

SA2000



[TECHNICAL SPECIFICATIONS]

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SA 2000 Technical Specifications

Drilling Capacity

Rod size	Depth
BQ	2000m
NQ	1700 m
HQ	1200 m
PQ	700 m

Track

Drive Mode	Hydraulic drive
Control Mode	Hydraulic control
Max Up Hill Angle	30°
Walk Speed	2 km/h

Power Unit

Manufacture	Cummins
Model	Cummins 6CTA, 6 cylinders
Displacement	8.3 liter
Power	179KW/2200rpm
Cooling	Water
Diesel Type	Turbo charged, after cooling

Hydraulic System

Working pressure	28Mpa
Cooling	Air cooled

Drill Head

Drive Mode	Hydraulic drive
Max torque	5,500N.M
Max inside diameter	117mm
Gear Box	4 shifts
Ratio	Spindle Speed, rpm
1st	120 - 192
2nd	240 - 384
3rd	428 - 685
4th	750 – 1200
Drill head chuck	
Type	Hydraulic open, spring closed
Max inside diameter	117mm

Main Hoist

Drive Mode	Hydraulic drive
Max pull	13500kg(bare drum)
Pulling speed	40m/min (bare drum, low) 80m/min (bare drum, high)
Rope diameter/length	22mm x 41m

Wire line Winch

Drive Mode	Hydraulic drive
Power	Hydraulic system
Max pull	1100kg (bare drum)
Pulling speed	110m/min (bare drum)
Rope diameter/length	6.6 mm/1500m

Mast

2 sections, hydraulic powered lift/down (the top section can be assembled), with mast dump

Up & Down Mode	Hydraulic drive
Length/Feed Travel	13m/3500mm
Max Drilling angle	45 degrees
Max push	6200KG
Max pull	18900KG
Mast dump	1100mm

Hydraulic Foot Clamp

Max rod size 117mm

Total Weight 11500kg

Walking Size 6,513 x 2,320 x 2,720mm