



### Drilling Methods

Solid Stem Auger	150 mm to 20m
Rotary Air	96mm to 125mm to 40m
Direct Push Tube	Hydraulic Hammer to 10m
Rotary Mud	150mm diameter to 50m
Standard penetration Test	Automatic guarded drop hammer
Diamond Core	Wireline (PQ3, HQ3, NQ3), Conventional (NMLC) to 50m
Tubex	YES - PWT Casing to 30m
Wasbore	HWT Casing advancer to 30m

### Safety

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



Dimensions and Platform Specs	
Stroke	2400 mm
Weight	2700 Kg
Width	1340 mm
Length	3700 mm
Height (Mast Folded)	2240 mm
Height (Mast Unfolded)	4020 mm
Drilling Inclination	45 horizontal to 90 vertical down
Max Ground Speed	1.5 kph
Surface Load	

Engine	
Make & Model	Kubota V1505T
Engine Power	31 Kw
Fuel Capacity	30 L

Rotary Head	
High Torque	2360 lb/ft
High Gear	160 rpm
Head Adapter	2 3/8 Ali Reg

Hydraulic System	
Pull Down Force	25 kN
Pull Back Force	25 kN
Hydraulic Pressure	
Hydraulic flow rate	
Oil Tank	200 L

Main Winch	
Winch Rating	8 kN
Winch Speed	38 m/min
Cable Length	30 m
Cable diameter	8 mm

Triplex Pump - FMC	
Continuous flow	40 L/Min
Pressure	2000 psi

Wire-Line Winch	
Winch Rating	
Winch Speed	41 m/min
Cable Length	60 m
Cable diameter	6 mm

Breakout Clamps	
Clamp Range	45 -1 70 mm
Clamp Force	130 kN
Breakout Torque	1000 daNM