

Drill Rig with Derrick

This drill rig features multiple gears and a broad speed range for diverse applications. It is equipped with two reverse speeds to effectively manage unexpected situations.



Product Overview

Versatile Drilling Performance

The DSHY-2BT is a comprehensive drilling machine that integrates the drill body and mast for efficient medium-shallow core drilling. Designed for versatility, it supports both large and small diameter holes using either diamond or carbide tungsten bits. With its integrated raise-fall derrick, the rig offers the flexibility to drill at any angle, making it an excellent choice for engineering exploration, hydrographic drilling, water well construction, and anchoring projects.

Drilling Capacity

Drilling Capacity by Rod Type

| Rod Type | Depth (m) |
|----------|-----------|
| AQ rod | 565 |
| BQ rod | 460 |
| NQ rod | 350 |
| 42 rod | 530 |

Technical Specifications

Spindle Performance Metrics

3200 N·m

Max Spindle Torque

60 KN

Max Spindle Pull Force

540 mm

Spindle Stroke

96 mm

Inner Diameter

Spindle Speeds

- 57
- 99
- 157
- 217
- 270
- 470
- 742
- 1024

Hoisting Force

30 KN

Oil Pump

SCB32/12 twin gear pump

Applications

Suitable Applications

Core Drilling, Engineering Exploration, Hydrographic Drilling, Water Well Drilling, Anchoring Hole Drilling