

Translation of the original

Operating Manual

DIRECTIONAL DRILL RIG PD 500/120 RP





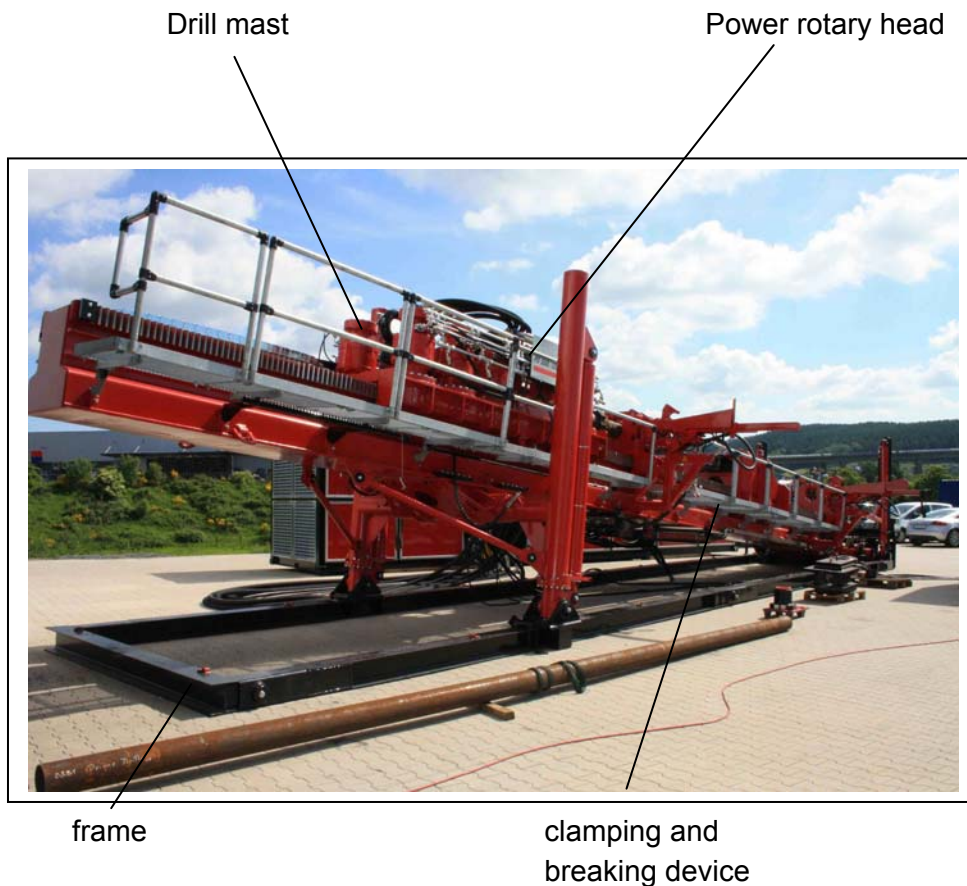
PD 500/120 RP**2. Technical data**

Drive:	8-Cylinder Turbo-Diesel with super noise reduction	2 x 470 kW 1.800 RPM
Drill mast:	Pull force Push force Feed length	max. 5.000 kN max. 5.000 kN 10.300 mm
Power Rotary Head:	Torque / Speed 1st gear 2nd gear 3rd gear Flush shaft Exit flange	120 kNm / 30 RPM 72 kNm / 50 RPM 48 kNm / 75 RPM ID = 90 mm 6.5/8" FH
Breaking unit:	Breaking torque Clamping range	170 kNm 3.1/2" – 10"
Control:	Joystick-operation Indications	electro-hydraulic analogous / digital
Sizes & Weights	Drill mast mit steel frame: Operating container: Hydraulic power pack:	Length 17.960 mm Width 3.870 mm Height 4.025 mm Weight: 48.500 kg Length 3.000 mm Width 2.438 mm Height 2.620 mm Weight: 1.800 kg Length 12.192 mm Width 2.440 mm Height 2.620 mm Weight: 19.000 kg
Emission – sound- pressure- level at workplace Lpa		78[dB(A)]

3. Setting up/functioning

3.1 Bore unit with integrated hydraulic power pack

The drill rig is used to thrust the drill stems and drill tools to create a tunnel into which pipes are installed.



Hydraulic power pack with Diesel engine,
pump and battery

