



Drilling Methods

Solid Stem Auger	No
Rotary Air	No
Sonic	Yes (100 - 300mm Casing). continuous sample to 80m.
Rotary Mud	No
Standard penetration Test	No
Diamond Core	No
Tubex	No
Wasbore	No

Safety

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



Dimensions and Platform Specs

Stroke	4013 mm
Weight	11000 kg
Width	2134 mm
Length (folded)	7569 mm
Height (Mast Folded)	2997 mm
Height (Mast Unfolded)	7239 mm
Drilling Inclination	No
Max Ground Speed	2.4
Surface Load	6.2 psi

Engine

Make & Model	CAT -4 Cyl Turbo
Engine Power	90 Kw
Fuel Capacity	151 L

Sonic Head

Model	GV4
High Torque	5423 NM
Low Torque	3389 NM
Low Gear	80 RPM
High Gear	120 RPM
Oscillator Frequency	0-130 hz

Hydraulic System

Pull Down Force	88 kN
Pull Back Force	88 kN
Hydraulic Pressure	4000 psi
Hydraulic flow rate	370 lpm
Oil Tank	208 L

Main Winch

Winch Rating	909 kg
Winch Speed	40 m/min
Cable Length	30 m
Cable diameter	13 mm

Triplex Pump - FMC L0918

Continuous flow	
Pressure	

Mono Pump - Roto Pump RMAB542

Continuous flow	
Max Pressure	

Wire-Line Winch

Winch Rating	NA
Winch Speed	NA
Cable Length	NA
Cable diameter	NA

Breakout Clamps

Clamp Range	50 - 300mm
Clamp Force	93.4 kN
Breakout Torque	60 kN