

SIDES DRILLING CONTRACTORS PTL LTD

UDR500 Geotechnical Drilling Rig SPECIFICATIONS

0-1160 r.p.m	Traverse Speeds; FAST – 29m/min UP (95 ft / min) FAST – 20 m/min DOWN (65 ft/ min) MICRO – 12 m/min UP (39 ft/min) MICRO – 8.5 m/min DOWN (28ft / min) Low Power
4.3 m Transverse (13.5 ft)	Low power requirement of 62 kW at 2000 rpm (83 hp)
Hydraulic Pull Down of 45kN (10,000 lb)	Wire line hoist of 13 kN (2930 lb) capacity at a maximum speed of 470 m/min (1540 ft./min)
Hydraulic Pull Back of 55kN (12,000 lb)	Hydraulic rod clamps of POWL or AQWL sizes
Three hydraulic circuits all fully filtered	Line Oiler of 23 L (5 gallon) capacity. Pressure to 2760 kPa (400 psi)
Main Hoist of 40 kN (9,000 lb) capacity at a maximum speed of 110 m/min (360 ft. / min)	Power brake out tool
Bean 420 Water-Mud-Foam-Injection-Pump. Capacity of 77.5 L/min (20 g.p.m) at 5,500 kPa (800 psi)	Vertical to 45 ° drilling angle capacity
Slips Table passing 224 mm (8 ¾) casing	
Full instrumentation	6 m (20 ft) rod pull out capacity
Angle drilling Boom	Work Vice
4,700 Nm torque (3,500 lb)	Rotation head rack back



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