



Horizontal Directional Drilling Rig

Special Features

The BR series is a full Hydraulic self-propelled with crawler

Main auxiliary equipments, such as diesel engine, hydraulic pumps, valves motors, reducer and key hydraulic components are all selected and adopted from famous-brand products;

Adopting low-emission and low noise of diesel engine, the rig is more suitable to be applied for performance in the city;

Adopting advanced control system, the power consumption is reduced to the lowest level under non-loaded operation condition;

The mud pump is driven hydraulically with mechanical gear shift. The displacement could be adjusted flexibly according to different geological conditions and performance techniques.

Adopting injection and recirculation storage procession method, the efficiency will be increased and the intensity of labor will be decreased;



Specifications

Model	BR-15L	BR-20	BR-28	BR -32	BR-40
Engine(Kw)	66.2	110	132	145	175
Push/Pull force(kN)	75/150	200/200	280/280	330/330	400KN
Torque(kNm)	4.2	6	10	13	15kN.m
Speed(RPM)	0-60,0-120	0-70,0-140	0-56,0-112	0-48,0-96r	0-40 0-80
Feeding Stork(mm)	3500	3300	3300	3300	5000
Drilling angle(°)	0-20	0-20	0-20°	0-20°	8-20
Dimension(mm)	5.8×2.05×2.380	5.9×2.1×2.4	5.7×2.1×2	5.82×2.25×2.4	7.8×2.3×2.35
Weight(T)	6.1	6.5	8.2	8.4	16T
Dia. Of the Rod	60	60	73	73	60
Jib crane	-	-	-	-	2T
Model	BR-60	BR -120	BR -180	BR -300	BR -450
Engine(Kw)	225	200 × 2/360 × 1	470	610	784
Push/Pull force(kN)	610	1220	2450	4000	4500
Torque(kNm)	27	6	70	98	120
Speed(RPM)	0-45,0-90	0-45,0-90	0-42,0-84	0-42,0-84	0-42,0-84
Feeding Stork(mm)	6000				
Drilling angle(°)	8-18	8-16	8-16	8-16	8-16
Dimension(mm)	9×2.75×2.8	14.5×2.8×2.85	14.5×3.15×3	14.5×3.15×3	17.2×3.15×3.4
Weight(T)	24T	30T	44T	52T	45T
Dia. Of the Rod	102	127	140	127/140	140/219
Jib crane	2T	3T	3T	3T	4T