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LIEBHERR

LB 30 – Low Headroom System

DRILLING RIGS

Technical data

LB 30 – Low Headroom System**DRILLING RIGS****LIEBHERR**

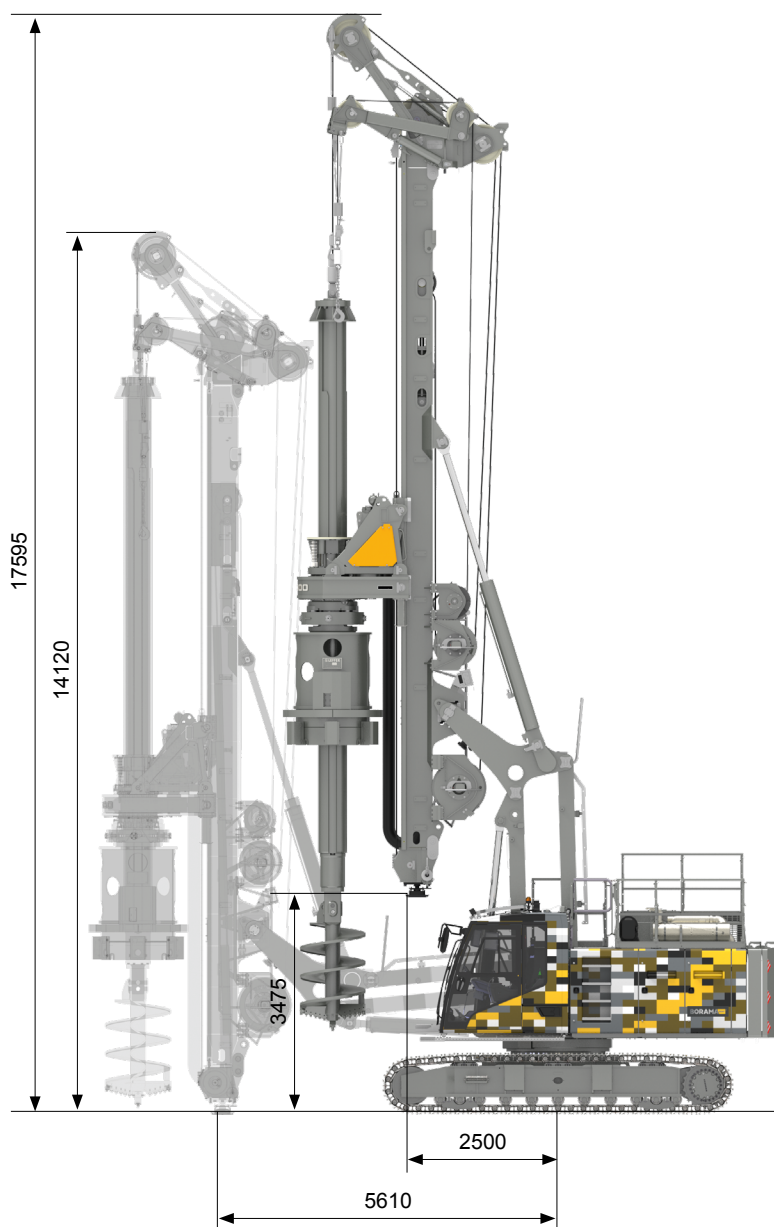
Kelly Drilling

CFA
Continuous
Flight Auger DrillingFDP
Full Displacement PilingFoW
Front of Wall

Bio-oil



Low Headroom

Complete
data sheet**LB 30 – Low Headroom System****Technical data**

Rotary drive	BAT 300
Torque for casing operation	297 kNm
Max. speed of rotation	43 rpm
Drill axis	1,100 mm

Crowd winch

Max. sledge stroke	10,000 mm
Crowd force push and pull	320 kN / 320 kN
Speed (down/up)	0–88 m/min

Main winch

Line pull	230 kN
Line speed	0–95 m/min

Auxiliary winch

Line pull	80 kN
Line speed	0–82.5 m/min

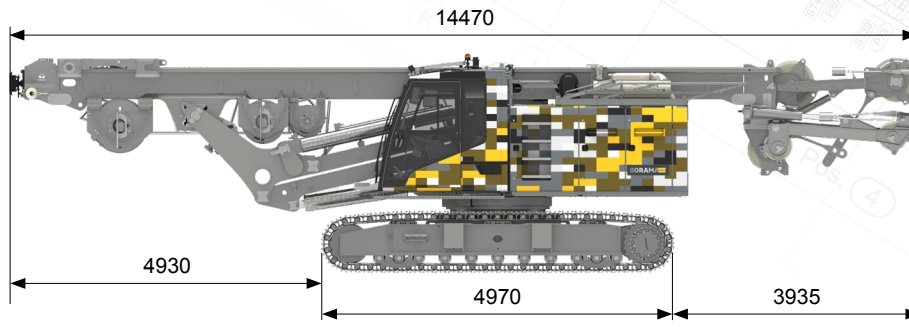
Base carrier

Engine	D 936 A7-05
Rated output	320 kW
Exhaust emission	Stage V / Tier 4 final
Hydraulic pressure	385 bar
Flow rates	2x 270 + 1x 130 l/min

Under carriage

Transport width	3,000 mm
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LB 30 – Low Headroom System**DRILLING RIGS****LIEBHERR****Transport position**

Complete data sheet

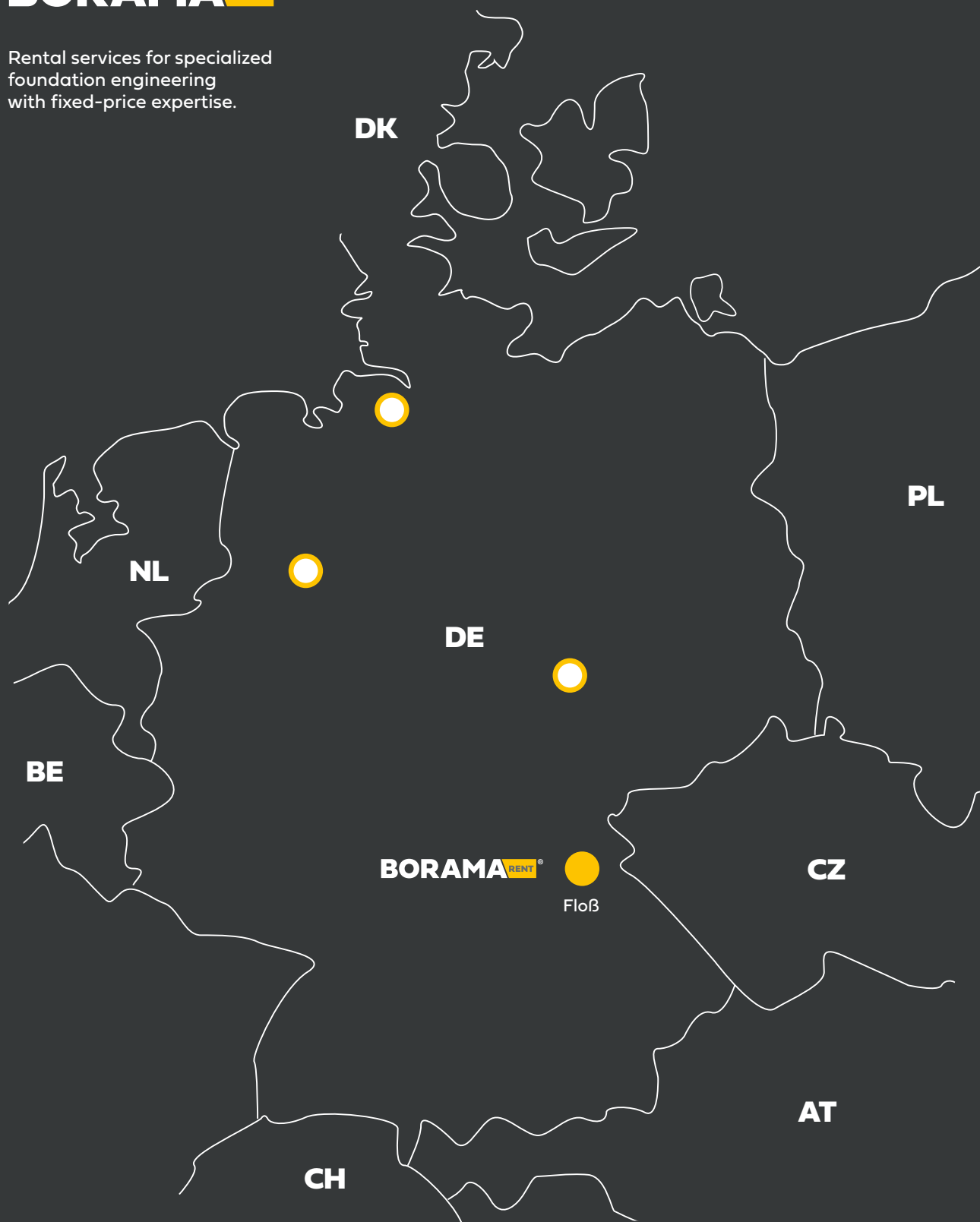
**LB 30 – Low Headroom System****Transport weights**

Machine without counterweight	50.7 t
Counterweight	8.0 t
BAT 300	6.5 t
Kelly bar BK 280/419/5/19 – K 280/419/5/28 – BK 280/419/5/33	4.2 – 5.2 – 5.8 to

Drilling process limits

Kelly	DN 1500
CFA	DN 1000 / 11.3 meters
FDP	DN 600 / 11.3 meters
FoW	DN 750 / 16.7 meters

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