.0*	5.3	8.8	3.5	5.7			4.5	5.3	
	Stabilizer blade down	11.0*	11.0*	5.8	13.0*	3.9	9.6*			3.0	7.1*	7.40
-3.0	Stabilizers raised	10.0	16.3*	5.4	8.9	3.6	5.8			3.3	5.3	
	Stabilizer blade down	11.3*	16.3*	5.9	11.7*	4.0	8.6*			3.6	7.8*	6.45
-4.5	Stabilizers raised	10.0	16.3*	5.4	8.9	3.6	5.8			3.3	5.3	
	Stabilizer blade down	11.3*	16.3*	5.9	11.7*	4.0	8.6*			3.6	7.8*	6.45

Stick 2.45 m

m	Under-carriage	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		m
		Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	
9.0	Stabilizers raised											
	Stabilizer blade down											
7.5	Stabilizers raised									4.7	4.8*	
	Stabilizer blade down									4.6*	4.8*	6.23
6.0	Stabilizers raised									4.7	6.2*	
	Stabilizer blade down									5.0	6.2*	7.32
4.5	Stabilizers raised					4.4	6.7	3.1	4.7	2.7	3.9*	
	Stabilizer blade down					4.8	6.9*	3.3	5.8*	3.0	3.9*	7.99
3.0	Stabilizers raised			6.2	9.9	4.1	6.4	2.9	4.5	2.4	3.8	
	Stabilizer blade down			6.8	10.3*	4.5	7.9*	3.2	6.8*	2.7	4.1*	8.32
1.5	Stabilizers raised			5.6	9.2	3.8	6.0	2.8	4.3	2.3	3.7	
	Stabilizer blade down			6.2	12.3*	4.2	8.9*	3.0	7.3*	2.6	4.4*	8.38
0	Stabilizers raised	6.3*	6.3*	5.3	8.9	3.6	5.8	2.6	4.2	2.4	3.8	
	Stabilizer blade down	6.3*	6.3*	5.9	13.2*	4.0	9.6*	2.9	7.6*	2.6	5.1*	8.15
-1.5	Stabilizers raised	9.7	10.5*	5.2	8.7	3.5	5.7	2.6	4.2	2.6	4.1	
	Stabilizer blade down	10.5*	10.5*	5.8	13.1*	3.9	9.6*	3.8	7.0*	2.8	6.3*	7.61
-3.0	Stabilizers raised	9.9	16.3*	5.3	8.8	3.5	5.7			3.4	7.6*	
	Stabilizer blade down	11.1*	16.3*	5.9	11.9*	3.9	8.8*			3.7	8.8*	6.70
-4.5	Stabilizers raised	9.9	16.3*	5.3	8.8	3.5	5.7			3.4	7.6*	
	Stabilizer blade down	11.1*	16.3*	5.9	11.9*	3.9	8.8*			3.7	8.8*	6.70

Stick 2.65 m

m	Under-carriage	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		m
		Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	
9.0	Stabilizers raised											
	Stabilizer blade down											
7.5	Stabilizers raised									3.8*	3.8*	
	Stabilizer blade down									3.8*	3.8*	6.49
6.0	Stabilizers raised									3.1	3.6*	
	Stabilizer blade down									3.1	3.6*	7.54
4.5	Stabilizers raised			4.4	6.6*	3.1	4.7			2.6	3.6*	
	Stabilizer blade down			4.8	6.6*	3.3	5.7*			2.8	3.6*	8.19
3.0	Stabilizers raised	10.3*	10.3*	6.3	10.0*	4.1	6.4	2.9	4.5	2.3	3.7	
	Stabilizer blade down	10.3*	10.3*	6.9	10.0*	4.5	7.7*	4.1	6.8*	3.3	3.7*	8.52
1.5	Stabilizers raised	5.6	9.2	3.8	6.0	2.7	4.3			2.2	3.5	
	Stabilizer blade down	6.2	12.0*	4.2	8.8*	3.0	7.2*			2.4	4.0*	8.57
0	Stabilizers raised	6.4*	6.4*	5.3	8.8	3.6	5.8	2.6	4.2	2.2	3.6	
	Stabilizer blade down	6.4*	6.4*	5.8	13.1*	3.9	9.5*	2.9	7.5*	2.5	4.6*	8.35
-1.5	Stabilizers raised	9.8	15.4*	5.2	8.8	3.5	5.7			2.9	4.7	
	Stabilizer blade down	10.2*	10.2*	5.7	13.1*	3.8	9.6*	2.8	7.4*	2.7	5.6*	7.82
-3.0	Stabilizers raised	9.8	15.4*	5.2	8.8	3.5	5.7			2.9	4.7	
	Stabilizer blade down	10.2*	10.2*	5.7	13.1*	3.8	9.6*	2.8	7.4*	2.7	5.6*	7.82
-4.5	Stabilizers raised	10.2	13.4*	5.4	9.0					4.1	6.7	
	Stabilizer blade down	11.4*	13.4*	6.0	9.6*					4.6	7.5*	5.50

Stick 3.05 m

m	Under-carriage	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		m
		Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	Stabilizers raised	Stabilizer blade down	
9.0	Stabilizers raised											
	Stabilizer blade down											
7.5	Stabilizers raised											
	Stabilizer blade down											
6.0	Stabilizers raised											
	Stabilizer blade down											
4.5	Stabilizers raised											
	Stabilizer blade down											
3.0	Stabilizers raised	11.8	14.5*	6.4	9.2*	4.2	6.4	2.9	4.5	2.2	3.2*	
	Stabilizer blade down	13.1	14.5*	7.0	9.2*	4.5	7.3*	4.1	6.3*	2.4	3.2*	8.86
1.5	Stabilizers raised	6.1*	6.1*	5.7	9.3	3.8	6.1	2.7	4.3	2.1	3.3	
	Stabilizer blade down	6.1*	6.1*	6.3	11.5*	4.2	8.4*	3.0	6.9*	2.3	3.5*	8.90
0	Stabilizers raised	6.9*	6.9*	5.3	8.8	3.6	5.8	2.6	4.2	2.1	3.4	
	Stabilizer blade down	6.9*	6.9*	5.9	12.8*	3.9	9.3*	2.9	7.4*	2.3	3.9*	8.69
-1.5	Stabilizers raised	9.8*	9.8*	5.1	8.8	3.4	5.6	2.5	4.1	2.2	3.6	
	Stabilizer blade down	9.8*	9.8*	5.7	13.1*	3.8	9.6*	2.8	7.5*	2.5	4.7*	8.19
-3.0	Stabilizers raised	9.6	14.0*	5.1	8.7	3.4	5.6			2.6	4.2	
	Stabilizer blade down	10.8	14.0*	5.7	12.4*	3.8	9.1*			2.9	6.3*	7.35
-4.5	Stabilizers raised	10.0	14.8*	5.3	8.9	3.6	5.8			3.6	5.8	
	Stabilizer blade down	11.2	14.8*	5.9	10.4*	3.9	7.4*			3.9	7.3*	6.02

↑ 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-change adapter 48 without grab attachment are stated in metric tons (t) and are valid on a firm, level supporting surface with blocked oscillating axle. These capacities can be slewed through 360° with the undercarriage in the transverse position. Capacities in the longitudinal position of the undercarriage (+/- 15°) are specified over the steering axle with the stabilisers raised and over the rigid axle with the stabilisers down. Indicated loads comply with 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-change adapter (max. 12 t). Without the quick-change adapter, lift capacities will increase by up to 226 kg.

In accordance with the harmonised EU Standard EN 474-5, hydraulic excavators used for lifting operations must be equipped with pipe rupture protection devices on the hoist cylinders and an overload warning device.

