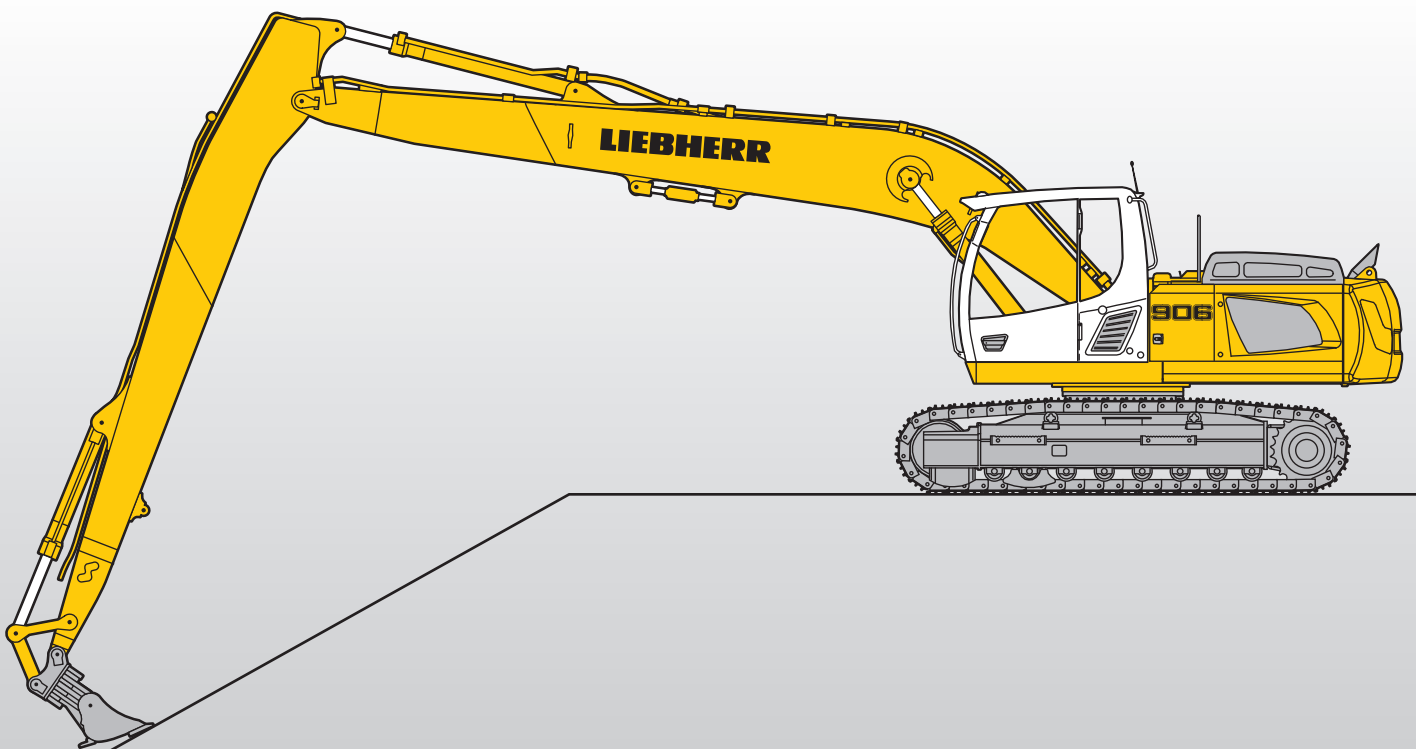


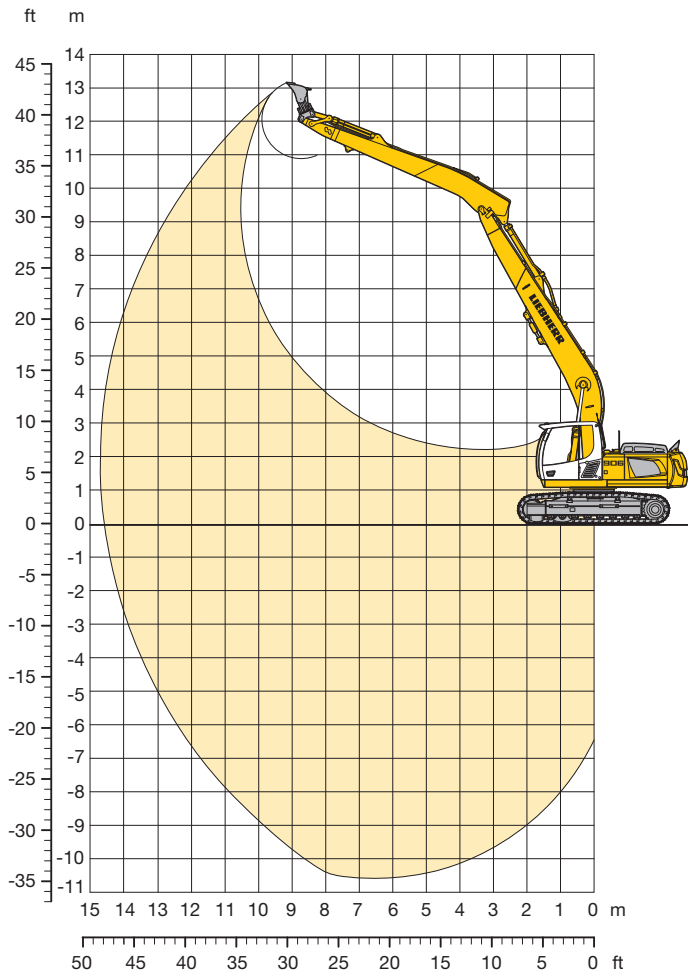
## Attachment Information

Liebherr Crawler Excavator  
with Multi-User Attachment



# Ditchcleaning Attachment «Multi-User»

with Gooseneck Boom 8.20 m for Ditchcleaning Attachment and WLC-Undercarriage



## Digging Envelope for Ditchcleaning Bucket

Stick length	m	6.00
Max. digging depth	m	10.60
Max. reach at ground level	m	14.60
Max. dump height	m	10.90
Max. teeth height	m	13.15
Digging force ISO	kN	68.2
	t	6.9
Breakout force ISO	kN	142.0
	t	14.5

## Operating Weight and Ground Pressure

Operating weight includes basic machine with counterweight 4.0 t, gooseneck boom 8.20 m for ditchcleaning attachment, stick 6.00 m for ditchcleaning attachment and bucket 0.60 m<sup>3</sup> (430 kg).

Undercarriage		WLC		
Pad width	mm	500	600	750
Weight	kg	24,450	24,750	25,200
Ground pressure	kg/cm <sup>2</sup>	0.62	0.52	0.43

## Ditchcleaning Bucket

Cutting width SAE	mm	2,000
Capacity ISO 7451	m <sup>3</sup>	0.40
Weight	kg	370
Specific weight	t/m <sup>3</sup>	1.80



















## Bucket


Cutting width SAE	mm	500	650	850
Capacity ISO 7451	m <sup>3</sup>	0.30	0.45	0.60
Weight	kg	330	390	430
Specific weight	t/m <sup>3</sup>	1.80	1.50	1.20

# Lift Capacities

with Gooseneck Boom 8.20 m for Ditchcleaning Attachment and WLC-Undercarriage

## Stick 6.00 m for Ditchcleaning Attachment

↑ m	Under-carriage	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		12.0 m		13.5 m		m			
																					
10.5	WLC											0.8*	0.8*					0.8*	0.8*	10.53	
9.0	WLC											1.6*	1.6*					0.7*	0.7*	11.62	
7.5	WLC											2.0	2.1*	1.2*	1.2*			0.7*	0.7*	12.44	
6.0	WLC										2.3*	2.3*	1.8	2.1*	1.3	1.7*			0.7*	0.7*	13.03
4.5	WLC										2.4	2.6*	1.7	2.3*	1.2	2.1*			0.7*	0.7*	13.42
3.0	WLC										2.2	2.8*	1.5	2.4*	1.1	2.1	0.7	1.0*	0.7	0.8*	13.64
1.5	WLC	4.6*	4.6*	6.0	7.1*	3.9	4.9*	2.7	3.8*	1.9	3.1*	1.4	2.6	1.0	2.0	0.6	1.2*	0.6	0.8*	13.69	
0	WLC	3.6*	3.6*	5.0	7.9*	3.3	5.5*	2.3	4.1*	1.7	3.2	1.2	2.4	0.9	1.9	0.6	1.1*	0.6	1.0*	13.57	
-1.5	WLC	4.1*	4.1*	4.5	7.6*	2.9	5.7	2.1	4.0	1.5	3.0	1.1	2.3	0.8	1.8			0.6	1.1*	13.28	
-3.0	WLC	5.0*	5.0*	4.3	7.9*	2.7	5.4	1.9	3.8	1.4	2.8	1.0	2.2	0.7	1.7			0.6	1.3*	12.80	
-4.5	WLC	6.1*	6.1*	4.3	7.5*	2.6	5.3	1.8	3.7	1.3	2.8	1.0	2.1	0.7	1.7			0.7	1.7	12.12	
-6.0	WLC	7.3*	7.3*	4.4	6.7*	2.7	5.1*	1.8	3.7	1.3	2.8	1.0	2.2					0.9	2.0	11.20	
-7.5	WLC	7.6*	7.6*	4.6	5.6*	2.8	4.3*	1.9	3.3*	1.4	2.6*							1.2	2.1*	9.96	
-9.0	WLC			3.9*	3.9*	3.1*	3.1*	2.1	2.3*									1.8	1.9*	8.26	

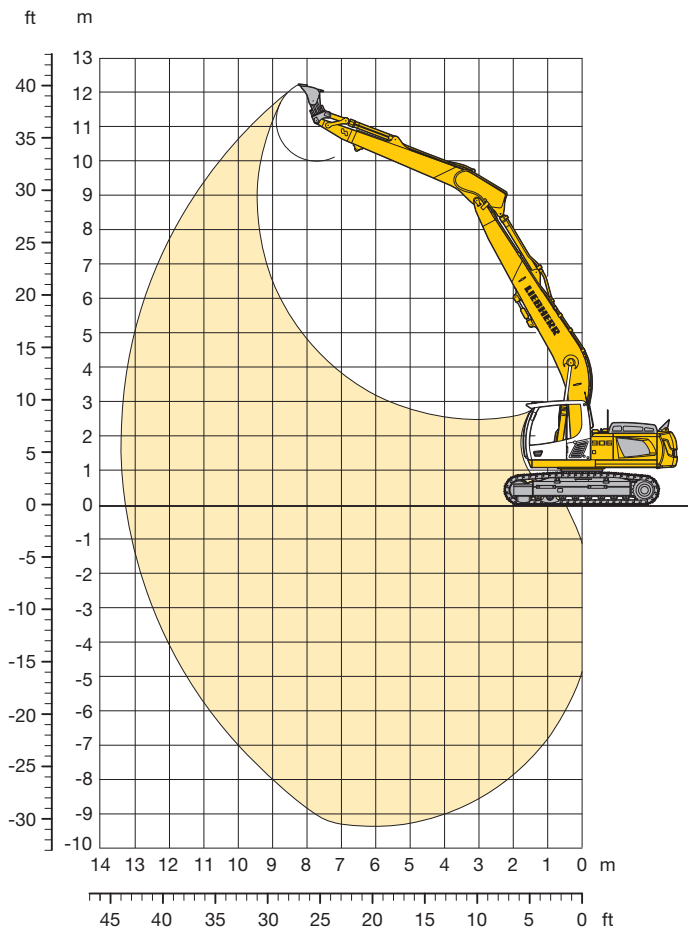
 Height  Can be slewed through 360°  In longitudinal position of undercarriage  Max. reach \* Limited by hydr. capacity

The lift capacities are stated in metric tonnes (t) on the backhoe bucket's load hook and can be lifted 360° on firm, level supporting surface. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 600 mm wide triple-grouser pads. Indicated loads are based on ISO 10567 standard and do not exceed 75 % of tipping or 87 % of hydraulic capacity (indicated by \*). Without bucket the lift capacities will increase by 430 kg, without bucket cylinder, link and lever they increase by an additional 315 kg.

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 check valves on the hoist cylinders, when they are used for lifting operations which require the use of lifting accessories.

# Ditchcleaning Attachment «Multi-User»

with Gooseneck Boom 7.60 m for Ditchcleaning Attachment



## Digging Envelope for Ditchcleaning Bucket

Stick length	m	5.20
Max. digging depth	m	9.35
Max. reach at ground level	m	13.25
Max. dump height	m	10.00
Max. teeth height	m	12.25
Digging force ISO	kN	71.0
	t	7.2
Breakout force ISO	kN	142.0
	t	14.5

## Operating Weight and Ground Pressure

Operating weight includes basic machine with counterweight 4.0 t, gooseneck boom 7.60 m for ditchcleaning attachment, stick 5.20 m for ditchcleaning attachment and bucket 0.60 m<sup>3</sup> (430 kg).

Undercarriage		LC			WLC		
Pad width	mm	500	600	750	500	600	750
Weight	kg	24,150	24,450	24,900	24,200	24,500	24,950
Ground pressure	kg/cm <sup>2</sup>	0.61	0.52	0.42	0.62	0.52	0.42

## Ditchcleaning Bucket

Cutting width SAE	mm	2,000	2,000 <sup>1)</sup>	2,000	2,000 <sup>1)</sup>
Capacity ISO 7451	m <sup>3</sup>	0.40	0.50	0.70	0.70
Weight	kg	370	680	500	800
Specific weight with LC-Undercarriage	t/m <sup>3</sup>	1.80	1.50	1.20	–
Specific weight with WLC-Undercarriage	t/m <sup>3</sup>	1.80	1.80	1.50	1.20

<sup>1)</sup> Ditchcleaning bucket 2 x 50° tiltable



















## Bucket




Cutting width SAE	mm	500	650	850	1,050
Capacity ISO 7451	m <sup>3</sup>	0.30	0.45	0.60	0.80
Weight	kg	330	390	430	510
Specific weight with LC-Undercarriage	t/m <sup>3</sup>	1.80	1.80	1.50	–
Specific weight with WLC-Undercarriage	t/m <sup>3</sup>	1.80	1.80	1.80	1.20

# Lift Capacities

with Gooseneck Boom 7.60 m for Ditchcleaning Attachment

## Stick 5.20 m for Ditchcleaning Attachment

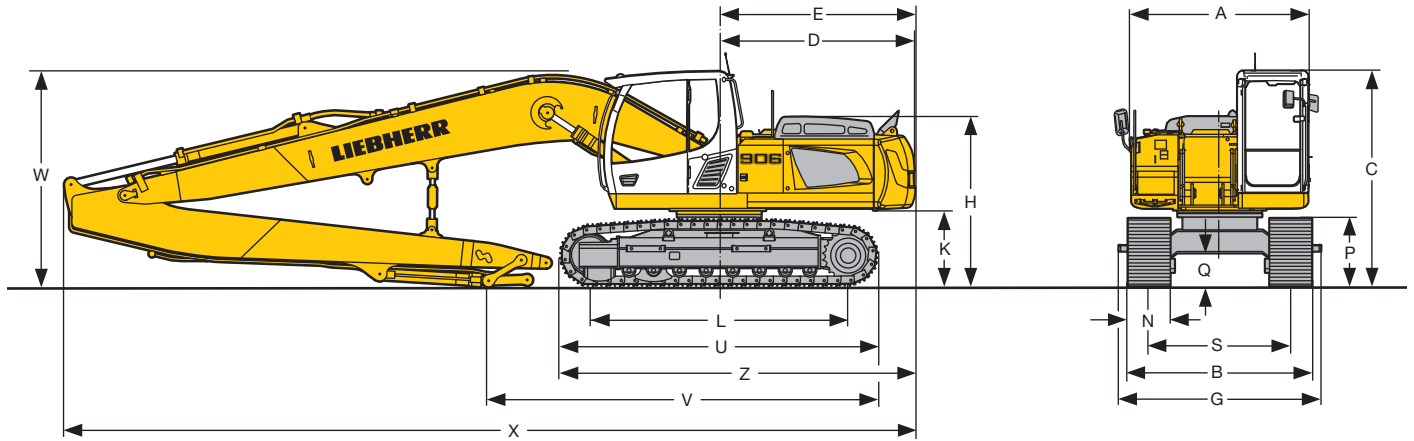
↕ m	Under-carriage	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		12.0 m		13.5 m		m		
																				
10.5	LC																	1.1*	1.1*	8.71
	WLC																	1.1*	1.1*	
9.0	LC									2.0*	2.0*							1.0*	1.0*	10.01
	WLC									2.0*	2.0*							1.0*	1.0*	
7.5	LC									2.6	2.6*	1.6*	1.6*					1.0*	1.0*	10.95
	WLC									2.6*	2.6*	1.6*	1.6*					1.0*	1.0*	
6.0	LC									2.4	2.7*	1.7	2.3*					1.0*	1.0*	11.61
	WLC									2.6	2.7*	1.8	2.3*					1.0*	1.0*	
4.5	LC							3.3	3.4*	2.3	3.0*	1.6	2.7*	1.1	1.1*			1.0*	1.0*	12.06
	WLC							3.4*	3.4*	2.4	3.0*	1.7	2.7*	1.1*	1.1*			1.0*	1.0*	
3.0	LC	10.2*	10.2*	6.3*	6.3*	4.3	4.7*	2.9	3.8*	2.0	3.2*	1.4	2.8	1.0	1.6*			0.9	1.1*	12.30
	WLC	10.2*	10.2*	6.3*	6.3*	4.6	4.7*	3.1	3.8*	2.2	3.2*	1.6	2.8	1.1	1.6*			1.0	1.1*	
1.5	LC	5.0*	5.0*	5.7	7.7*	3.7	5.4*	2.6	4.2*	1.8	3.5*	1.3	2.7	0.9	1.9*			0.8	1.2*	12.35
	WLC	5.0*	5.0*	6.1	7.7*	4.0	5.4*	2.8	4.2*	2.0	3.5*	1.5	2.7	1.0	1.9*			1.0	1.2*	
0	LC	4.4*	4.4*	4.9	8.5*	3.2	6.0*	2.3	4.4	1.6	3.3	1.2	2.5	0.9	1.9*			0.8	1.4*	12.22
	WLC	4.4*	4.4*	5.3	8.5*	3.5	6.0*	2.5	4.4	1.8	3.3	1.3	2.5	1.0	1.9*			0.9	1.4*	
-1.5	LC	5.2*	5.2*	4.5	8.7*	2.9	5.9	2.0	4.2	1.5	3.1	1.1	2.4					0.8	1.6*	11.89
	WLC	5.2*	5.2*	4.9	8.7*	3.2	5.9	2.3	4.2	1.7	3.1	1.2	2.4					0.9	1.6*	
-3.0	LC	6.3*	6.3*	4.4	8.4*	2.8	5.8	1.9	4.0	1.4	3.0	1.0	2.4					0.9	1.9*	11.36
	WLC	6.3*	6.3*	4.8	8.4*	3.1	5.8	2.1	4.1	1.6	3.0	1.2	2.4					1.0	1.9*	
-4.5	LC	7.7*	7.7*	4.4	7.7*	2.7	5.7*	1.9	4.0	1.4	3.0	1.0	2.4					1.0	2.3	10.58
	WLC	7.7*	7.7*	4.9	7.7*	3.0	5.7*	2.1	4.0	1.5	3.0	1.2	2.4					1.2	2.4	
-6.0	LC	9.0*	9.0*	4.6	6.5*	2.8	5.0*	1.9	3.9*	1.4	3.0*							1.3	2.7*	9.51
	WLC	9.0*	9.0*	5.0	6.5*	3.1	5.0*	2.2	3.9*	1.6	3.0*							1.5	2.7*	
-7.5	LC	6.3*	6.3*	4.8	4.9*	3.0	3.8*	2.1	2.8*									1.9	2.5*	8.00
	WLC	6.3*	6.3*	4.9*	4.9*	3.3	3.8*	2.3	2.8*									2.1	2.5*	

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

The lift capacities are stated in metric tonnes (t) on the backhoe bucket's load hook and can be lifted 360° on firm, level supporting surface. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 600 mm wide triple-grouser pads. Indicated loads are based on ISO 10567 standard and do not exceed 75 % of tipping or 87 % of hydraulic capacity (indicated by \*). Without bucket the lift capacities will increase by 430 kg, without bucket cylinder, link and lever they increase by an additional 315 kg.

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 check valves on the hoist cylinders, when they are used for lifting operations which require the use of lifting accessories.

# Dimensions



	LC			WLC		
	mm			mm		
A	2,500			2,500		
C	3,047			3,047		
D	2,770			2,770		
E	2,790			2,790		
H	2,402			2,402		
K	1,095			1,095		
L	3,648			3,648		
P	955			955		
Q	460			460		
S	2,250			2,380		
U	4,510			4,510		
N	500	600	750	500	600	750
B	2,810	2,850	3,000	2,974	2,980	3,130
G	2,810	2,850	3,110	2,974	2,980	3,274
Z	5,030			5,030		

Gooseneck Boom 7.60 m for Ditchcleaning Attachment, Stick 5.20 m for Ditchcleaning Attachment		mm
V		7,150
W		3,000
X		11,400

Gooseneck Boom 8.20 m for Ditchcleaning Attachment, Stick 6.00 m for Ditchcleaning Attachment and WLC-Undercarriage		mm
V		5,550
W		3,050
X		12,050

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