



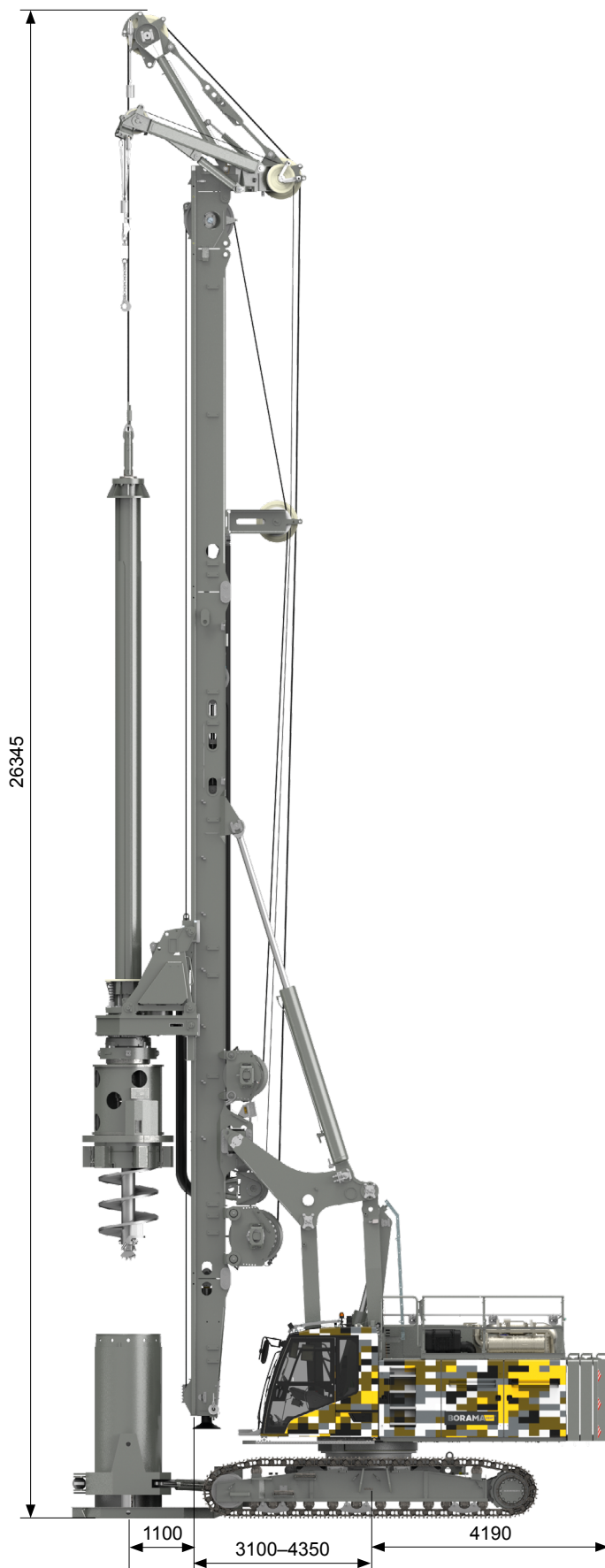
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LIEBHERR

LB 35.1

DRILLING RIGS

Technical data

LB 35.1**DRILLING RIGS****LIEBHERR**

Kelly Drilling

CFA
Continuous
Flight Auger DrillingFDP
Full Displacement PilingFoW
Front of Wall

Bio-oil



Low Headroom

Complete
data sheet**LB 35.1****Technical data**

Rotary drive	BAT 350
Torque for casing operation	347 kNm
Max. speed of rotation	46 rpm
Drill axis	1,100 mm

Crowd winch

Max. sledge stroke	19,900 mm
Crowd force push and pull	400 kN / 400 kN
Speed (down/up)	0-70 m/min

Main winch

Line pull	300 kN
Line speed	0-76 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

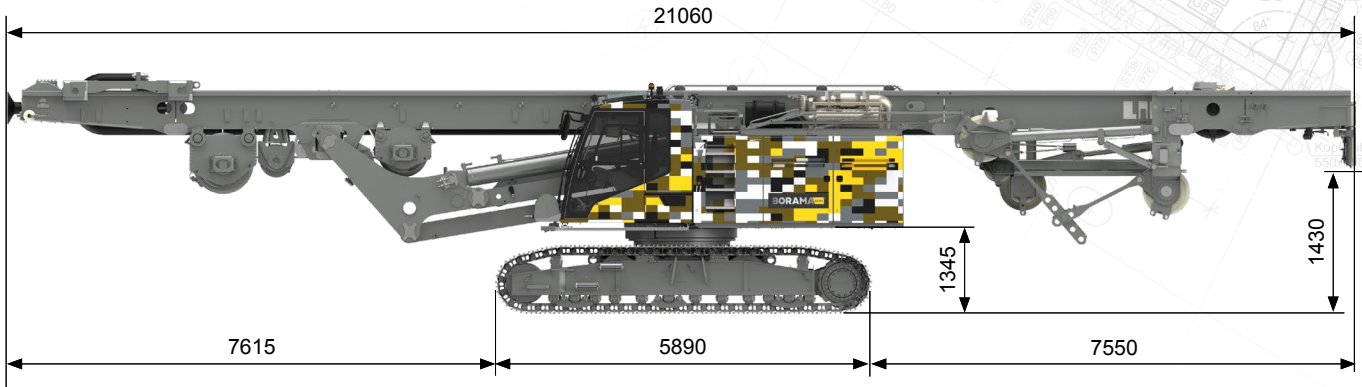
Transport width	3,500 mm
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LB 35.1

DRILLING RIGS

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Transport position



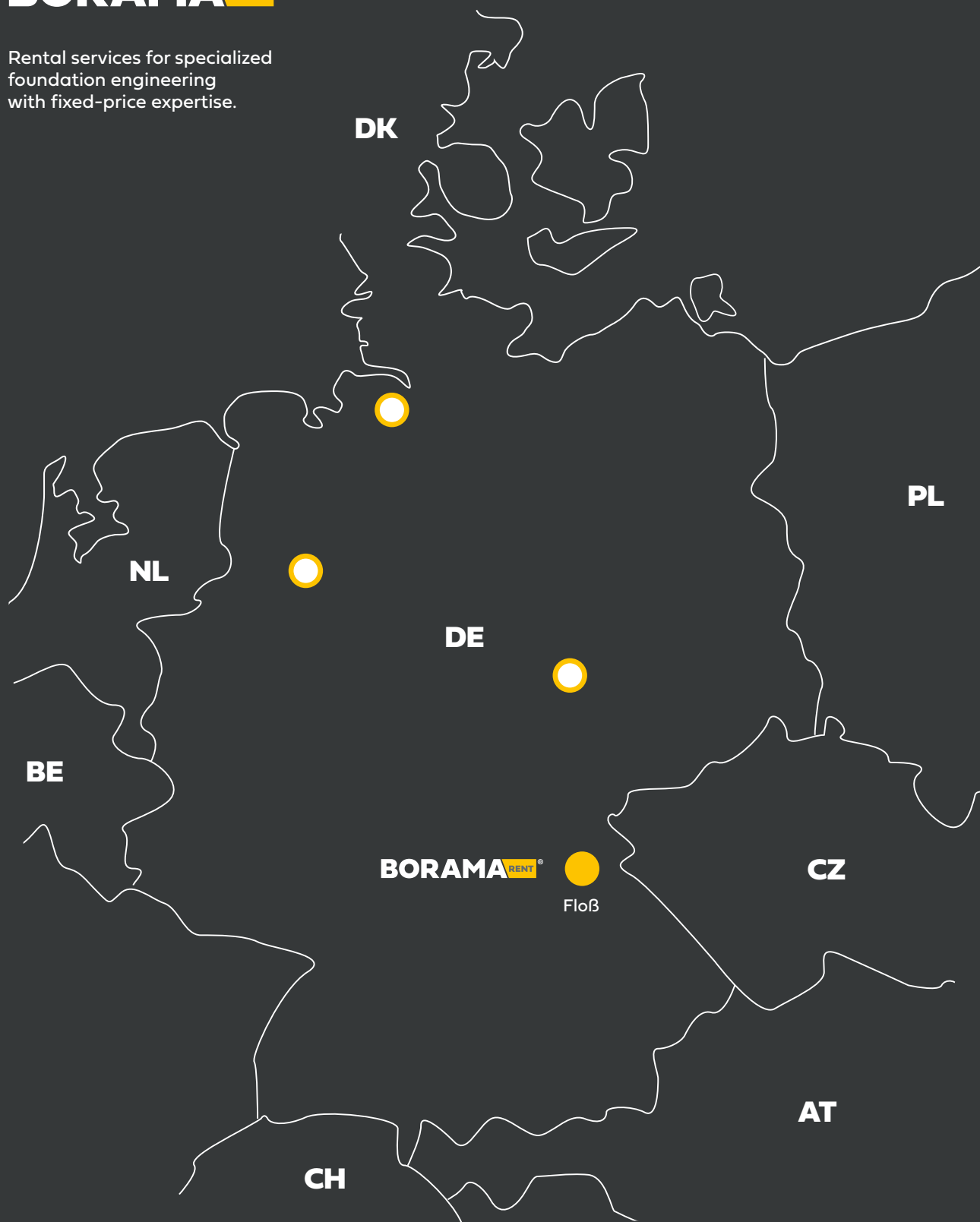
Complete data sheet



LB 35.1

Transport weights	
Machine without counterweight	70.3 t
Counterweights (1x 5t + 1x 8t)	13.0 t
BAT 350	7.0 t
Kelly bar MD 28/3/30	6.4 t
Drilling process limits	
Kelly	DN 1500
CFA (with Kelly extension 8.0 m)	DN 1000 / 18.8 (26.7) meters
FDP (with Kelly extension 8.0 m)	DN 600 / 19.5 (27.5) meters
FoW	DN 750 / 19.0 meters

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foundation engineering
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