



GEOCORE FCI-R80T65

Trailer-Mounted Heavy Duty Hydraulic Drilling Rig (Model 2026 | UAE)

Engineered for high-efficiency geotechnical, water well, and core drilling operations with superior durability and rapid site deployment.

80 kW

POWER

6.5k

NM TORQUE

5.0 T

MAST LOAD

5.0 T

WINCH

Key Engineering Features

- ✓ **Integrated Trailer Chassis:** Heavy-duty outriggers for rapid leveling and setup.
- ✓ **High-Torque Rotary Head:** Delivers 6,500 Nm for penetrating tough rock strata.
- ✓ **Ergonomic Control Station:** Stainless steel panel with directional multi-spool levers.
- ✓ **Dual Hoisting System:** Synchronized 5-Ton mast and winch pull capacities.



Technical Specifications & Manufacturer Details



System Specifications

PARAMETER	SPECIFICATION
Engine Power Rating	80 kW
Rotary Head Torque	6,500 Nm
Mast Load Capacity	5.0 Ton
Winch Hoist Capacity	5.0 Ton
Rotational Speed	60 RPM
Hydraulic Operating Pressure	210 Bar
Hydraulic Oil Tank / Grade	200 L / ISO 68
Diesel Fuel Tank Capacity	45 Liters
Control System Voltage	12V DC

Operational & Safety Standards

- ⚠️ Rated load limit of 5-Ton for mast/winch must be strictly maintained.
- 👤 Requires certified operator for multi-spool hydraulic control manipulation.
- ✅ Designed for continuous heavy duty cycles under high ambient temperatures.

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