

# 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