

Hydraulic Feed Core Drilling Machine

This hydraulic feed core drill is small and lightweight. It is suited for shallow and medium depth diamond tungsten carbide core drilling, and can also be used in engineering geological, hydrogeological, water well and pile grouting hole drilling.



Overview

Hydraulic Feed Core Drilling Machine

This hydraulic feed core drilling machine is engineered for versatility and high performance in geological exploration and mineral prospecting. Featuring a robust design with a maximum torque of 2760 Nm and an adjustable drilling angle of 0-90°, it provides the precision required for demanding field operations. The system is compatible with both electric motor and diesel engine power units, ensuring operational flexibility in various environments.

Drilling Performance

Drilling Capacity

Rod Diameter	Max Depth
173	100
160	200
150	380
142	530

Spindle Specifications

60 KN

Max Pull Force

600 mm

Stroke

76 mm

Inner Diameter

Spindle Speed (Forward)

- 65
- 114
- 180
- 248
- 310
- 538
- 849
- 1172

Spindle Speed (Reverse)

- 51
- 242

Technical Details

Maximum Torque	2760 Nm
Drilling Angle Range	0-90°
Hoist Max Lift Capacity (Single Rope)	30 KN
Oil Pump Model	SCB32/12

Power Units

Electric Motor	Y180L-4, 22Kw
Diesel Engine	395K2, 19.85Kw