



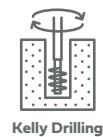
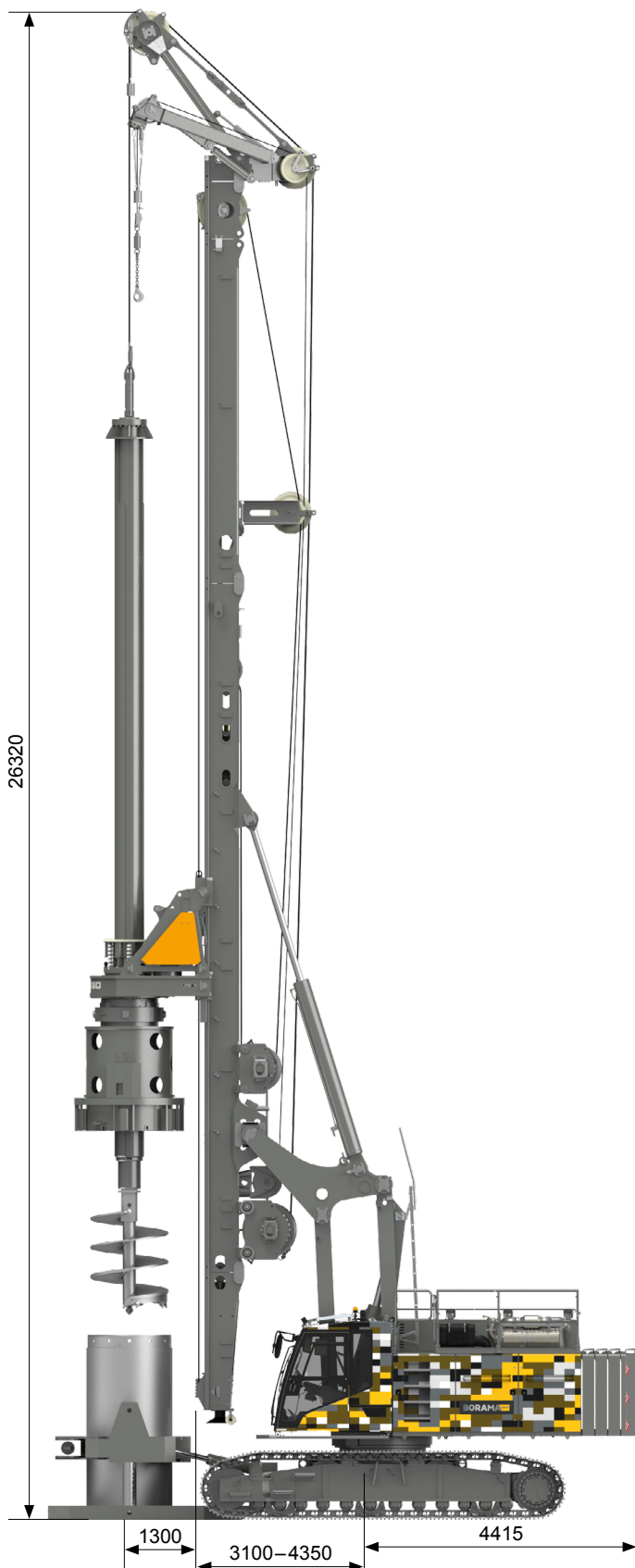
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LIEBHERR

LB 45.1

DRILLING RIGS

Technical data

LB 45.1**DRILLING RIGS****LIEBHERR**Complete
data sheet**LB 45.1****Technical data**

Rotary drive	BAT 450
Torque for casing operation	452 kNm
Max. speed of rotation	37 rpm
Drill axis	1,300 mm

Crowd winch

Max. sledge stroke	19,800 mm
Crowd force push and pull	400 kN / 400 kN
Speed (down/up)	0-70 m/min

Main winch

Line pull	420 kN
Line speed	0-64 m/min

Auxiliary winch

Line pull	100 kN
Line speed	0-89 m/min

Base carrier

Engine	D 946 A7-05
Rated output	390 kW
Exhaust emission	Stage V / Tier 4 final
Hydraulic pressure	385 bar
Flow rates	2x 350 + 1x 180 l/min

Under carriage

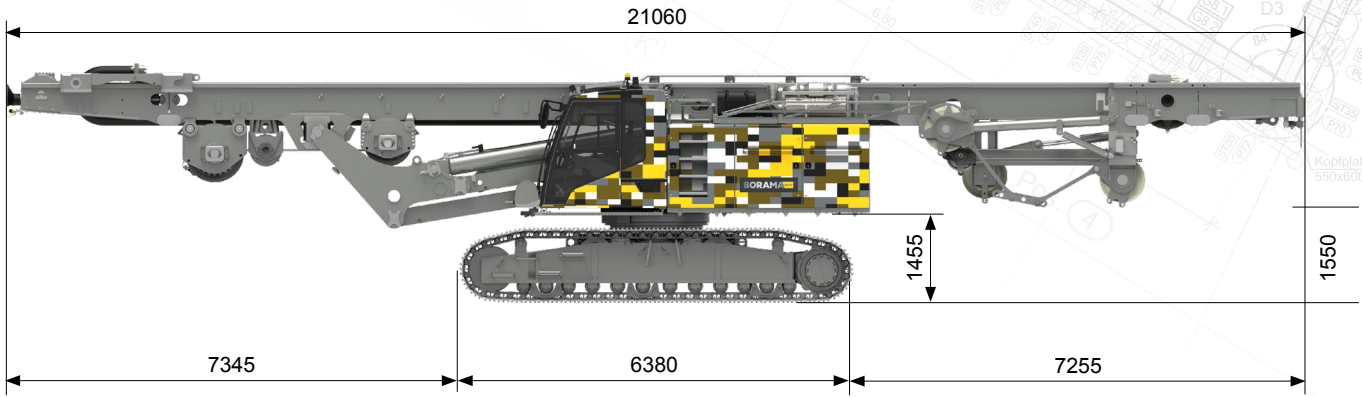
Transport width	3,600 mm
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DRILLING RIGS

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Transport position



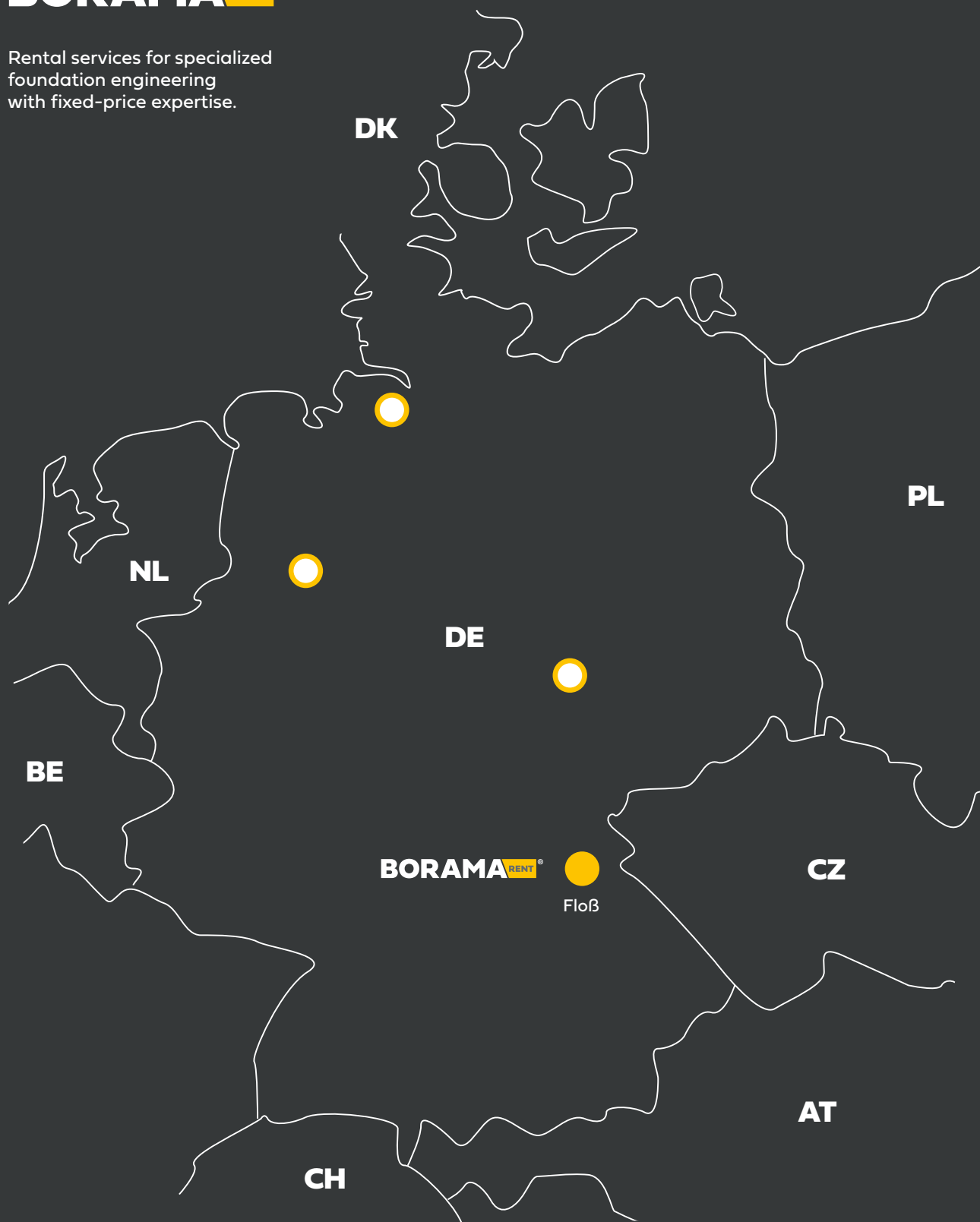
Complete data sheet



LB 45.1

Transport weights	
Machine without counterweight	77.6 t
Counterweights (3x 5 t + 1x 8 t)	23.0 t
BAT 450	9.1 t
Kelly bar MD 36/3/36	9.2 t
Drilling process limits	
Kelly	DN 2000
CFA (with Kelly extension 8.0 m)	DN 1200 / 18.6 (26.6) meters
FDP (with Kelly extension 8.0 m)	DN 800 / 19.3 (27.3) meters
FoW	DN 900 / 18.8 meters

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