



### Drilling Methods

Auger	No
Rotary Air (DTH)	100 - 250mm
Rotary Mud	100 - 250mm diameter
Standard penetration Test	No
Diamond Core	Wireline (PQ3, HQ3, NQ3),
Reverse Circulation	Yes

### Safety

Emergency stops	Control panel, offside position,.
Cage Interlock	Yes
Fire suppression	Fully automated suppression unit
Controls	Double activation rotation and head traverse.
Hydraulic Breakout	Yes - with spanner table
Winch Limiter	Yes
Hand rails	Yes
Rod Handler	KL Type
Rod Spinner	Yes - UDR type



Dimensions and Platform Specs	
Stroke	7600 mm
Weight	37500 kg
Width	3000 mm
Length (folded)	12000 mm
Height (Mast Folded)	4680 mm
Height (Mast Unfolded)	14000 mm
Drilling Inclination	Up to 45 Degrees
Max Ground Speed	100 kmph
Mast Dump	2000 mm

Engine	
Make & Model	Cummins QSM 11
Engine Power	298.5 KW
Fuel Capacity	1000 L

Head	
Model	Top drive two speed
High Torque	10490 NM
Low Torque	1610 NM
Low Gear	5 - 150 rpm
High Gear	150 - 1250 rpm
Pull Down Force	100 kN
Pull Back Force	270 kN

Hydraulic System	
Hydraulic Pressure	Multiple Pumps
Hydraulic flow rate	Multiple Pumps
Hydraulic Oil Tank	460 L

Main Winch	
Winch Rating	18181 kg
Winch Speed	55 m/min
Rod Pull	9 m
Cable diameter	23 mm

Triplex Pump -FMC W1122BCD	
Continuous flow	140 L/Min
Pressure	1500 psi

Pump 2	
Continuous flow	
Max Pressure	

Wire-Line Winch	
Winch Rating	1672 kg
Winch Speed	420 m/min
Cable Length	2200 m
Cable diameter	8 mm

Breakout Clamps	
Clamp Opening	NA
Clamp Range	NA
Clamp Force	NA
Breakout Torque	NA