



SMA
DRILLING



MODEL SMA FLASH DRILL RIG



TECHNICAL SPECIFICATIONS

PRIME MOVER: TRUCK

Make	- Ashok Leyland
Model	- 2518
Drive	- 6x4
Gross weight	- 25MT
Engine Rating	- 180HP@2400 RPM

AIR COMPRESSOR

Make	- ELGI
Model	- 1100/300
CFM	- 1100
PRESSURE	- 300 PSI (21 Bar)

MUDPUMP

MODEL	- L125
STROKE	- 6"/152mm
Working Pressure	- 217/15.26kg/cm
Maximum Depth	- 150 meters

DRILL DEPTH

Maximum Depth	- 363 Meters
Rod Handling	- 5 Meters

HOLE DIAMETER

DTH	- 152 mm to 254 mm (6" to 10")
ROTARY	- 152 mm to 350 mm (6"- 14")

MAST

Max Capacity	- 18 Tonnes (39600 lbs)
Height	- 6 meters
Rod Handling	
Capacity	- 5 meters.



MAIN HOST ASSEMBLY

Line Pull	- 3000 Kgf
Max Line Speed	- 40M/Minute
Wire Día	- 16mm
Drive	- Hydraulic

FEED SYSTEM

Pull Up	- 11500 Kgf
Pull Down	- 600 Kgf
Hosting Speed	- 35 mtr/min

WATER INJECTION PUMP

Max Flow	- 56 LPM
Max Pressure	- 30 Kg /cm ²

AUXILLARY WINCH

Bare Drum Pull	- 1000 Kgf
MAX Speed	- 20 m/min

HYDURALIC CIRCUIT

Max Operating Pressure	- 220 kg/cm ²
Hydraulic tank capacity	- 600 Litres
Filtration Non-Return Line	- 10/25 MICRON

ROTARY HEAD

Torque	- 600 Kg-M
Rotation Speed	- 1 to 100 RPM

CYLINDERS

Stabilising cylinders 4 Nos	- 125mm (Bore), 610mm (Stroke)
Mast Raising Cylinder	- 100mm (Bore),800 mm (Stroke)
Feed Cylinder	- 140mm (Bore),2350 mm (Stroke)
Break Out Wrench	- 80mm (Bore),300 mm (Stroke)
RH Slide Out Cylinder	- 80mm (Bore), 450 mm (Stroke)





CONTACT US

INDIA OFFICE

-  **SREE RAM TUBEWELL,
66/5, BRINDHAVAN NAGAR,
KOOTAPALLI, TIRUCHENGODE,
TAMILNADU, INDIA. PINCODE - 637214**
-  **MOBILE: +91 9994112028, +91 9976044916**
-  **Web site: www.smadrilling.com**

GHANA OFFICE

-  **SMA DRILLING LIMITED
P.O.BOX: GP 3375, PLANT POOL AREA,
ACCRA – GHANA.
WESTAFRICA**
-  **MOBILE: +233 266205133, +233 20699013**