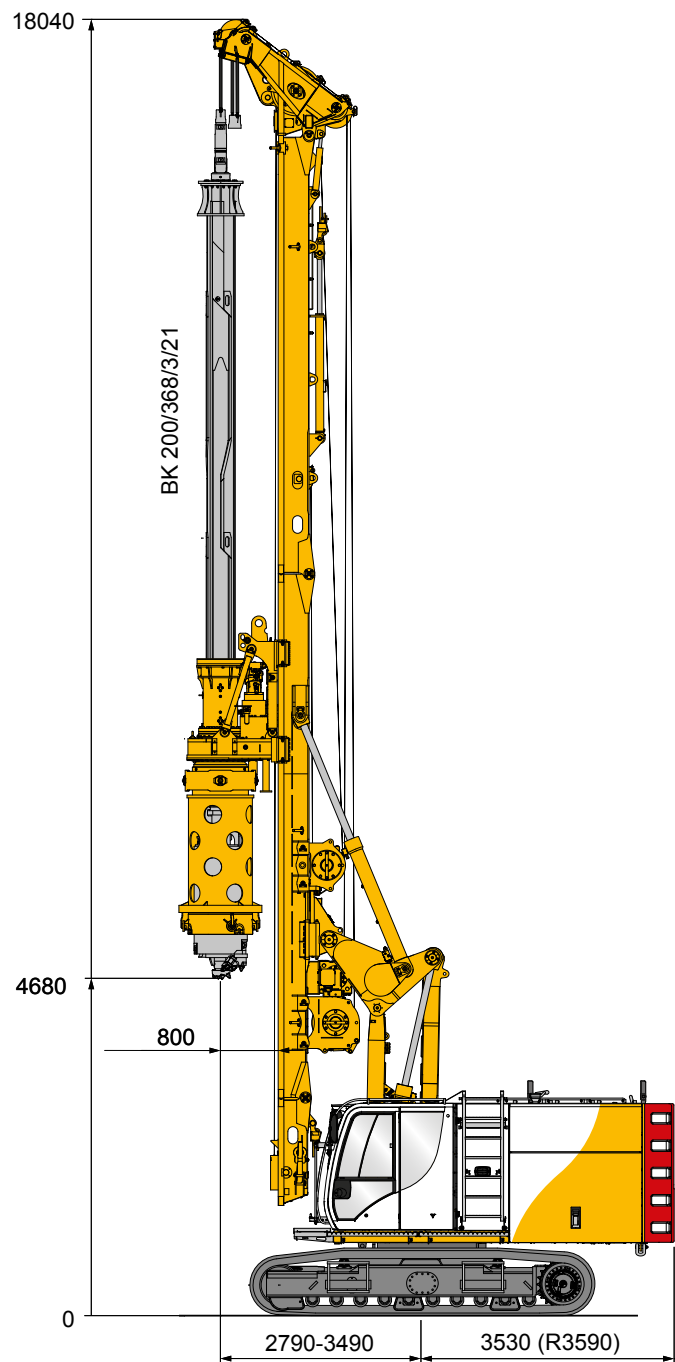


## ► BAUER Rotary drilling rigs

### ■ BG 20 H

Technical data	BG 20 H - BT 50
<b>Overall height</b>	18.040 mm
<b>Operating weight (approx.)</b> (with Kelly BK20/368/3/21)	53.000 kg
<b>Rotary drive</b>	KDK 200 KL
Torque (nominal) at 330 bar	200 kNm
Speed of rotation (max.)	35 rpm
<b>Crowd winch</b>	
Crowd pressure / pull (effective)	110 / 260 kN
Crowd pressure / pull measured at the casing drive adapter on the rotary drive	150 / 210 kN
Stroke (kelly system)	8.050 mm
Stroke (CFA system)	12.820 mm
Speed (down/up)	9 / 5 m/min
Fast speed (down/up)	27 / 23 m /min
<b>Main winch</b>	
Single line pull (1 <sup>st</sup> layer) effective / nominal	136 / 175 kN
Rope diameter	22 mm
Line speed max.	80 m / min
<b>Auxiliary winch</b>	
Single line pull (1 <sup>st</sup> layer) effective / nominal	43 / 54 kN
Rope diameter	16 mm
Line speed max.	28 m / min
<b>Mast inclination</b>	
Backward / forward / lateral	15° / 5° / 5°

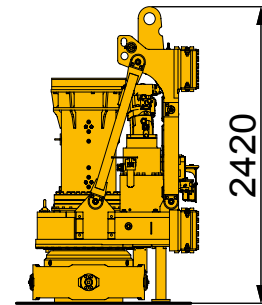
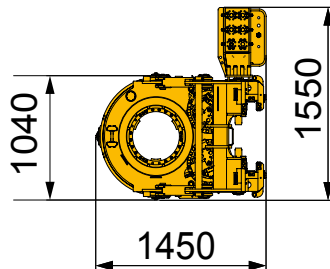


## ► BAUER Rotary drilling rigs

### Rotary drive

KDK 200 KL

Gewicht ohne Schlitten 4,5 t



### Base carrier BT 50

### CAT C7.1

Engine	
Rated output IS46-10 30	186 kW @ 1800 rpm
Engine conforms to Exhaust Emission Standard	EU 2016/1628 Stage V EPA/Carb Tier 4 final
Diesel tank / AdBlue	540 l / 32 l
Ambient air temperature (at full power) up to	45°C
Sound pressure level in cabin (EN 16228)	LPA 80 dB (A)
Sound power level (2000/14/EG u. EN 16228)	LWA 105 dB (A)
Hydraulic system	
Hydraulic power output (measured at inlet to rotary drive)	150 kW
Hydraulic pressure	350 bar
Flow rates (main circuits + auxiliary circuit)	2X210 l/min + 1X135 l/min
Hydraulic oil tank capacity	450 l
Undercarriage (Retractable crawler frames)	
Crawler type	B 60
Track width (retracted / extended)	1900/3280
Overall width of crawlers (retracted / extended)	2500 / 3880
Width of triple grouser track shoes	600 mm
Overall length of crawlers	4.800 mm
Traction force effective / nominal	340 / 400 kN
Travel speed	1,59 km/h

