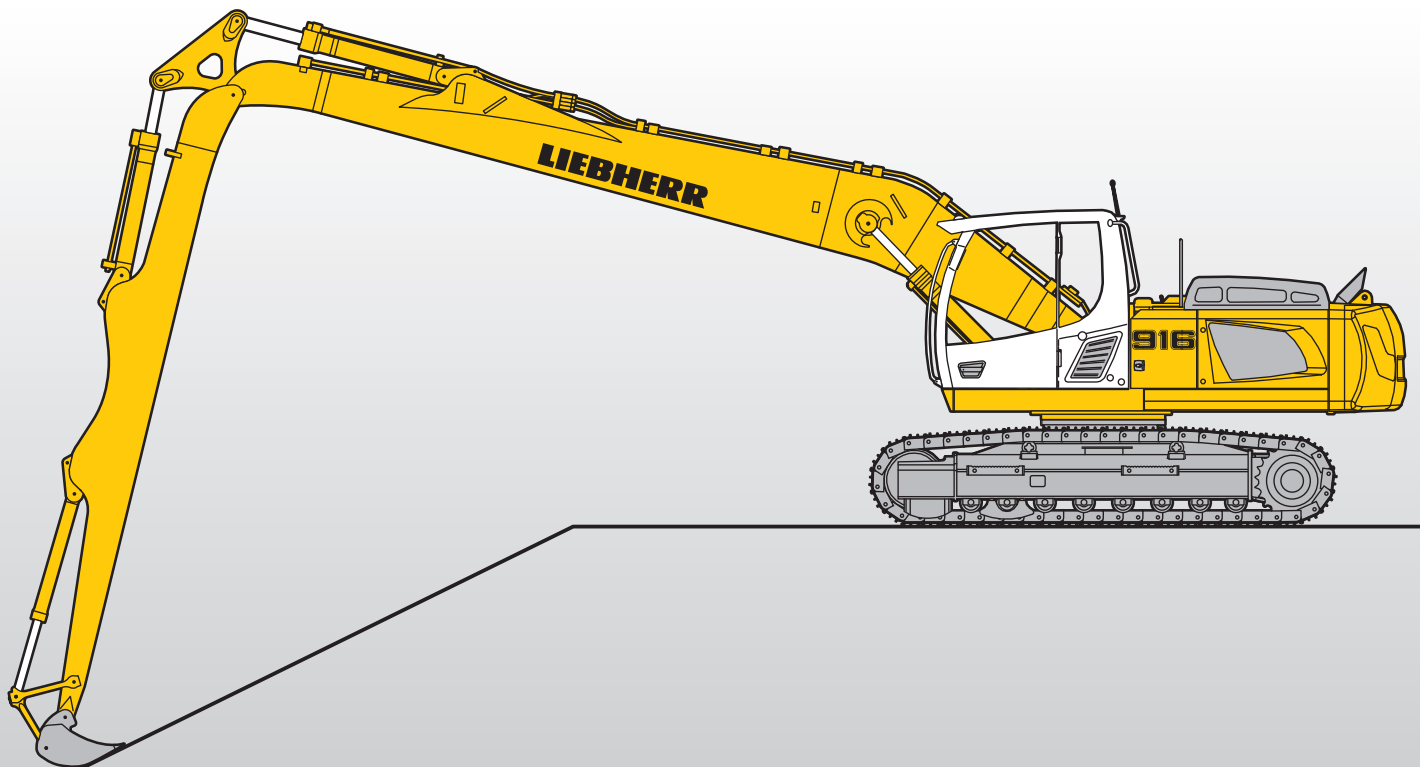


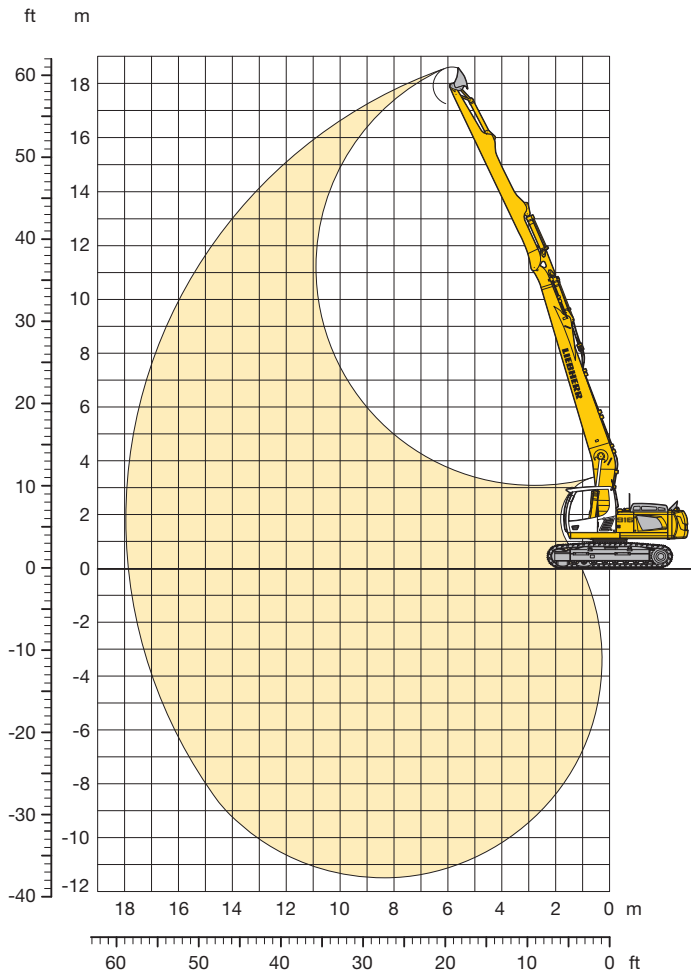
Attachment Information

Liebherr Crawler Excavator
with Ditchcleaning Attachment



Ditchcleaning Attachment

with Gooseneck Boom 9.70 m for Ditchcleaning Attachment and WLC-Undercarriage



Digging Envelope for Ditchcleaning Bucket

Stick length	m	7.40
Max. digging depth	m	11.50
Max. reach at ground level	m	17.85
Max. dump height	m	17.25
Max. teeth height	m	18.60
Digging force ISO	kN	40.1
	t	4.2
Breakout force ISO	kN	96.2
	t	9.8

Operating Weight and Ground Pressure

Operating weight includes basic machine with counterweight 5.0 t, gooseneck boom 9.70 m for ditchcleaning attachment, stick 7.40 m for ditchcleaning attachment and ditchcleaning bucket 0.45 m³ (200 kg).

Undercarriage		WLC	
Pad width	mm	600	750
Weight	kg	26,000	26,750
Ground pressure	kg/cm ²	0.52	0.43

Ditchcleaning Bucket for Ditchcleaning Attachment
























Cutting width SAE	mm	2,000	2,000 ¹⁾
Capacity ISO 7451	m ³	0.45	0.45
Weight	kg	200	370




¹⁾ Ditchcleaning bucket 2 x 45° tiltable

Lift Capacities

with Gooseneck Boom 9.70 m for Ditchcleaning Attachment and WLC-Undercarriage

Stick 7.40 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		15.0 m		16.5 m						
																								m		
16.5	WLC																						2.6*	2.6*	8.87	
15.0	WLC											1.9*	1.9*											2.0*	2.0*	11.01
13.5	WLC											1.7*	1.7*	1.6*	1.6*									1.7	1.7*	12.62
12.0	WLC											1.6*	1.6*	1.6*	1.6*	1.5*	1.5*							1.3	1.5*	13.87
10.5	WLC											1.6*	1.6*	1.6*	1.6*	1.5*	1.5*							1.1	1.4*	14.87
9.0	WLC											1.7*	1.7*	1.7*	1.7*	1.6*	1.6*	1.1	1.4*					0.9	1.3*	15.66
7.5	WLC											1.9*	1.9*	1.8*	1.8*	1.6	1.7*	1.1	1.5*					0.8	1.2*	16.27
6.0	WLC										2.3*	2.3*	2.2*	2.2*	2.0	2.0*	1.5	1.8*	1.1	1.6*	0.8	1.2*		0.7	1.2*	16.73
4.5	WLC					4.1*	4.1*	3.5*	3.5*	3.0*	3.0*	2.5	2.7*	1.9	2.4*	1.4	2.1*	1.1	1.8*	0.8	1.4*	0.6	1.1*	0.6	1.1*	17.04
3.0	WLC	9.3*	9.3*	7.4*	7.4*	5.3*	5.3*	4.1	4.2*	3.0	3.4*	2.3	2.9*	1.7	2.5*	1.3	2.2*	1.0	1.8	0.7	1.4	0.6	1.1*	0.6	1.1*	17.21
1.5	WLC	3.1*	3.1*	7.5	8.2*	5.0	5.9*	3.6	4.5*	2.7	3.6*	2.1	3.0*	1.6	2.6*	1.2	2.2	0.9	1.7	0.7	1.4	0.6	1.2*	0.6	1.2*	17.24
0	WLC	2.8*	2.8*	5.1*	5.1*	4.4	6.2*	3.2	4.7*	2.4	3.8*	1.9	3.1*	1.5	2.6	1.1	2.1	0.9	1.7	0.7	1.4	0.6	1.2*	0.6	1.2*	17.15
- 1.5	WLC	3.0*	3.0*	4.4*	4.4*	4.0	6.2*	2.9	4.8*	2.2	3.8	1.7	3.0	1.4	2.4	1.1	2.0	0.8	1.6	0.6	1.4	0.6	1.2*	0.6	1.2*	16.92
- 3.0	WLC	3.2*	3.2*	4.4*	4.4*	3.8	6.0*	2.8	4.7*	2.1	3.7	1.6	2.9	1.3	2.4	1.0	1.9	0.8	1.6	0.7	1.2*	0.7	1.1*	0.7	1.1*	16.55
- 4.5	WLC	3.5*	3.5*	4.6*	4.6*	3.7	5.7*	2.7	4.5*	2.0	3.6	1.6	2.8	1.2	2.3	1.0	1.9	0.8	1.6*			0.7	1.0*	0.7	1.0*	16.03
- 6.0	WLC	4.0*	4.0*	5.1*	5.1*	3.8	5.1*	2.7	4.1*	2.0	3.3*	1.5	2.7*	1.2	2.2*	1.0	1.7*	0.8	1.1*			0.8*	0.8*	0.8*	0.8*	15.35
- 7.5	WLC	4.5*	4.5*	5.2*	5.2*	3.9	4.3*	2.7	3.5*	2.0	2.9*	1.6	2.3*	1.2	1.8*	1.0	1.3*					0.6*	0.6*	0.6*	0.6*	14.48
- 9.0	WLC			3.8*	3.8*	3.3*	3.3*	2.7*	2.7*	2.1	2.2*	1.6	1.7*	1.2*	1.2*							0.5*	0.5*	0.5*	0.5*	13.20
- 10.5	WLC							1.7*	1.7*	1.3*	1.3*											0.8*	0.8*	0.8*	0.8*	10.36

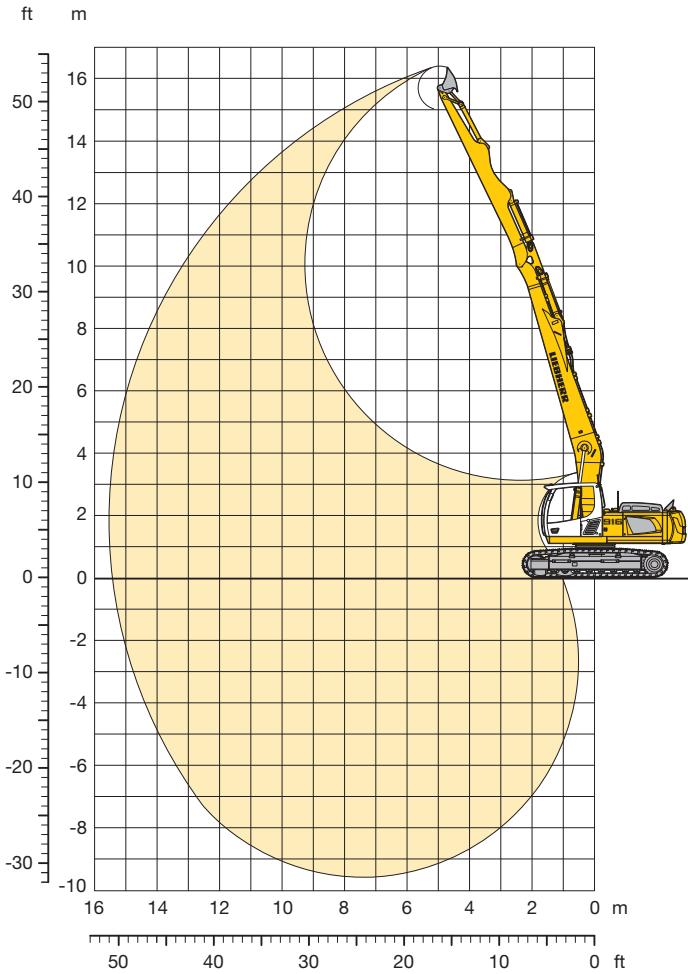
 Height
  Can be slewed though 360°
  In longitudinal position of undercarriage
  Max. reach
 * Limited by hydr. capacity

The lift capacities are stated in metric tonnes (t) on the articulation stick/bucket (bucket's weight included) 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. Without bucket (0,45 m³), the lift capacities will increase by 200 kg, without bucket cylinder, link and lever they increase by an additional 130 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

with Gooseneck Boom 8.50 m for Ditchcleaning Attachment



Digging Envelope for Ditchcleaning Bucket

Stick length	m	6.20
Max. digging depth	m	9.60
Max. reach at ground level	m	15.45
Max. dump height	m	15.00
Max. teeth height	m	16.40
Digging force ISO	kN	48.0
	t	4.9
Breakout force ISO	kN	96.2
	t	9.8

Operating Weight and Ground Pressure

Operating weight includes basic machine with counterweight 5.0 t, gooseneck boom 8.50 m for ditchcleaning attachment, stick 6.20 m for ditchcleaning attachment and ditchcleaning bucket 0.45 m³ (200 kg).

Undercarriage		SLC		LC		WLC	
Pad width	mm	600	750	600	750	600	750
Weight	kg	24,900	25,350	24,950	25,400	25,500	26,250
Ground pressure	kg/cm ²	0.53	0.43	0.53	0.43	0.51	0.42

Ditchcleaning Bucket for Ditchcleaning Attachment

Cutting width SAE	mm	2,000	2,000 ¹⁾
Capacity ISO 7451	m ³	0.45	0.45
Weight	kg	200	370

¹⁾ Ditchcleaning bucket 2 x 45° tilttable

Lift Capacities

with Gooseneck Boom 8.50 m for Ditchcleaning Attachment

Stick 6.20 m for Ditchcleaning Attachment

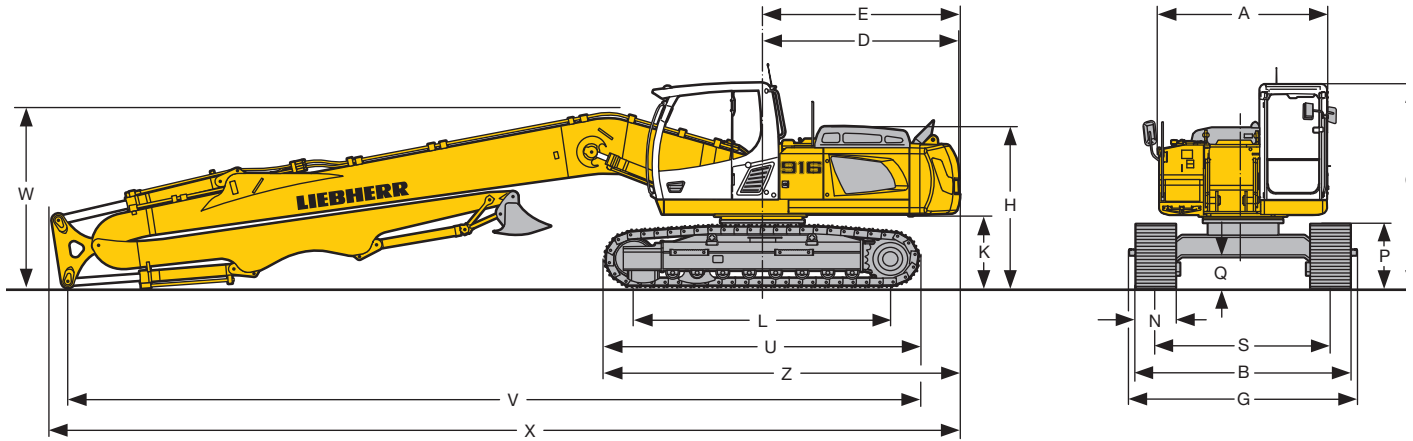
m	Under-carriage	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		12.0 m		13.5 m		15.0 m		16.5 m		m			
15.0	SLC																					3.9*	3.9*	6.60	
	LC																					3.9*	3.9*		
	WLC																					3.9*	3.9*		
13.5	SLC									2.7*	2.7*												2.8*	2.8*	9.05
	LC									2.7*	2.7*												2.8*	2.8*	
	WLC									2.7*	2.7*												2.8*	2.8*	
12.0	SLC									2.3*	2.3*	2.2	2.3*										2.1	2.4*	10.74
	LC									2.3*	2.3*	2.3*	2.3*										2.2	2.4*	
	WLC									2.3*	2.3*	2.3*	2.3*										2.4*	2.4*	
10.5	SLC									2.2*	2.2*	2.2*	2.2*	1.6	2.0*								1.6	2.1*	12.00
	LC									2.2*	2.2*	2.2*	2.2*	1.7	2.0*								1.7	2.1*	
	WLC									2.2*	2.2*	2.2*	2.2*	2.0	2.0*								2.0	2.1*	
9.0	SLC									2.3*	2.3*	2.2*	2.2*	1.7	2.1*								1.3	1.9*	12.97
	LC									2.3*	2.3*	2.2*	2.2*	1.9	2.1*								1.5	1.9*	
	WLC									2.3*	2.3*	2.2*	2.2*	2.1*	2.1*								1.7	1.9*	
7.5	SLC									2.4*	2.4*	2.3*	2.3*	1.7	2.2*	1.2	1.8*						1.2	1.8*	13.71
	LC									2.4*	2.4*	2.3*	2.3*	1.9	2.2*	1.3	1.8*						1.3	1.8*	
	WLC									2.4*	2.4*	2.3*	2.3*	2.1	2.2*	1.6	1.8*						1.5	1.8*	
6.0	SLC							2.9*	2.9*	2.8*	2.8*	2.3	2.6*	1.7	2.4*	1.3	2.0*						1.0	1.7*	14.24
	LC							2.9*	2.9*	2.8*	2.8*	2.4	2.6*	1.8	2.4*	1.4	2.0*						1.1	1.7*	
	WLC							2.9*	2.9*	2.8*	2.8*	2.6*	2.6*	2.1	2.4*	1.6	2.0*						1.3	1.7*	
4.5	SLC					4.6*	4.6*	3.9	4.0*	2.9	3.4*	2.2	3.0*	1.6	2.6*	1.2	2.2*						0.9	1.7*	14.61
	LC					4.6*	4.6*	4.0*	4.0*	3.1	3.4*	2.3	3.0*	1.8	2.6*	1.3	2.2*						1.0	1.7*	
	WLC					4.6*	4.6*	4.0*	4.0*	3.4	3.4*	2.6	3.0*	2.0	2.6*	1.5	2.2*						1.2	1.7*	
3.0	SLC	12.6*	12.6*	7.8	8.1*	5.1	6.0*	3.6	4.7*	2.7	4.0*	2.0	3.4*	1.5	2.7	1.2	2.2						0.9	1.7*	14.80
	LC	12.6*	12.6*	8.1*	8.1*	5.4	6.0*	3.8	4.7*	2.8	4.0*	2.2	3.4*	1.7	2.7	1.3	2.2						1.0	1.7*	
	WLC	12.6*	12.6*	8.1*	8.1*	6.0*	6.0*	4.3	4.7*	3.2	4.0*	2.5	3.4*	1.9	3.0*	1.5	2.4*						1.2	1.7*	
1.5	SLC	4.2*	4.2*	6.6	9.3*	4.5	6.6*	3.3	5.1*	2.4	4.2	1.9	3.3	1.5	2.6	1.1	2.1						0.9	1.7*	14.85
	LC	4.2*	4.2*	7.1	9.3*	4.8	6.6*	3.5	5.1*	2.6	4.2*	2.0	3.3	1.6	2.6	1.2	2.1						1.0	1.7*	
	WLC	4.2*	4.2*	8.2	9.3*	5.5	6.6*	3.9	5.1*	3.0	4.2*	2.3	3.6*	1.8	2.9	1.4	2.4						1.2	1.7*	
0	SLC	3.8*	3.8*	5.9	7.0*	4.0	7.0*	3.0	5.2	2.3	4.0	1.7	3.1	1.4	2.5	1.1	2.1						0.9	1.7*	14.74
	LC	3.8*	3.8*	6.4	7.0*	4.3	7.0*	3.2	5.2	2.4	4.0	1.9	3.1	1.5	2.5	1.2	2.1						1.0	1.7*	
	WLC	3.8*	3.8*	7.0*	7.0*	5.0	7.0*	3.6	5.4*	2.8	4.3*	2.2	3.5	1.7	2.8	1.4	2.3						1.2	1.7*	
-1.5	SLC	4.0*	4.0*	5.6	6.1*	3.7	6.9	2.7	5.0	2.1	3.8	1.6	3.0	1.3	2.5	1.0	2.0						0.9	1.8*	14.47
	LC	4.0*	4.0*	6.1	6.1*	4.0	6.9	3.0	5.0	2.3	3.8	1.8	3.0	1.4	2.5	1.1	2.0						1.0	1.8*	
	WLC	4.0*	4.0*	6.1*	6.1*	4.7	7.0*	3.4	5.4*	2.6	4.2	2.1	3.4	1.7	2.7	1.4	2.3						1.2	1.8*	
-3.0	SLC	4.4*	4.4*	5.5	6.2*	3.6	6.7*	2.6	4.9	2.0	3.7	1.6	3.0	1.3	2.4	1.0	2.0						1.0	1.8*	14.04
	LC	4.4*	4.4*	6.0	6.2*	3.9	6.7*	2.8	4.9	2.2	3.7	1.7	3.0	1.4	2.4	1.1	2.0						1.1	1.8*	
	WLC	4.4*	4.4*	6.2*	6.2*	4.5	6.7*	3.3	5.3*	2.5	4.1	2.0	3.3	1.6	2.7	1.3	2.2*						1.3	1.8*	
-4.5	SLC	5.0*	5.0*	5.5	6.7*	3.6	6.1*	2.6	4.8	2.0	3.7	1.5	2.9	1.3	2.4								1.1	1.5*	13.42
	LC	5.0*	5.0*	6.0	6.7*	3.9	6.1*	2.8	4.8	2.1	3.7	1.7	2.9	1.4	2.4								1.2	1.5*	
	WLC	5.0*	5.0*	6.7*	6.7*	4.5	6.1*	3.3	4.9*	2.5	4.0*	2.0	3.2*	1.6	2.6*								1.4	1.5*	
-6.0	SLC	5.7*	5.7*	5.6	6.5*	3.6	5.3*	2.6	4.3*	2.0	3.5*	1.6	2.7*	1.3	1.9*								1.2*	1.2*	12.59
	LC	5.7*	5.7*	6.1	6.5*	3.9	5.3*	2.8	4.3*	2.2	3.5*	1.7	2.7*	1.4	1.9*								1.2*	1.2*	
	WLC	5.7*	5.7*	6.5*	6.5*	4.6	5.3*	3.3	4.3*	2.5	3.5*	2.0	2.7*	1.7	1.9*								1.2*	1.2*	
-7.5	SLC			4.9*	4.9*	3.7	4.1*	2.7	3.3*	2.0	2.6*	1.7	1.8*										1.1*	1.1*	11.32
	LC			4.9*	4.9*	4.1	4.1*	2.9	3.3*	2.2	2.6*	1.8	1.8*										1.1*	1.1*	
	WLC			4.9*	4.9*	4.1*	4.1*	3.3*	3.3*	2.6	2.6*	1.8*	1.8*										1.1*	1.1*	

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 articulation stick/bucket (bucket's weight included) 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. Without bucket (0,45 m³), the lift capacities will increase by 200 kg, without bucket cylinder, link and lever they increase by an additional 130 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



	SLC	mm	LC	mm	WLC	mm
A		2,500		2,500		2,500
C		3,057		3,057		3,057
D		2,920		2,920		2,920
E		2,940		2,940		2,940
H		2,402		2,402		2,402
K		1,105		1,105		1,105
L		3,648		3,648		3,838
P		955		955		955
Q		460		460		460
S		2,250		2,380		2,590
U		4,510		4,510		4,700
N	600	750	600	750	600	750
B	2,850	3,000	2,980	3,130	3,190	3,340
G	2,850	3,110	2,980	3,274	3,190	3,484
Z		5,030		5,180		5,275

Gooseneck Boom 9.70 m for Ditchcleaning Attachment, Stick 7.40 m for Ditchcleaning Attachment and WLC-Undercarriage

	mm
V	12,640
W	2,660
X	13,500

Gooseneck Boom 8.50 m for Ditchcleaning Attachment, Stick 6.20 m for Ditchcleaning Attachment

	mm
V	11,300
W	2,600
X	12,300

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