

KNEBEL DRILLING A/S



HY-97-BRS, Mounted at Articulated Vehicle!

KNEBEL DRILLING A/S Type HY-97-BRS, mounted at a Articulated **6 x 6 Vehicle**, made by TEREX, the rig is a HEAVY DUTY PTO driven water well rig, with capacity to drill with direct mud / air circulation, reverse mud / air circulation and wire-line percussion, hole diameter from 6" to 32", max. recommended weight of in hole tools 26 tons.

The design of the drilling rig is unique in the easy way to carrier and handle drilling tools, in fact it is only a one man operation.



Dimension of Rig during transport:

Total width of rig	2.800 mm
Total length of Rig incl. Mast	14.200 mm
Total height of Rig	3.950 mm
Total weight empty, incl. Vehicle	28.400 kg



Technical Rig specification:

Power input at hydraulic system max.	180 kW
Hold back standard / max.	280 kN / 400 kN
Pull down standard / max.	150 kN / 210 kN
Rotary Head working stroke	7.600 mm
Rotary Head, travel speed Up = down	30 m / min.
Rotary Head max. torque 1 st . gear	16.000 Nm
Rotary Head max. torque 2 nd . gear	8.000 Nm
Rotary head speed 1 st . gear	2 to 60 RPM
Rotary Head speed 2 nd . gear	2 to 120 RPM
Rotary Head tip	2 x 90 °

Winch with free fall, max. line pull	30 kN	Numbers of stroke / min. for percussion	32 to 48
Length of stroke adjustable	0,2 to 1,0 meter	Bottom clamp max. static load capacity	400 kN
Bottom clamp, hydraulic operated	ø 419 mm	Jib boom slewing capacity	1 x 360 °
Jib boom for rod handling max. lift	10 kN	Jib boom tip out angle	90°
Jib boom length max.	3.400 mm	Break-O-Matic for easy breaking of treads 7.500 Nm, Hydraulic chuck for locking Rotary Head to drill pipe.	
Night light and Remote control.			
Accessories: Compressor, Mud pumps, Oil injection pump, Foam pump and water pump.			
KNEBEL DRILLNIG A/S also offer special application for your work, please contact us today.			