

apollo[®]

**Engineering
Reliable
Foundations**



SOIL TESTING RIG

Apollo ST 300

SOIL TESTING RIG

The all New “Apollo ST 300 Soil Investigation Rig” is a compact, powerful, and highly versatile drilling solution engineered for soil investigation, and geotechnical applications. Designed to deliver reliable performance across diverse ground conditions, the ST 300 combines robust construction with advanced hydraulic technology to maximize efficiency and accuracy on every project.

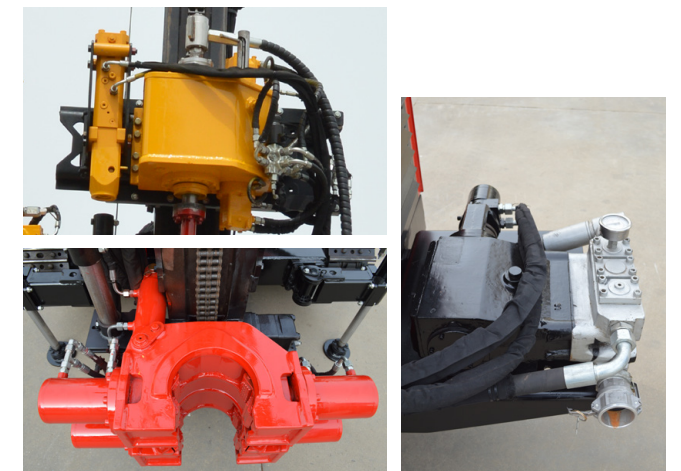
Its heavy-duty chassis, high-torque rotary head, powerful hydraulic system, and compact steel-track undercarriage provide exceptional stability, mobility, and productivity, even in challenging or confined job sites. Equipped with a high-capacity mud pump, strong stabilizer system, and user-friendly controls, the ST 300 reduces setup time, improves drilling efficiency, and minimizes operator effort.

Built for durability, precision, and low maintenance, the Apollo ST 300 is the ideal choice for geotechnical consultants, infrastructure developers, construction companies, research organizations, and renewable energy projects seeking dependable performance and long-term reliability.

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KEY FEATURES

- ✓ Compact and robust design for easy transportation and operation.
- ✓ Ideal for soil investigation, and geotechnical applications.
- ✓ Powerful 80 HP turbocharged diesel engine for reliable performance.
- ✓ High-torque rotary head delivering efficient drilling performance.
- ✓ Heavy-duty hydraulic system for smooth and precise operation.
- ✓ High-capacity mud pump for improved drilling efficiency.
- ✓ Strong stabilizer system for enhanced machine stability and faster setup.
- ✓ Steel-track undercarriage for longer life.
- ✓ Operator-friendly controls with low maintenance requirements.
- ✓ Designed for maximum productivity, reliability, and long service life.



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Technical Specifications



POWER PACK

Make & Model	Ashok Leyland ALUW04D
Fuel Type	Diesel
Maximum Engine Speed	2200 rpm
Number of Cylinders	4 Cylinders with Turbo Charger
Horse-Power Rating	80 HP
Maximum Torque	230 Nm @ 1800 rpm
Cooling Method	Liquid

DIMENSIONS & WEIGHT

Length	5150 mm
Width	1670 mm
Height	2220 mm
Weight	3020 kg

UNDERCARRIAGE

Length	1520 mm
Shoe width	230 mm

FLUID CAPACITIES

Engine Oil Capacity	10 ltr
Diesel Tank Capacity	50 ltr
Hydraulic Oil Tank Capacity	180 ltr

MUD PUMP

Flow	100 LPM
Pressure	600 PSI

FEATURES

Electrical System	12 V
Drilling Lights	YES
SPT Hammer	YES (Optional)
UDS Hammer	YES (Optional)
Drive System	Steel Track

WISE CLAMPS

Max. Passage	167 mm
Min. Handling	50 mm
Clamping Force	16,200 Nm
Breaking Torque	11,500 Nm

ROTARY HEAD

Max torque	6000 Nm
Max speed	160 RPM

MAST

Pull up	3160 kgf
Pull down	3160 kgf

MAIN WINCH

Max. pull	1050 kg
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Head Office & Factory :

Apollo Techno Industries Limited

(Formerly known as Apollotechno Industries Private Limited)

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Global Presence :

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Netherlands, Lebanon, Egypt

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© Apollo Techno Industries Limited may upgrade specifications without any prior notice.
Accessories shown with product may optional and not a part of standard supply.