

Technical data



•	-
Rating per ISO 9249	200 kW (272 HP) at 1,800 RPM
Torque	1,400 Nm at 1,100 RPM
Model	Liebherr D944 A7-25 (Stage V)
	Liebherr D944 A7-24 (Tier 4 Final)
	or
	Liebherr D944 A7-20 (non-regulated only for select
	markets)
Туре	4 cylinder in-line
Bore	130 mm
Stroke	150 mm
Displacement	7.9641
Engine operation	4-stroke diesel
	Common-Rail, monoturbo
Exhaust gas treatment	DOC + SCR Filter (Stage V)
	or
	SCR (Tier 4 Final)
	or
	without EGR (non-regulated only for select markets)
Cooling system	Water-cooled and integrated motor oil cooler, after- cooled and fuel cooled
Air cleaner	Dry-type air cleaner with pre-cleaner, primary and safety elements
Fuel tank	7701
Urea tank	901
Electrical system	
Voltage	24V
Batteries	2 x 180 Ah / 12 V
Starter	24V/7.8kW
Alternator	Three-phase current 28 V / 140 A
Engine idling	Sensor controlled
Motor management	Connection to the integrated excavator system controlling via CAN-BUS to the economical utilisation of the service that is available



$\stackrel{\bigcap}{ riangle}$ Hydraulic controls

Power distribution	Via control valves in single block with integrated safety valves
Flow summation	To boom and stick
Closed-loop circuit	For uppercarriage swing drive
Servo circuit	
Equipment and swing	Proportional via joystick levers
Travel	- Proportional control via foot pedals or removable levers - Speed pre-selection
Additional functions	Proportional regulation via foot pedals or mini-joystick

$\stackrel{\square}{\boxtimes}$ Hydraulic system

Hydraulic system	Positive Control hydraulic system. Demand-based, double independent pump flows Features high system dynamics and sensitivity provided by integrated system controlling Independent circuit for rotation
Hydraulic pumps	
For equipment and travel drive	Liebherr, variable displacement, swashplate double pump
Max. flow	2 x 315 l/min.
Max. pressure	380 bar
For swing drive	Reversible, variable displacement, swashplate pump, closed-loop circuit
Max. flow	205 l/min.
Max. pressure	400 bar
Pump management	Electronic pump management via the integrated system controlling (CAN-BUS) synchronous to the control block
Hydraulic tank	3801
Hydraulic system	1,100 l with demolition equipment
Filtration	1 full flow filter (10 $\mu m)$ in return line with integrated fine filter area (5 $\mu m)$
Cooling system	Compact cooler, consisting of a water cooler, with hydraulic oil cooler, gearbox oil cooler, fuel cooler 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
RPM adjustment	Stepless adjustment of engine output via RPM at each selected mode
Tool Control	20 pre-adjustable pump flows and pressures for add-on attachments
Attachment system	
Flow	315l/min.
Pressure	380 bar
Attachment rotation system	
Flow	301/min.
Pressure	140 bar
Max. pressure	180 bar
	•



\bigcirc Swing drive

Drive	Liebherr swashplate motor with integrated brake valve
Transmission	Liebherr compact planetary reduction gears
Swing ring	Liebherr, sealed race ball bearing swing ring, internal teeth
Swing speed	0-7.5 min-1 stepless
Swing torque	115.2 kNm
Holding brake	Wet multi-disc (spring applied, pressure released)



ETT CAD	
Cab	Safety cab structure, headlight integrated under the protection, a door with a sliding window (can be opened on both sides), large storing box and several stowing possibilities, shock-absorbing suspension, sound damping insulating, tinted laminated safety glass, separate window shades for the sunroof window and windscreen, cigarette lighter and 12V plug, storage bins, lunchbox, cup holder, polycarbonate windows on right side
Operator's seat	Liebherr-Comfort seat, airsprung with automatic weight adjustment, vertical and longitudinal seat damping including consoles and joysticks. Seat and armrests adjustable separately and in combination, seat heating as standard
Arm consoles	Oscillating consoles with seat, tiltable console left
Operation and displays	Large high-resolution colour display with intuitive opera- tion via touchscreen, video, additional colour display for front and side camera, versatile adjusting, control and monitoring facilities, e.g. climate control, implement and attachment parameters, specific demolition display
Air-conditioning	Standard automatic air-conditioning, ambient air function, fast de-icing and demisting at the press of a button, air vents can be operated via a menu. Ambient 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 The air conditioning system contains fluorinated greenhouse gases
Refrigerant	R134a
Global warming potential	1,430
Quantity at 25 °C*	1,260 g
CO ₂ equivalent	1.80t
Vibration emission**	
Hand/arm vibrations	< 2.5 m/s ² , according with ISO 5349-1:2001
Whole-body vibrations	<0.5 m/s ²
Measuring inaccuracy	According with standard EN 12096:1997
Noise emission	
ISO 6396	71 dB(A) = L _{pA} (inside cab)
2000/14/EC	105 dB(A) = L _{WA} (surround noise)

Undercarriage

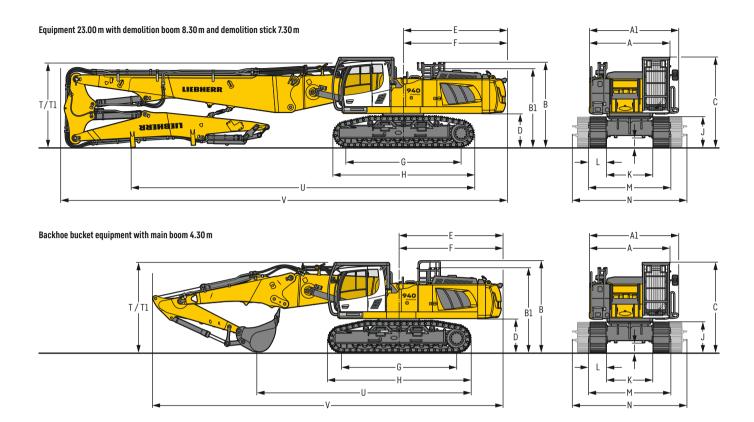
Versions	
VH-HD	Hydraulic variable gauge
LC-V	Mechanical variable gauge
LC/NLC	Standard
Drive	Liebherr swashplate motor with integrated brake valve
Transmission	Liebherr compact planetary reduction gear
Maximum travel speed	2.2 km/h low range
	3.1 km/h high range
Drawbar pull on crawler	400 kN (VH-HD)
	347 kN (LC-V)
	296 kN (LC/NLC)
Track components	D7, D7G, maintenance-free
Track rollers / Carrier rollers	10/3 (VH-HD)
	10/3 (LC-V)
	9/2 (LC/NLC)
Tracks	Sealed and greased
Track pads	Triple grouser
Holding brake	Wet multi-disc (spring applied, pressure released)



• •	
Туре	Combination of resistant steel plates and cast steel components
Hydraulic cylinders	Liebherr cylinders with seal and guidance systems
Bearings	Sealed, low maintenance
Lubrication	Automatic central lubrication system (except link and tilt geometry)
Hydraulic connections	Pipes and hoses equipped with SAE split-flange connections
Buckets	Standard equipped with Liebherr tooth system

^{*} Valid for standard machine without operator's cab elevation and without height adjustable cab ** For the risk assessment according to 2002/44/EC see ISO/TR 25398:2006

Dimensions



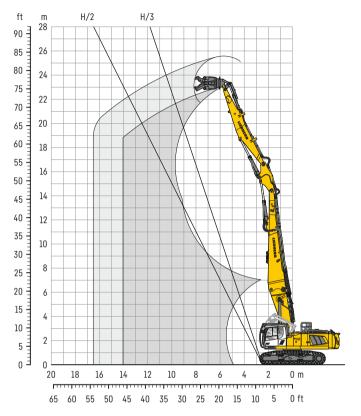
		VH-HD mm	LC-V mm	LC mm	NLC mm
Α	Uppercarriage width	2,9852)	2,9852)	2,9852)	2,9852)
A1	Uppercarriage width with catwalks	3,325	3,325	3,325	3,325
В	Uppercarriage height	3,450	3,560	3,405	3,405
B1	Uppercarriage height (handrails folded)	3,190	3,300	3,145	3,145
C	Cab height	3,400	3,510	3,355	3,355
D	Counterweight ground clearance	1,250	1,360	1,205	1,205
Ε	Rear-end length	3,945	3,945	3,945	3,945
F	Tail swing radius	3,945	3,945	3,945	3,945
G	Wheelbase	4,390	4,400	4,108	4,108
Н	Undercarriage length	5,370	5,365	5,030	5,030
1	Undercarriage ground clearance	440	760	535	535
J	Track height	1,140	1,165	1,070	1,070
K	Track gauge	2,380-3,3003)	2,390-2,8903)	2,590	2,390
L	Track pad width	600	600	600	600
М	Width over tracks	2,980-3,9303)	2,990-3,4903)	3,190	2,990
N	Width over steps	3,090-4,3101)3)	3,240-3,7401)3)	3,180	2,980

	Demolition equipment 23.00 m							
		mm						
	VH-HD LC-V LC							
T	Boom height	3,200	3,300	3,150	3,150			
T1	Boom height with automatic hydraulic coupling system	3,650	3,750	3,600	3,600			
U	Length on ground	13,100	13,050	12,900	12,900			
٧	Overall length	16,950	16,950	16,950	16,950			

		Stick length	Backhoe bucket equipment					
		m		mm				
			VH-HD	LC-V	LC	NLC		
T	Boom height	2.50	3,400	3,450	3,400	3,400		
		2.80	3,450	3,500	3,450	3,450		
T1	Boom height with automatic hydraulic coupling system	2.50	3,850	3,900	3,850	3,850		
		2.80	3,900	3,950	3,900	3,900		
U	Length on ground	2.50	8,150	8,000	7,800	7,800		
		2.80	7,950	7,800	7,600	7,600		
٧	Overall length	2.50	13,400	13,400	13,400	13,400		
	-	2.80	13,400	13,400	13,400	13,400		

¹⁾ width with removable steps 2) without door stop device and spacer 3) work position

Demolition equipment 23.00 m



Reach limitation

		10 m	12 m	14 m
Demolition boom 8.30 m + Intermediate boom + Demolition stick 7.30 m		Attachment weight*		
VH-HD undercarriage	lengthwise transverse	3.00 3.00	3.00 2.75	3.00 2.50
LC-V undercarriage	lengthwise transverse	3.00 3.00	3.00 2.25	2.75 1.75
LC undercarriage	lengthwise transverse	3.00 2.00	3.00 1.75	2.75
NLC undercarriage	lengthwise transverse	3.00 1.50	3.00 1.25	2.50

^{*} included quick coupler, adapter plate and attachment

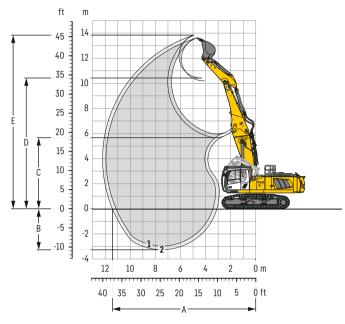
Operating weight and ground pressure

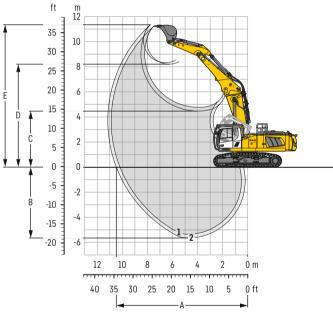
The operating weight includes the basic machine with counterweight 11.0 t, demolition boom 8.30 m, intermediate boom 2.25 m, demolition stick 7.30 m and attachment 3.0 t.

Undercarriage		VH-HD	LC-V	LC	NLC
Pad width	mm	600	600	600	600
Weight	kg	63,900	59,800	54,700	54,600
Ground pressure	ka/cm ²	1.13	1.05	1.03	1.03

Backhoe bucket

with main boom 4.30 m





Digging envelope

Main boom pinned in upper (in lower) bearing

		1	2
Stick length	m	2.50	2.80
A Max. reach at ground level	m	11.13 (10.19)	11.41 (10.48)
B Max. digging depth	m	2.96 (5.35)	3.26 (5.65)
C Min. dumping height	m	5.95 (4.77)	5.66 (4.47)
D Max. dumping height	m	10.20 (8.21)	10.42 (8.21)
E Max. cutting height	m	13.61 (11.23)	13.84 (11.35)

Forces

		1	2
Stick digging force (ISO 6015)	kN	168	156
Bucket digging force (ISO 6015)	kN	204	204
Stick digging force (SAE J1179)	kN	160	149
Bucket digging force (SAE J1179)	kN	178	178

Operating weight and ground pressure

The operating weight includes the basic machine with counterweight 11.0 t, main boom $4.30\,m$, stick $2.50\,m$ and bucket $2.00\,m^3$ (1,210 kg).

Undercarriage		VH-HD	LC-V	LC	NLC
Pad width	mm	600	600	600	600
Weight	kg	58,000	53,900	48,800	48,700
Ground pressure	kg/cm ²	1.02	0.95	0.92	0.92

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

6	ity 451	¥		dercarriage pads 600 mm)		ercarriage oads 600 mm)		rcarriage oads 600 mm)		ercarriage ads 600 mm)
Cuttir	Capac ISO 7	Weigh		ngth (m)		ngth (m)		ngth (m)		ngth (m)
mm	m³	kg	2.50	2.80	2.50	2.80	2.50	2.80	2.50	2.80
1,550	1.60	1,110	A	A	A	A	A	A	A	A
1,650	1.75	1,160	A	A	A	A	A	A	A	A
1,550	1.85	1,170	A	A	A	A	A	A	A	A
1,650	2.00	1,210	A	A	A	A	A	A	A	A
1,750	2.15	1,260	A	A	A	A	A	A	A	•

 $^{^{\}ast}\,$ Indicated loads are based on ISO 10567, at maximum reach, and may be swung 360° on firm and even ground

Max. material weight \triangle = $\leq 2.0 \text{ t/m}^3$, \blacksquare = $\leq 1.8 \text{ t/m}^3$

Lift capacities

with main boom 4.30 m (pinned in upper bearing), counterweight 11.0 t and track pads 600 mm

Stic	Stick 2.50 m Stick 2.80 m 4.5m																			
. 8	1	4.5 m	6.0 m	7.5 m		9.0 m	10	.5 m	0	~ <u>c</u>		. es	1 1	4.5 m	6.0 m	7.5 m	9.0 m	10.5 m		맞
Under- carriage	m	-5 6	6	-5	-	a b	5	Ŀ	-5		m	Inder	m m	b		b	-5 6	-5 6		m
ی د	12.0	-dad -bad	-day bad			-dad bad	-444	bed	-464	bed	""	_ 0	12.0		_ _		'		10.2* 10.2	
	10.5		11.2* 11.2*						9.5*	9.5*	6.7		10.5		10.1* 10.1*				8.3* 8.3	
	9.0		11.2* 11.2*	10.9* 10.)*				8.6*	8.6*	8.2		9.0		9.8* 9.8*	9.9* 9.9*			7.5* 7.5	
	7.5	14.5* 14.5*	13.1* 13.1*	12.4* 12.		.0* 10.0*			8.2*	8.2*	9.3		7.5	11.1* 11.1*	11.1* 11.1*	10.9* 10.9*	9.6* 9.6		7.2* 7.2	
우	6.0		17.0* 17.0*						8.1*	8.1*	10.0	유	6.0		16.6* 16.6*	13.5* 13.5*	11.4 11.5		7.1* 7.1	
VH-HD	4.5		17.8* 17.8*	14.2 14.			0.7	0.00	8.1*	8.1*	10.4	W-HD	4.5		18.2* 18.2*	14.3* 14.3*	11.1 12.0	8.8* 8.8		
	3.0			13.7 14.			8.7	9.9*	8.4*	8.4*	10.6		3.0			13.7 14.8*	10.8 12.2	8.7 10.4		
	1.5 0		9.7* 9.7*	13.4 14. 13.3 14.			8.7	10.0*	8.6 8.8	8.9* 9.4*	10.6		1.5 0		10.8* 10.8*	13.4 14.8* 13.2 14.2*	10.5 12.2° 10.4 11.7°	8.6 10.1 8.6 9.4	* 7.8* 7.8 * 8.5 8.5	
	-1.5		14.4* 14.4*			.5 11.6 .4* 10.4*			8.7*	8.7*	9.9		-1.5		15.1* 15.1*		10.4 11.7	0.0 7.4	8.5* 8.5	
	-3.0		11.1 11.1	12.0 12.	1	10.1			0.7	0.7	7.7		-3.0		10.1 10.1	10.8* 10.8*	10.0 10.0		9.3* 9.3	
	12.0								11.9*	11.9*			12.0						10.0* 10.0	
	10.5		11.3* 11.3*	:					9.4*	9.4*	6.7		10.5		10.0* 10.0*				8.2* 8.2	* 7.1
	9.0		11.3* 11.3*						8.5*	8.5*	8.2		9.0		9.8* 9.8*	9.9* 9.9*			7.5* 7.5	
	7.5	15.5* 15.5*	13.4* 13.4*			.3 10.2*			8.2*	8.2*	9.3		7.5	11.5* 11.5*	11.3* 11.3*	11.0* 11.0*	9.4 9.7		7.2* 7.2	
>	6.0		16.3 17.1*	11.9 13.		.1 11.9*			7.7	8.1*	10.0	>	6.0		16.5 16.7*	12.0 13.6*	9.2 11.7	7.1 0.0	7.1* 7.1	
P:	4.5 3.0		15.2 16.0*	11.4 14. 10.9 14.		.9 12.1* .6 12.3*	7.0	10.0*	7.2 6.9	8.2* 8.5*	10.4	P.C.	4.5 3.0		15.3 18.2*	11.4 14.3* 10.9 14.8*	8.9 12.0° 8.6 12.2°	7.1 9.0	6.9 7.2	
	1.5			10.6 14.		.6 12.3 .4 12.2*		10.0*	6.9	9.0*	10.6		1.5			10.7 14.8	8.4 12.1	6.9 10.1	6.6 7.4	
	0		10.1* 10.1*			.3 11.5*	0.7	10.0	7.1	9.4*	10.4		0		11.1* 11.1*		8.3 11.6	6.9 9.3		
	-1.5		14.3* 14.3*	10.6 12.		.4 10.3*			7.6	8.7*	9.9		-1.5		14.3 14.9*	10.5 12.8*	8.3 10.5	0.7 7.0	7.3 8.5	
	-3.0												-3.0							8.7
	12.0												12.0						10.4* 10.4	
	10.5		11.2* 11.2*						9.6*	9.6*	6.7		10.5		10.1* 10.1*				8.3* 8.3	
	9.0	17.0* 17.0*	11.2* 11.2*			7 00*			8.6*	8.6*	8.2		9.0	10.0* 10.0*	9.8* 9.8*	9.9* 9.9*	70 05		7.5* 7.5	
	7.5 6.0	13.9* 13.9*	13.0* 13.0* 13.6 17.0*	10.4 12. 9.9 13.		.7 9.8* .6 11.5			7.3	8.2* 8.1*	9.3		7.5 6.0	10.8* 10.8*	11.0* 11.0* 13.8 16.6*	10.5 10.8* 10.0 13.5*	7.8 9.5°		7.0 7.2	
2	4.5		12.5 18.5*	9.4 14.		.3 11.2			5.9	8.1*	10.4	2	4.5		12.7 18.1*	9.5 14.2*	7.6 11.4	5.8 8.7		
_	3.0		12.0 10.0	8.9 14.		.1 10.9	5.7	8.8	5.6	8.4*	10.6	_	3.0		12.7 10.1	9.0 14.1	7.1 10.9	5.7 8.8	5.4 7.4	
	1.5			8.6 13.		.9 10.7	5.7	8.7	5.6	8.6	10.6		1.5			8.6 13.7	6.9 10.7	5.6 8.7	5.4 7.8	
	0		9.5* 9.5*	8.5 13.		.8 10.6			5.8	8.9	10.4		0		10.6* 10.6*	8.5 13.5	6.7 10.6	5.6 8.6	5.5 8.5	
	-1.5		11.6 14.5*	8.6 12.	7* 6.	.8 10.4*			6.2	8.7*	9.9		-1.5		11.5 15.2*	8.5 13.0*	6.8 10.6		5.9 8.6	
	-3.0												-3.0			8.7 10.9*			7.2 9.1	
	12.0		11.0* 11.0*						0 /*	0 /*	, -		12.0		101* 101*				10.4* 10.4	
	10.5		11.2* 11.2*	0.0 10)*				9.6*	9.6*	6.7		10.5		10.1* 10.1* 9.8* 9.8*	9.9* 9.9*			8.3* 8.3	
	9.0 7.5	13.9* 13.9*	11.2* 11.2* 13.0* 13.0*	9.9 10. 9.7 12.		.2 9.8*			8.4 6.8	8.6* 8.2*	8.2 9.3		9.0 7.5	10.8* 10.8*	9.8° 9.8° 11.0° 11.0°	9.7 10.8*	7.3 9.5		7.5* 7.5	
	6.0	13.7 13.7	12.6 17.0*	9.7 12.		.0 11.5			6.0	8.1*	10.0		6.0	10.0 10.0	12.8 16.6*	9.7 10.6	7.3 9.3		5.7 7.1	
N C	4.5		11.5 18.5*	8.7 14.		.8 11.2			5.5	8.1*	10.4	Ş	4.5		11.6 18.1*	8.7 14.2*	6.8 11.2	5.4 8.7		
2	3.0			8.2 14.		.5 10.9	5.3	8.8	5.2	8.4*	10.6	Z	3.0			8.2 14.1	6.5 10.9	5.3 8.8	5.0 7.4	
	1.5			7.9 13.	6.	.3 10.7	5.2	8.7	5.2	8.6	10.6		1.5			7.9 13.7	6.3 10.7	5.2 8.6	4.9 7.8	
	0		9.5* 9.5*	7.8 13.		.3 10.6			5.3	8.8	10.4		0		10.4 10.6*	7.8 13.5	6.2 10.5	5.1 8.6	5.1 8.5	
	-1.5		10.6 14.5*	7.9 12.	7* 6.	.3 10.4*			5.7	8.7*	9.9		-1.5		10.5 15.2*	7.8 13.0*	6.2 10.5		5.4 8.6	
	-3.0												-3.0			8.0 10.9*			6.6 9.1	* 8.7

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

The load values are quoted in tons (t) at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position.

Capacities are valid for 600 mm wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via *). Without bucket cylinder,

link and lever the lift capacities will increase by 410 kg. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

According to European Standard, EN 474-5: In the European Union excavators have to be equipped with an overload warning device, a load diagram and automatic safety check valves on hoist cylinders and stick cylinder(s), when they are used for lifting operations which require the use of lifting accessories.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

Lift capacities

with main boom 4.30 m (pinned in lower bearing), counterweight 11.0 t and track pads 600 mm

Stic	k 2.5	50 m								Stic	k 2.8	80 m						
. 8	1	4.5 m	6.0 m	7.5 m	9.0 m	10.5 m		~ ₽	3	. es	12	4.5 m	6.0 m	7.5 m	9.0 m	10.5 m		
Under- carriage	m	-5 6		-5 6	j	j			m	Under- carriage	m m	<u>-</u>	-5 6	<u>-</u>		-5 6	-5	m
_ 3	10.5		_ _	- Gar Gar				bed	1111	_ 0	10.5							
	9.0						8.3*	8.3*	7.3		9.0			8.2* 8.2*			7.3* 7.3*	7.7
	7.5			11.5* 11.5				8.1*	8.5		7.5			10.5* 10.5*			7.1* 7.1*	8.8
	6.0	19.5* 19.5*	14.5* 14.5			:		8.1*	9.2		6.0	18.4* 18.4*	14.0* 14.0*		9.8* 9.8*		7.1* 7.1*	9.5
오	4.5		16.6* 16.6*			·		8.4*	9.7	웊	4.5		16.1* 16.1*		11.2* 11.2*		7.4* 7.4*	10.0
VH-HD	3.0 1.5		18.4* 18.4° 16.4* 16.4°			t		9.0* 9.8*	9.9 9.9	W-H2	3.0 1.5		18.0* 18.0* 18.5* 18.5*		11.1 11.7* 10.8 12.1*		7.8* 7.8* 8.6* 8.6*	10.2 10.2
	0		18.4 18.9		1	:		1.3*	9.7		0		18.4 18.9*	13.6 14.7	10.0 12.1		9.4 9.7*	9.9
	-1.5	12.0* 12.0*		13.5 14.5		:		1.5*	9.1		-1.5	12.0* 12.0*	18.2* 18.2*		10.6 11.9*		10.0 11.2*	9.4
	-3.0		16.2* 16.2*				11.6* 1	1.6*	8.3		-3.0	19.9* 19.9*		13.5* 13.5*			11.3* 11.3*	8.6
	-4.5										-4.5							7.1
	10.5						0.74	0.74			10.5			012 012			774 774	
	9.0 7.5		13.0* 13.0°	11 6* 11 6*				8.3* 8.1*	7.3		9.0			8.4* 8.4* 10.6* 10.6*			7.3* 7.3* 7.1* 7.1*	7.7 8.8
	6.0	19.8* 19.8*	14.6* 14.6		9.5 10.2	:		8.1*	8.5 9.2		7.5 6.0	18.7* 18.7*	14.1* 14.1*		9.5 9.9*		7.1 7.1	9.5
	4.5	17.0 17.0	16.2 16.7		9.2 11.5	:		8.4*	9.7		4.5	10.7 10.7	16.2* 16.2*	12.0 13.0*	9.3 11.2*		7.4* 7.4*	10.0
S	3.0		15.1 18.4			:		9.0*	9.9	.c.	3.0			11.4 14.0*	8.9 11.8*		7.5 7.9*	10.2
_	1.5		14.6 16.4	11.0 14.9	8.7 12.3	:	7.7	9.9*	9.9	_	1.5		14.6 18.5*	11.0 14.7*	8.7 12.2*		7.4 8.6*	10.2
	0		14.5 18.8		8.5 12.3	•		.1.4*	9.7		0		14.4 18.9*	10.7 14.9*	8.5 12.3*		7.5 9.8*	9.9
	-1.5	12.5* 12.5*	14.5 17.9		8.5 11.7	•		1.5*	9.1		-1.5	12.4* 12.4*		10.7 14.5*	8.5 11.8*		8.1 11.2*	9.4
	-3.0 -4.5		14.7 16.1	10.9 13.0			9.7 1	1.5	8.3		-3.0 -4.5	20.1 20.1	14.5 16.5*	10.8 13.4*			9.2 11.3*	8.6 7.1
	10.5										10.5							7.1
	9.0						8.3*	8.3*	7.3		9.0			8.0* 8.0*			7.3* 7.3*	7.7
	7.5		12.9* 12.9*	10.9 11.5			8.1*	8.1*	8.5		7.5			10.5* 10.5*			7.1* 7.1*	8.8
	6.0	19.3* 19.3*	14.5* 14.5			•		8.1*	9.2		6.0	18.2* 18.2*	14.0* 14.0*	10.6 11.9*	8.0 9.7*		7.1* 7.1*	9.5
	4.5		13.4 16.5	10.0 13.2		•		8.4*	9.7		4.5		13.6 16.0*	10.0 12.9*	7.7 11.2*		6.6 7.4*	10.0
2	3.0 1.5		12.4 18.3° 11.9 16.4°	9.4 14.2° 9.0 14.2	7.4 11.3			8.9* 9.6	9.9 9.9	2	3.0 1.5		12.6 17.9* 11.9 18.5*	9.5 13.9* 9.0 14.2	7.4 11.3		6.2 7.8* 6.0 8.5*	10.2 10.2
	0		11.7 18.9	8.8 13.9	7.0 10.8			9.9	9.7		0		11.7 18.9*	8.8 13.9	7.1 11.0		6.1 9.5	9.9
	-1.5	11.7* 11.7*	11.7 18.0°	8.7 13.8	7.0 10.8			0.6	9.1		-1.5	11.8* 11.8*	11.6 18.2*	8.7 13.8	6.9 10.7		6.5 10.1	9.4
	-3.0		11.9 16.3	8.9 13.2			7.8 1		8.3		-3.0	18.0 19.5*	11.8 16.7*	8.7 13.5*			7.4 11.3*	8.6
	-4.5										-4.5						9.6 11.7*	7.1
	10.5										10.5							
	9.0		10.04 10.04					8.3*	7.3		9.0			8.0* 8.0*			7.3* 7.3*	7.7
	7.5 6.0	19.3* 19.3*	12.9* 12.9° 13.5 14.5°	10.2 11.5 ¹ 9.8 12.2 ¹	7.4 9.8	:		8.1* 8.1*	8.5 9.2		7.5 6.0	18.2* 18.2*	13.7 14.0*	10.3 10.5* 9.9 11.9*	7.4 9.7*		7.1* 7.1* 6.7 7.1*	8.8 9.5
	4.5	17.3 17.3	12.4 16.5	9.3 13.2	7.1 11.4	:		8.4*	9.7		4.5	10.2 10.2	12.6 16.0*	9.9 11.9	7.4 9.7		6.1 7.4*	10.0
NEC	3.0		11.4 18.3	8.7 14.2	6.8 11.2			8.9*	9.9	NLC	3.0		11.6 17.9*	8.8 13.9*	6.9 11.3		5.7 7.8*	10.0
2	1.5		10.9 16.4	8.3 14.1	6.6 11.0			9.6	9.9	Z	1.5		10.9 18.5*	8.3 14.1	6.6 11.0		5.6 8.5*	10.2
	0		10.7 18.9	8.1 13.9	6.5 10.8		5.9	9.8	9.7		0		10.7 18.9*	8.1 13.8	6.4 10.8		5.7 9.4	9.9
	-1.5	11.7* 11.7*	10.7 18.0	8.0 13.8	6.4 10.8			.0.6	9.1		-1.5	11.8* 11.8*	10.6 18.2*	8.0 13.7	6.4 10.7		6.0 10.1	9.4
	-3.0		10.9 16.3	8.1 13.2			7.2 1	1.6*	8.3		-3.0	16.3 19.5*	10.8 16.7*	8.0 13.5*			6.8 11.3*	8.6
	- 4.5	1	1				1				- 4.5		1		1		8.9 11.7*	7.1

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

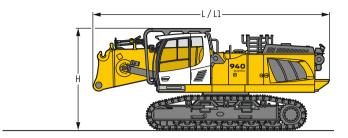
The load values are quoted in tons (t) at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position.

Capacities are valid for 600 mm wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of fipping or 87% of hydraulic capacity (indicated via *). Without bucket cylinder, link and lever the lift capacities will increase by 410 kg. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

According to European Standard, EN 474-5: In the European Union excavators have to be equipped with an overload warning device, a load diagram and automatic safety check valves on hoist cylinders and stick cylinder(s), when they are used for lifting operations which require the use of lifting accessories.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

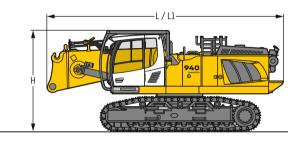
Dimensions and weights



Basic machine

without counterweight with cab tiltable 30° and integral protection grid

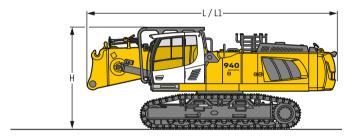
		VH-HD	LC-V	LC	NLC
L	mm	8,000	8,000	8,000	8,000
L1 with automatic hydraulic coupling system	mm	8,250	8,250	8,250	8,250
Н	mm	3,400	3,510	3,355	3,355
Weight	kg	40,900	36,800	31,700	31,600
Weight with automatic hydraulic coupling system	kg	41,800	37,700	32,600	32,500



Basic machine

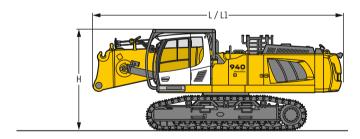
without counterweight with cab tiltable 30° and integral protection grid on tilting device

		VH-HD	LC-V	LC	NLC
L	mm	8,000	8,000	8,000	8,000
L1 with automatic hydraulic coupling system	mm	8,250	8,250	8,250	8,250
Н	mm	3,400	3,510	3,355	3,355
Weight	kg	41,300	37,200	32,100	32,000
Weight with automatic hydraulic coupling system	kg	42,200	38,100	33,000	32,900



Basic machine with counterweight 11.0 t, cab tiltable 30° and integral protection grid

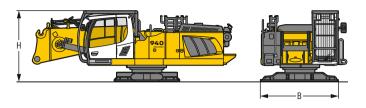
		VH-HD	LC-V	LC	NLC
L	mm	8,450	8,450	8,450	8,450
L1 with automatic hydraulic coupling system	mm	8,700	8,700	8,700	8,700
Н	mm	3,400	3,510	3,355	3,355
Weight	kg	51,900	47,800	42,700	42,600
Weight with automatic hydraulic coupling system	kg	52,800	48,700	43,600	43,500



Basic machine

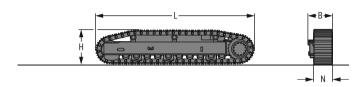
with counterweight 11.0 t, cab tiltable 30° and integral protection grid on tilting device

		VH-HD	LC-V	LC	NLC
L	mm	8,450	8,450	8,450	8,450
L1 with automatic hydraulic coupling system	mm	8,700	8,700	8,700	8,700
Н	mm	3,400	3,510	3,355	3,355
Weight	kg	52,300	48,200	43,100	43,000
Weight with automatic hydraulic coupling system	kg	53,200	49,100	44,000	43,900



Basic machine without side frames

В		mm 2,995
Н	Height	mm 2,750
	Weight	kg 24,700
	Weight with automatic hydraulic coupling system	kg 25,600



Side frame for LC-V undercarriage

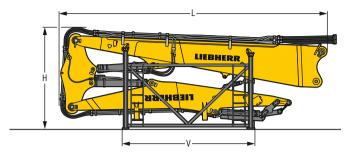
L	Length	mm	5,555
Н	Height	mm	1,175
N		mm	600
В		mm	795
	Weight	kg	6,250



Counterweight

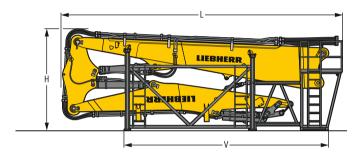
		-	
L	Length	mm	940
Н	Height	mm	1,420
	Width	mm	2,970
	Weight	kg	11,000

Dimensions and weights



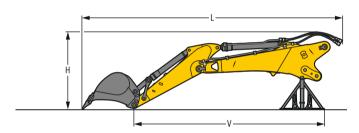
Demolition equipment with storage rack

23.	.00 m
L Length mm S	,050
H Height mm 3	3,400
V mm 4	,450
Width mm 2	2,500
Weight without attachment kg 10),100
Weight with automatic hydraulic coupling system kg 10	,500



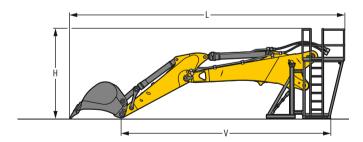
Demolition equipment with storage rack with catwalks

			23.00 m
L	Length mr	n	9,500
Н	Height mn	n	3,400
٧	mr	n	6,900
	Width mn	n	2,500
	Weight without attachment kg	g	10,900
	Weight with automatic hydraulic coupling system kg	g	11,300



Backhoe equipment with storage rack

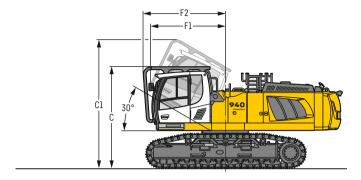
	Main boom length	m	4.30	
	Stick length	m	2.50	2.80
L	Length	mm	8,800	9,100
Н	Height	mm	2,600	2,600
٧		mm	6,450	6,750
	Width	mm	2,500	2,500
	Weight without bucket	kg	5,100	5,200
	Weight with automatic hydraulic coupling system	kg	5,500	5,600



Backhoe equipment with storage rack with catwalks

	Main boom length	m	4.30	
	Stick length	m	2.50	2.80
L	Length	mm	9,300	9,600
Н	Height	mm	3,020	3,020
٧		mm	7,050	7,350
	Width	mm	2,500	2,500
	Weight without bucket	kg	5,700	5,800
	Weight with automatic hydraulic coupling system	kg	6,100	6,200

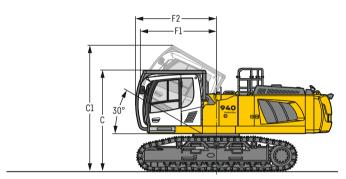
Choice of cab elevations



Version

with cab tiltable 30° and integral protection grid

		VH-HD	LC-V	LC	NLC
C	mm	3,400	3,510	3,365	3,365
C1	mm	4,325	4,435	4,290	4,290
F1	mm	2,530	2,530	2,530	2,530
F2	mm	2,770	2,770	2,770	2,770



Versionwith cab tiltable 30° and integral protection grid on tilting device

		-	-				
				VH-HD	LC-V	LC	NLC
C			mm	3,400	3,510	3,355	3,355
C1			mm	4,245	4,355	4,210	4,210
F1			mm	2,570	2,570	2,570	2,570
F2			mm	2,730	2,730	2,730	2,730

Serial equipment



Undercarriage

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

Uppercarriage

Anti-skid surfaces Automatic swing brake lock Centralised lubrication system (automatic) Engine hood with gas spring opening Handrails

Lockable fuel tank cap Lockable tool box Sound insulation

Hydraulic system

Filter with integrated fine filters

High pressure circuit with Tool Control and LDC

Hydraulic pressure measuring ports

Medium pressure circuit

Pressure accumulator for controlled lowering of equipment with engine turned off

Shut-off valve between hydraulic tank and pumps



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 pre-filter and water separator

Intercooler

Power Pack EU Stage V

Power Pack non-regulated countries (for select markets)



9" multifunction colour touchscreen + demolition display for LDC Air conditioning, automatic, tri-zone, controlled via display

Bottle holder

Cab door sliding windows

Cigarette lighter

Coat hook

DEF level on touchscreen

Emergency stop in cab

Engine oil level on touchscreen

Fuel level on touchscreen

Hydraulic oil level on touchscreen

Impact resistant one-piece windscreen

Impact resistant roof window

Integral front wiper and washer

Integral protection guard

Interior lighting

Left hand side view monitoring camera

LiDAT Plus (Liebherr data transfer system)*

Mechanical hour meter, visible from ground level

Rear view monitoring camera

Rear window emergency exit

Right hand side view monitoring camera

Roll-down sun blinds for windscreen and roof window

Roof wiper and washer

Rubber floor mat, fixed on floor and removable

Storage spaces

Visco-elastic damping

Work mode selector



Equipment

Pipe fracture safety valves for boom cylinders Standard boom with quick change coupling

^{*} optionally extendable after one year

Equipment standard / option

Undercarriage

Chain guide 1 piece	•
Chain guide 4 pieces	+
Chain guide full length	+
Chain scrapers	+
Special painting	+
Tracks, sealed and greased	•
Undercarriage LC	+
Undercarriage LC-V	+
Undercarriage NLC	+
Undercarriage VH-HD	+

□ Uppercarriage

Air compressor	+
Boxing ring	+
Catwalks tiltable left and right	+
Electric socket on uppercarriage (24V)	+
Fogging system	+
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)
Headlights on uppercarriage, rear, LED+, 2 pieces	+1)
Lighting for tank area	+1)
Lighting for uppercarriage access	+1)
Radiator fine mesh protection grid	+
Reversible fan drive	+
Rock protection (swing gear and lubrication pipes)	+
Special painting	+
Tank refilling pump fuel	+
Tool set including storage case	•
Transport device for the counterweight	+
Uppercarriage bottom and side protection	+

Hydraulic system

Bypass filter for hydraulic oil	+
Filter for hydraulic hammer return flow	+
High flow	+
Liebherr hydraulic oil	•
Liebherr hydraulic oil, adapted for extreme climate conditions	+
Liebherr hydraulic oil, biodegradable	+
Pre-heating system for hydraulic oil (240 V)	+

Engine

G	
Automatic engine shutdown after idling	+
Pre-heating system for fuel, coolant and engine oil (240 V)	+

2" seat belt with retractor	•
3" seat belt with retractor, orange colour	+
4-points seat belt	+
Acoustic travel alarm deactivatable	+
Additional air filtration	+
Air system for roof window cleaning	+
Auxilary heater programmable	+
Coming / Leaving Home with lighting for cabin access	+
Cool box (12V)	+
Dark tinted windows	+
Electrically adjustable and heated outside rear-view mirrors	+
Electronic immobiliser	+
Fire extinguisher	+
Footrest	+
Headlights on cab, front, LED, 2 pieces	•l)
Headlights on cab, front, LED+, 2 pieces	+1)
Luminosity control (LED+ headlights)	+1)
Operator seat Comfort	•
Operator seat Premium	+
Radio Comfort	+
Radio pre-installation	•
Rotating beacon on cabin, LED, 1 piece	+
Cupuinar	

Equipment

Automatic hydraulic coupling system Boom cylinders rod protection Bucket cylinder rod protection for backhoe equipment Camera for equipment Centralised lubrication extended for connecting link for backhoe equipment + Fogging system for backhoe equipment + Fogging system for demolition equipment + Headlight on boom, on each side, LED, 1 piece, protection included + Headlight on boom, on each side, LED+, 1 piece, protection included + Headlights on equipment, LED+, 4 pieces, protection included + Headlights on equipment, LED+, 4 pieces, protections included + Headlights on equipment, LED+, 4 pieces, protections included + High pressure circuit for backhoe equipment + Medium pressure circuit for backhoe equipment + Pipe fracture safety valve for stick cylinder for backhoe equipment - Quick coupler SWA 66 hydraulic Quick coupler SWA 66 mechanical Solidlink for quick coupler SWA 66 hydraulic Standard boom with multicouplers for demolition boom and backhoe equipment + Storage rack with catwalks - Tool Management + Tool Management	- =qaipiiioiit	
Bucket cylinder rod protection for backhoe equipment + Camera for equipment + Centralised lubrication extended for connecting link for backhoe equipment + Fogging system for backhoe equipment + Fogging system for demolition equipment + Fogging system for demolition equipment + Headlight on boom, on each side, LED, 1 piece, protection included • IHeadlight on boom, on each side, LED, 1 piece, protection included + IHHEADLIGHT STATE STA	Automatic hydraulic coupling system	+
Camera for equipment + Centralised lubrication extended for connecting link for backhoe equipment + Fogging system for backhoe equipment + Fogging system for demolition equipment + Headlight on boom, on each side, LED, 1 piece, protection included Headlight on boom, on each side, LED+1 piece, protection included Headlights on equipment, LED, 4 pieces, protections included Headlights on equipment, LED+, 4 pieces, protections included Headlights on equipment, LED+, 4 pieces, protections included High pressure circuit for backhoe equipment Hedium pressure circuit for backhoe equipment Hed	Boom cylinders rod protection	+
Centralised lubrication extended for connecting link for backhoe equipment + Fogging system for backhoe equipment + Fogging system for demolition equipment + Headlight on boom, on each side, LED, 1 piece, protection included + Headlight on boom, on each side, LED, 1 piece, protection included + Headlights on equipment, LED, 4 pieces, protections included + Headlights on equipment, LED+, 4 pieces, protections included + High pressure circuit for backhoe equipment + Medium pressure circuit for backhoe equipment + Medium pressure circuit for backhoe equipment + Pipe fracture safety valve for stick cylinder for backhoe equipment + Quick coupler for standard boom + Quick coupler SWA 66 hydraulic + Solidlink for quick coupler SWA 66 hydraulic + Standard boom with multicouplers for demolition boom and backhoe equipment + Stick bottom protection + Storage rack with catwalks + *	Bucket cylinder rod protection for backhoe equipment	+
Fogging system for backhoe equipment + Fogging system for demolition equipment + Headlight on boom, on each side, LED, 1 piece, protection included + Headlight on boom, on each side, LED, 1 piece, protection included + Headlights on equipment, LED, 4 pieces, protections included + Headlights on equipment, LED+, 4 pieces, protections included + High pressure circuit for backhoe equipment + Medium pressure circuit for backhoe equipment + Overload warning system + Overload warning system + Quick coupler for standard boom + Quick coupler for standard boom + Quick coupler SWA 66 hydraulic + Solidlink for quick coupler SWA 66 hydraulic + Standard boom with multicouplers for demolition boom and backhoe equipment + Stick bottom protection + Storage rack with catwalks +	Camera for equipment	+
Fogging system for demolition equipment Headlight on boom, on each side, LED, 1 piece, protection included Headlight on boom, on each side, LED+, 1 piece, protection included Headlights on equipment, LED, 4 pieces, protections included Headlights on equipment, LED+, 4 pieces, protections included Headlights on equipment, LED+, 4 pieces, protections included Headlights on equipment, LED+, 4 pieces, protections included Headlimp ressure circuit for backhoe equipment Hedium pressure circuit for backhoe equipment Uoverload warning system Pipe fracture safety valve for stick cylinder for backhoe equipment Houick coupler for standard boom Guick coupler SWA 66 hydraulic Houick coupler SWA 66 hydraulic Standard boom with multicouplers for demolition boom and backhoe equipment House bottom protection House system of the standard boom and backhoe equipment House system of the standard b	Centralised lubrication extended for connecting link for backhoe equipment	+
Headlight on boom, on each side, LED, 1 piece, protection included Headlight on boom, on each side, LED+, 1 piece, protection included Headlights on equipment, LED, 4 pieces, protections included Headlights on equipment, LED+, 4 pieces, protections included Headlights on equipment, LED+, 4 pieces, protections included High pressure circuit for backhoe equipment Hedium pressure circuit for backhoe equipment + Overload warning system Pipe fracture safety valve for stick cylinder for backhoe equipment + Quick coupler for standard boom Auick coupler SWA 66 hydraulic Hedium for quick coupler SWA 66 hydraulic Standard boom with multicouplers for demolition boom and backhoe equipment + Storage rack with catwalks	Fogging system for backhoe equipment	+
Headlight on boom, on each side, LED+, 1 piece, protection included Headlights on equipment, LED, 4 pieces, protections included Headlights on equipment, LED+, 4 pieces, protections included High pressure circuit for backhoe equipment High pressure circuit for backhoe equipment + Overload warning system Pipe fracture safety valve for stick cylinder for backhoe equipment + Quick coupler for standard boom Quick coupler SWA 66 hydraulic + Quick coupler SWA 66 mechanical Solidlink for quick coupler SWA 66 hydraulic Standard boom with multicouplers for demolition boom and backhoe equipment + Storage rack with catwalks + Storage rack with catwalks	Fogging system for demolition equipment	+
Headlights on equipment, LED, 4 pieces, protections included Headlights on equipment, LED+, 4 pieces, protections included High pressure circuit for backhoe equipment Hedium pressure circuit for backhoe equipment Hediuck coupler for standard boom Hediuck coupler for standard boom Hediuck coupler SWA 66 hydraulic Hediuck coupler SWA 66 mechanical Hediuck coupler SWA 66 hydraulic Hediuck coupler SWA 66 hydr	Headlight on boom, on each side, LED, 1 piece, protection included	•1)
Headlights on equipment, LED+, 4 pieces, protections included + High pressure circuit for backhoe equipment + Medium pressure circuit for backhoe equipment + Overload warning system + Pipe fracture safety valve for stick cylinder for backhoe equipment + Quick coupler for standard boom + Quick coupler SWA 66 hydraulic + Quick coupler SWA 66 mechanical + Solidlink for quick coupler SWA 66 hydraulic + Standard boom with multicouplers for demolition boom and backhoe equipment + Stick bottom protection + Storage rack with catwalks +	Headlight on boom, on each side, LED+, 1 piece, protection included	+1)
High pressure circuit for backhoe equipment + Medium pressure circuit for backhoe equipment + Overload warning system + Pipe fracture safety valve for stick cylinder for backhoe equipment + Quick coupler for standard boom + Quick coupler SWA 66 hydraulic + Quick coupler SWA 66 mechanical + Solidlink for quick coupler SWA 66 hydraulic + Standard boom with multicouplers for demolition boom and backhoe equipment + Stick bottom protection + Storage rack with catwalks +	Headlights on equipment, LED, 4 pieces, protections included	•
Medium pressure circuit for backhoe equipment + Overload warning system + Pipe fracture safety valve for stick cylinder for backhoe equipment + Quick coupler for standard boom + Quick coupler SWA 66 hydraulic + Quick coupler SWA 66 mechanical + Solidlink for quick coupler SWA 66 hydraulic + Standard boom with multicouplers for demolition boom and backhoe equipment + Stick bottom protection + Storage rack with catwalks +	Headlights on equipment, LED+, 4 pieces, protections included	+
Overload warning system + Pipe fracture safety valve for stick cylinder for backhoe equipment + Quick coupler for standard boom + Quick coupler SWA 66 hydraulic + Quick coupler SWA 66 mechanical + Solidlink for quick coupler SWA 66 hydraulic + Standard boom with multicouplers for demolition boom and backhoe equipment + Stick bottom protection + Storage rack with catwalks +	High pressure circuit for backhoe equipment	+
Pipe fracture safety valve for stick cylinder for backhoe equipment + Quick coupler for standard boom + Quick coupler SWA 66 hydraulic + Quick coupler SWA 66 mechanical + Solidlink for quick coupler SWA 66 hydraulic + Standard boom with multicouplers for demolition boom and backhoe equipment + Stick bottom protection + Storage rack with catwalks +	Medium pressure circuit for backhoe equipment	+
Quick coupler for standard boom + Quick coupler SWA 66 hydraulic + Quick coupler SWA 66 mechanical + Solidlink for quick coupler SWA 66 hydraulic + Standard boom with multicouplers for demolition boom and backhoe equipment + Stick bottom protection + Storage rack with catwalks +	Overload warning system	+
Quick coupler SWA 66 hydraulic + Quick coupler SWA 66 mechanical + Solidlink for quick coupler SWA 66 hydraulic + Standard boom with multicouplers for demolition boom and backhoe equipment + Stick bottom protection + Storage rack with catwalks +	Pipe fracture safety valve for stick cylinder for backhoe equipment	+
Quick coupler SWA 66 mechanical + Solidlink for quick coupler SWA 66 hydraulic + Standard boom with multicouplers for demolition boom and backhoe equipment + Stick bottom protection + Storage rack with catwalks +	Quick coupler for standard boom	+
Solidlink for quick coupler SWA 66 hydraulic + Standard boom with multicouplers for demolition boom and backhoe equipment + Stick bottom protection + Storage rack with catwalks +	Quick coupler SWA 66 hydraulic	+
Standard boom with multicouplers for demolition boom and backhoe equipment + Stick bottom protection + Storage rack with catwalks +	Quick coupler SWA 66 mechanical	+
Stick bottom protection + Storage rack with catwalks +		+
Storage rack with catwalks +	Standard boom with multicouplers for demolition boom and backhoe equipment	+
	Stick bottom protection	+
Tool Management +	Storage rack with catwalks	+
	Tool Management	+

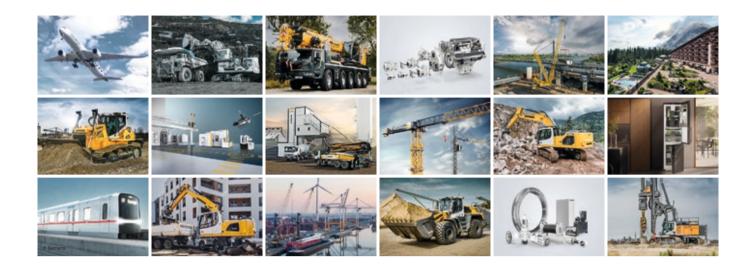
• = Standard. + = Option

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

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.

All illustrations and data may differ from standard equipment. Subject to change without notice. All indicated loads are based in accordance with ISO 9248. RG-BK \cdot LFR/SP-12258606-web-04.25_enGB

The Liebherr Group



Global and independent: more than 70 years of success

Liebherr was founded in 1949 when, with the development of the world's first mobile tower crane, Hans Liebherr laid the foundations for a family-run company which now has more than 50,000 employees and comprises over 150 companies across every continent. 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 is a pioneer and its forward-looking approach has seen it make important contributions to technology history over a wide variety of industries. Employees throughout the world continue to share the courage of the company founder, sharing a passion to produce innovative products and a determination to provide world-leading equipment and machinery.

Diversified product programme

Liebherr is one of the world's biggest construction machine manufacturers and provides high-quality, user-oriented products and services. Its product programme includes 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.

Customised solutions and maximum customer value

Liebherr solutions are characterised by precision, implementation and longevity. The company is committed to technological excellence and to providing customers with solutions that match their needs exactly. For Liebherr, customer focus does not end with delivery of a product but continues through a comprehensive range of back-up and support services.

www.liebherr.com