



Drilling Methods

Solid Stem Auger	150 mm
Rotary Air	96mm to 200mm diameter
Push Tube	U-50 & U-60
Rotary Mud	75mm to 200mm diameter
Standard penetration Test	Automatic guarded drop hammer
Diamond Core	Wireline (PQ3, HQ3, NQ3), Conventional (NMLC)
Tubex	YES - PWT Casing
Wasbore	HWT Casing advancer

Safety

Emergency stops	Control panel, offside position.
Cage Interlock	Yes
Fire suppression	2 x 9KG Dry Chem
Winch Limiter	No
Controls	Static guards over hydraulic controls.
Hydraulic Breakout	Yes
Rod Spinner	No



Dimensions and Platform Specs	
Stroke	4000 mm
Weight	6500 kg
Width	1950 mm
Length	6500 mm
Height (Mast Folded)	2615 mm
Height (Mast Unfolded)	7720 mm
Drilling Inclination	45 horizontal to 90 vertical down
Max Ground Speed	1.6 kph
Surface Load	7.7 psi
Track Width	

Engine	
Make & Model	Deutz D914L04 Air cooled, Com III
Engine Power	72.4 Kw
Fuel Capacity	60L

Rotary Head	
Model	DD52
High Torque	977 - 5423 NM
Low Torque	371 - 1859 NM
Low Gear	140 - 740 RPM
High Gear	48 - 250 RPM
Head Adapter	2 3/8 Ali Reg

Hydraulic System	
Pull Down Force	34 kN
Pull Back Force	55 kN
Hydraulic Pressure	3626 psi
Hydraulic flow rate	66 lpm
Oil Tank	200 L

Main Winch	
Winch Rating	30 kN
Winch Speed	20 m/min
Cable Length	30 m
Cable diameter	13 mm

Triplex Pump - FMC L0918	
Continuous flow	100 L/Min
Pressure	652 psi

Mono Pump - Roto Pump RMAB542	
Continuous flow	100 L/Min @ 450 rpm
Max Pressure	170 psi

Wire-Line Winch	
Winch Rating	6.5 kN
Winch Speed	100 m/min
Cable Length	250 m
Cable diameter	6 mm

Breakout Clamps	
Clamp Opening	220 mm
Clamp Range	
Clamp Force	174 kN
Breakout Torque	20.5 kN