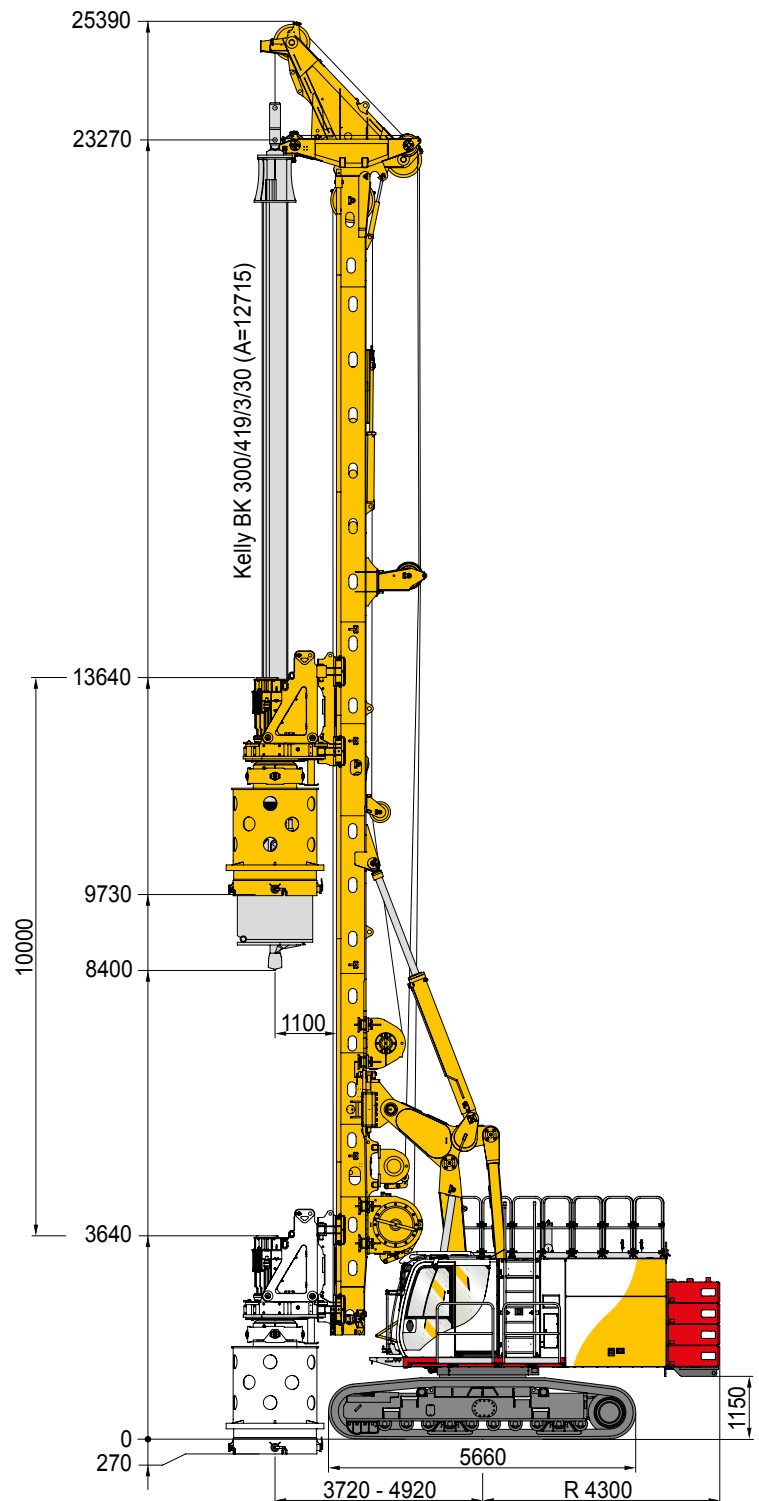


► BAUER Rotary drilling rigs

■ BG 33 H

Technical data BG 33 H - BT 85

Overall height	25.390 mm
Operating weight (approx.) (with Kelly BK28/419/3/30) & 14,7 t (counterweight)	102 t
Rotary drive	KDK 340 K
Torque casing (nominal)	300 kNm
Torque drilling (nominal)	280 kNm
Max. speed of rotation	50 rpm
Crowd winch	
Crowd force push / pull, effective / nominal	330 / 423 kN
Stroke (kelly system)	10.000 mm
Max. stroke of sledge	18.410 mm
Main winch	
Winch classification	M6 / L3 / T5
Line pull (1 st layer) effective / nominal	250 kN / 317 kN
Auxiliary winch	
Winch classification	M6 / L3 / T5
Line pull (1 st layer) effective / nominal	80 kN / 100kN
Mast inclination	
Backward / forward / lateral	10° / 5° / 5°

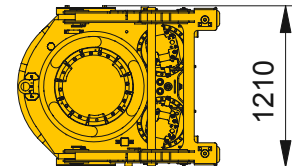
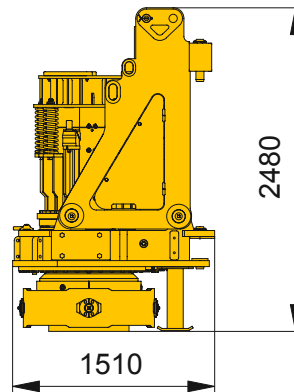


► BAUER Rotary drilling rigs

Rotary drive

KDK 340 K

Weight c/w sledge 6,7 t



Base carrier BT 85

CAT C13

Engine

Rated output ISO 3046-1	354 kW / 1.800 rpm
Engine conforms to EEC 97/68 EC	Stage IV Tier 4 final
Diesel tank / AdBlue Tank	600 / 34,5 l
Ambient air temperature (at full power)	up to 45 °C
Sound pressure level in cabin (EN 16228, Anh. B)	LPA 80 dB (A)
Sound power level (2000/14/EG u. EN 16228, Anh. B)	LWA 114 dB (A)

Hydraulic system

dual hydraulic circuit system for drilling

Hydraulic pressure	350 bar
Hydraulic oil tank capacity	650 l

Undercarriage

UW 100

Crawler type	B 7
Track width (retracted/extended)	2.500 / 3.700 mm
Overall width of crawlers (retracted/extended)	3.300 / 4.500 mm
Width of triple grouser track shoes	800 mm
Overall length of crawlers	5.660 mm

Drilling data

Drilling diameter for drill axis 1.100 mm uncased / cased	1.900 / 1.600 mm
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