

DIAMOND DRILLING RIG

SA 500P



SA500P Tech Specifications

Drilling Capacity

Rod outside diameter	Depth
BQ	600 m
NQ	400 m
HQ	200 m

Power Unit

Manufacture:	YANMMA
Model:	YANMMA 4TNV84T
(water cooled, 4 cylinder, displacement	1.995 liter)
Power	2x35.5KW @2,800rpm
No. of Diesel Engine	2
Cooling	Water

Hydraulic System

Working Pressure:	22Mpa
Cooling:	Air cooled

Drill Head

Spindle Speed	370-1,100 rpm
Feed Force	35KN
Pulling Force	70KN
Max Torque	1,200NM
Feed Stroke	1,800mm

Main Hoist

Pulling Force	30KN (Bare Drum)
Pulling Speed	26m/min
Dia of Rope	14mm
Length Capacity	30m

Wireline Winch

Power:	Hydraulic system
Max Pull:	1,100kg (bare drum)
Pulling Speed:	110m/min (bare drum)
Rope Diameter/Length:	5mm/500m

Mast

Mast + Extension	4.5m
Mast Erection	Hydraulic
Drilling Angle	90-45 degree

Mast set up by hydraulic cylinder

Foot Clamp

Max Rod Size: 117mm

Hydraulic Open, Hydraulic Close with self-lock

Total Weight: 1,500kg