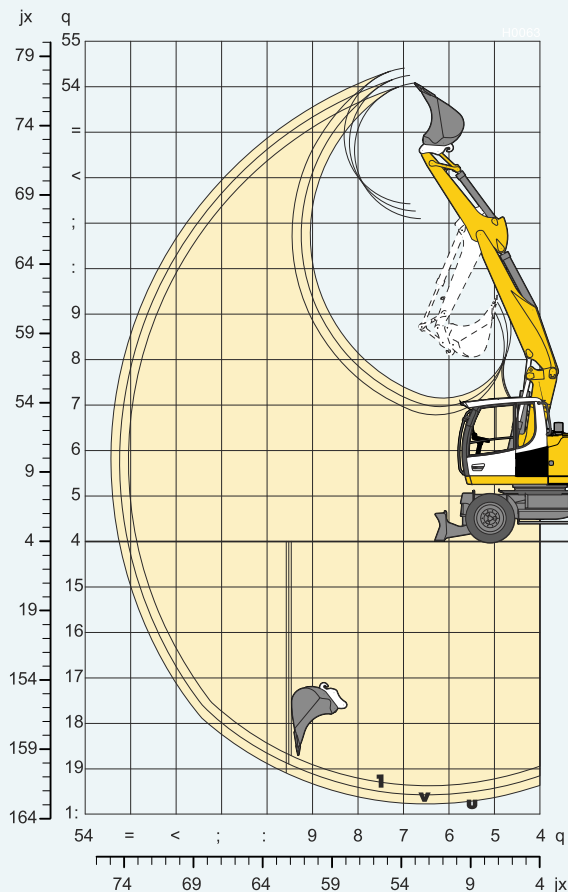


ŠVESTKA

DEMOLICE • ZEMNÍ PRÁCE • NADROZMĚRNÁ PŘEPRAVA • MOBILNÍ JEŘÁBY • DOPRAVA • RECYKLACE

LIEBHERR A 916

Backhoe Bucket
with Two-piece Boom 3.40 m



Digging Envelope with Quick Coupler

		1	2	3
Stick length	m	2.25	2.45	2.65
Max. digging depth	m	5.40	5.60	5.80
Max. reach at ground level	m	8.85	9.05	9.25
Max. dumping height	m	7.10	7.25	7.45
Max. teeth height	m	10.10	10.25	10.40
Min. attachment radius	m	2.65	2.65	2.70

Digging Forces without Quick Coupler

		1	2	3
Max. digging force (ISO 6015)	kN	69.7	65.4	61.5
	t	7.1	6.7	6.3
Max. breakout force (ISO 6015)	kN	105.0	105.0	105.0
	t	10.7	10.7	10.7

Max. breakout force with ripper bucket 114 kN (11.6 t)
Max. possible digging force (stick 1.70 m) 85.8 kN (8.8 t)

Operating Weight

The operating weight includes the basic machine with 8 tires plus intermediate rings, two-piece boom 3.40 m, stick 2.25 m, quick coupler 33 and bucket 850 mm/0.60 m³.

Undercarriage versions	Weight
A 916 Litronic [®] with stabilizer blade	17,000 kg
A 916 Litronic [®] with 2 pt. outriggers	17,300 kg
A 916 Litronic [®] with stabilizer blade + 2 pt. outriggers	18,100 kg
A 916 EW Litronic [®] with stabilizer blade	17,100 kg
A 916 EW Litronic [®] with stabilizer blade + 2 pt. outriggers	18,200 kg

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

Cutting width mm	Capacity ISO 7451 ¹⁾ m³	Weight kg	Stabilizers raised			Stabilizer blade down			2 point outriggers down			Stabilizer blade + 2 pt. outr. down			EW Stabilizers raised			EW Stabilizer blade down			EW Stabilizer blade + 2 pt. outr. down		
			Stick length (m)			Stick length (m)			Stick length (m)			Stick length (m)			Stick length (m)			Stick length (m)			Stick length (m)		
			2.25	2.45	2.65	2.25	2.45	2.65	2.25	2.45	2.65	2.25	2.45	2.65	2.25	2.45	2.65	2.25	2.45	2.65	2.25	2.45	2.65
300 ²⁾	0.17	220	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
400 ²⁾	0.24	250	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
500 ²⁾	0.30	290	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
650 ²⁾	0.45	350	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
850 ²⁾	0.60	400	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
1,050 ²⁾	0.80	480	△	■	■	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
1,250 ²⁾	0.95	520	■	■	▲	△	■	■	□	△	■	□	△	■	△	■	■	□	△	■	□	△	■
300 ³⁾	0.18	210	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
400 ³⁾	0.26	240	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
500 ³⁾	0.32	270	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
650 ³⁾	0.45	330	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
850 ³⁾	0.65	380	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
1,050 ³⁾	0.85	460	△	■	■	△	△	△	□	△	□	△	□	△	△	△	△	□	△	□	△	□	△
1,250 ³⁾	1.05	500	■	▲	▲	■	■	■	△	△	■	△	△	■	■	■	■	△	△	■	△	△	■

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

¹⁾ comparable with SAE (heaped)

²⁾ Bucket with teeth (also available in HD version) ³⁾ Bucket with cutting edge (also available in HD version)

Buckets up to 400 mm cutting width with limited digging depth

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