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Underground Hydraulic Drilling Rig **WDH-3.1**

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The WDH-3.1 Underground Hydraulic Drilling Rig is designed for geological prospecting drilling and drilling water drainage, methane drainage, engineering and protection holes with diameters between 59 mm and 153 mm in rocks of different hardness using the rotary method. The drilling rig has a hydraulic drive and is powered with hydraulic oil supplied by a hydraulic power supply unit.

TYPE	Unit	WDH-3.1
Marking	-	CE I M2 X
Medium	-	Hydraulic oil L-HL 46 or L-HL 68
Drilling depth	m	Up to 300
Full section drilling diameter	mm	Ø 59 – 153
Diameter of rods used	mm	Ø51 or Ø60,3 or Ø76
Max. rod length	mm	1500

Drilling angle	-	±90° hydraulic set
Type of rod thread	-	N42 or N51 or 2 ³ / ₈ WP
Max.torque	Nm	2250 or 1120
Rotation- rod drive	rpm	0-78 or 0-156
Holding down pressure	kN	0-75
Working advance speed	m/min	0 – 4,7
Weight	kg	1020 (drilling rig) 145 (steering unit)
Dimensions of the drilling rig	mm	3100 x 1300 x 760
Steering unit dimensions	mm	1005 x 450 x 1136

