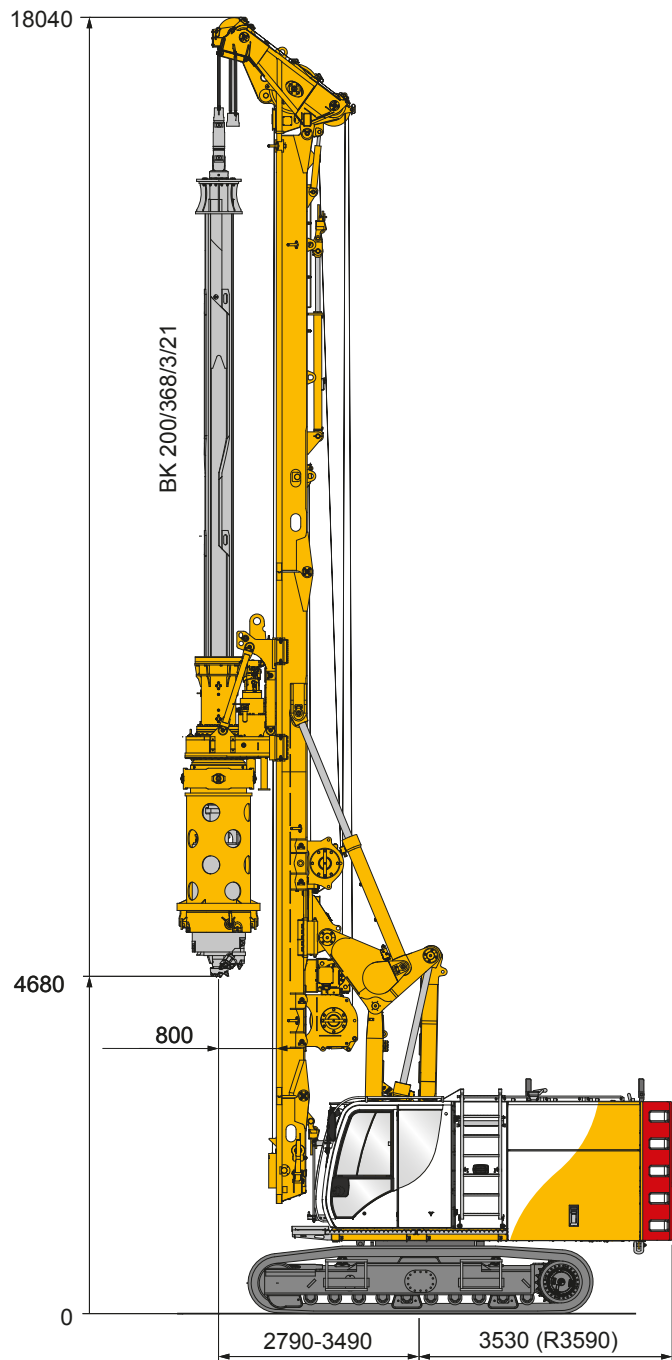




BG 20 H

Technical data BG 20 H - BT 50

Overall height	18.040 mm
Operating weight (approx.) (with Kelly BK20/368/3/21)	53.000 kg
Rotary drive	KDK 200 KL
Torque (nominal) at 330 bar	200 kNm
Speed of rotation (max.)	35 U/min
Crowd winch	
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
Main winch	
Single line pull (1 st layer) effective / nominal	136 / 175 kN
Rope diameter	22 mm
Line speed max.	80 m / min
Auxiliary winch	
Single line pull (1 st layer) effective / nominal	43 / 54 kN
Rope diameter	16 mm
Line speed max.	28 m / min
Mast inclination	
Backward / forward / lateral	15° / 5° / 5°

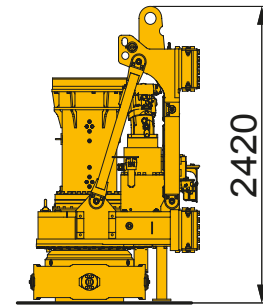
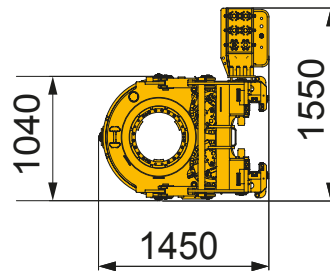




Rotary drive

KDK 200 KL

Weight c/w sledge 4,5 to



Base carrier BT 60

CAT C7.1

Engine

Rated output ISO 3046-1	186 kW @ 1800 U/min
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)

UW 50

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

