

FORWARD

Drilling rig
FORWARD RX40×160
 intended for underground
 engineering communications
 construction by horizontal
 directional drilling method

SPECIFICATION

Diesel engine			
Emission stage	WEICHA-DEUTZ		
Power	176 KW		
Cylinders	6		
Cooling Type	Water Cooling		
Thrust and pullback			
Move Speed			2
	Low Speed	Thrust force	410 KN
		Pullback force	410 KN
	High Speed	Thrust force	205 KN
		Pullback force	205 KN
Rotation			
Gears			3
	Low Speed	Rotation Speed	50 RPM
		Spindle Torque	16 000 Nm
	Middle Speed	Rotation Speed	80 RPM
		Spindle Torque	11 000 Nm
	High speed	Rotation Speed	240 RPM
		Spindle Torque	6 000 Nm
Other parameters			
Drilling angle			0-25°
Power Winch	Jaws clamping spindle torque		15 000 Nm
	Jaws reducing spindle torque		30 000 Nm
Mud pump	Maximum capacity		450 L/min
	Maximum pressure		7 Mpa
Drilling rod	Length		3 000 mm
	Rod lock		Ø92 mm
	Rod body		Ø83 mm
	Max bending		5%
Type of Rod Feeding (Standard)			Automatic Rod Hand
Total Weight			13 600 Kg
Dimensions (L×W×H)			7000×2240×2466mm
Extra Options			
Rod Box with Rod Feeding System (instead of the standard automatic rod hand)			
Hydraulic Anchor			
Diesel Engine Preheating			
Hydraulic System Preheating			
Drill Rod Lubrication System			

FORWARD RX40×160 FEATURES AND BENEFITS

Compact and suitable for operation in city conditions
Powerful and strong
The rack system of thrust-pullback
Easy in operation and maintenance



FORWARD

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