



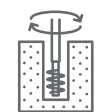
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LIEBHERR

LB 16 – 180

DRILLING RIGS

Technical data

LB 16 – 180**DRILLING RIGS****LIEBHERR**

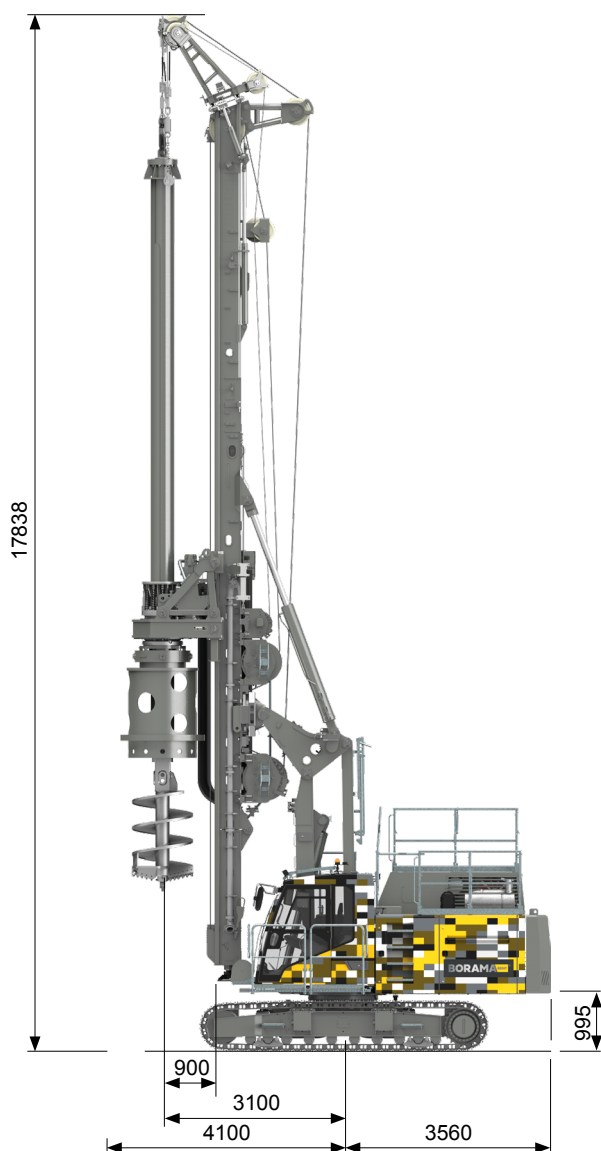
Kelly Drilling

CFA
Continuous
Flight Auger DrillingFDP
Full Displacement PilingFoW
Front of Wall

Bio-oil



Low Headroom

Complete
data sheet**LB 16 – 180****Technical data**

Rotary drive	BAT 180
Torque for casing operation	180 kNm
Max. speed of rotation	52 rpm
Drill axis	900 mm

Crowd winch

Max. sledge stroke	12,000 mm
Crowd force push and pull	200 kN / 200 kN
Speed (down/up)	0–90 m/min

Main winch

Line pull	160 kN
Line speed	0–75 m/min

Auxiliary winch

Line pull	50 kN
Line speed	0–85 m/min

Base carrier

Engine	D 944 A7-04
Rated output	330 kW / 1,760 rpm
Exhaust emission	Stage IV / Tier 4 final
Hydraulic pressure	350 bar
Flow rates	2x 272 + 1x 130 l/min

Under carriage

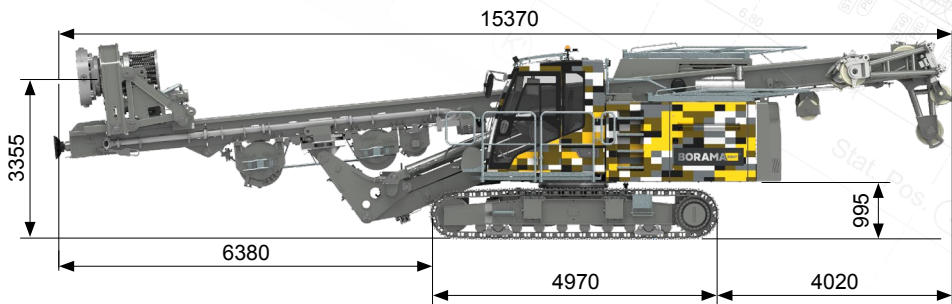
Transport width	2,500 mm
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LB 16 – 180

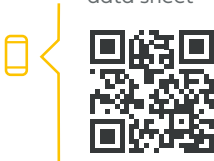
DRILLING RIGS

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Transport position

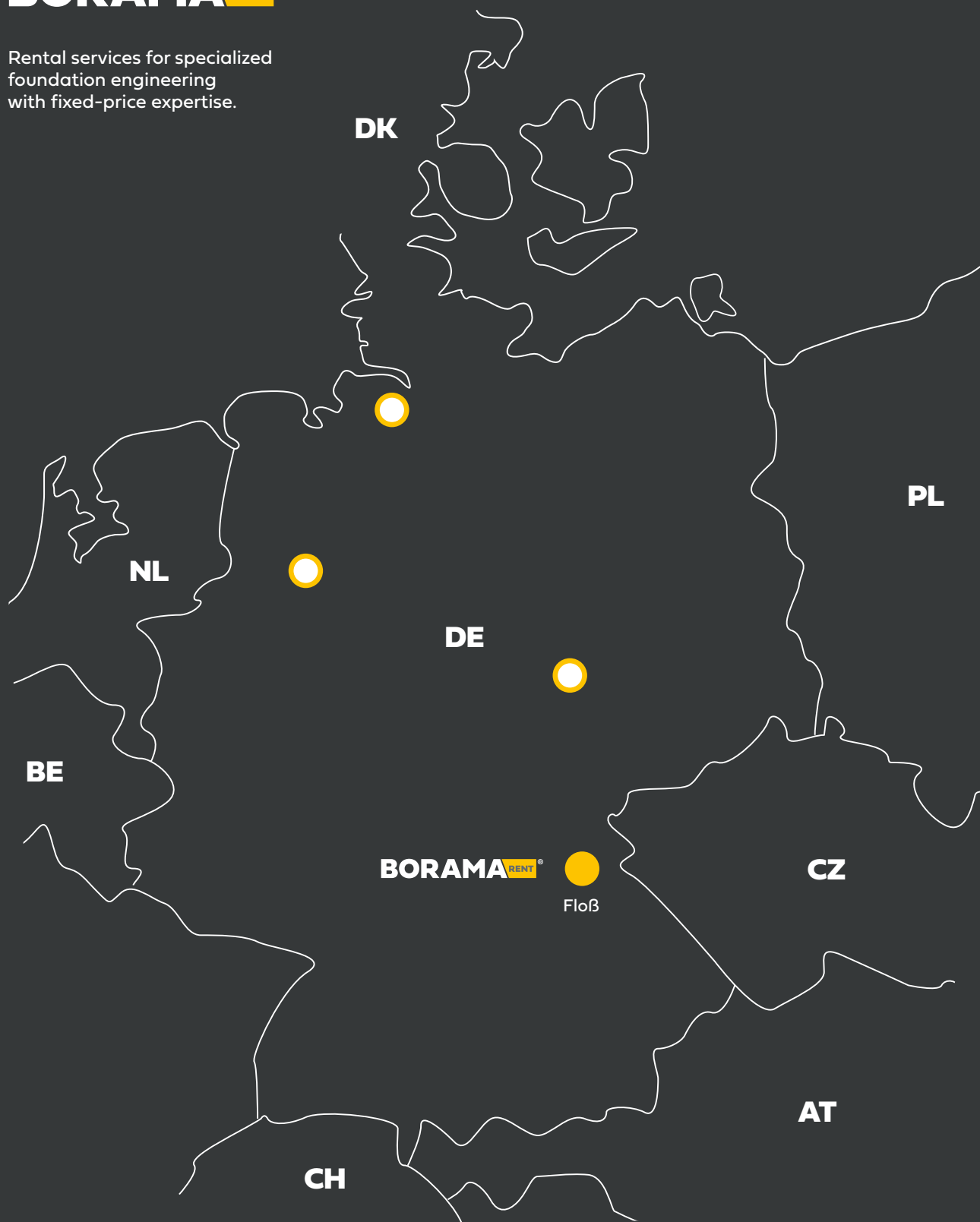


Complete data sheet



LB 16 – 180	
Transport weights	
Machine incl. Kelly bar, BAT, counterweight	52.6 t
Counterweight	6.0 t
BAT 180	5.1 t
Kelly bar MD 368/3/21	3.7 t
Drilling process limits	
Kelly	DN 1200 / 21.0 meters
CFA (with Kelly extension 6.0 m)	DN 750 / 12.0 (18.0) meters
FDP (with Kelly extension 6.0 m)	DN 510 / 12.0 (18.0) meters
FoW	DN 508 / 11.5 meters

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