

Engineering Pile Hole Drilling Machine

The engineering drilling machine is designed for drilling large diameter pile holes. It utilizes forward and reverse circulation drilling methods for building, skyscraper, dam, and harbor construction projects.



Overview

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This robust engineering drilling machine is designed for heavy-duty construction and industrial applications. It features a rigid frame construction for enhanced stability and precision during drilling operations. Equipped with a powerful drive system and advanced controls, it offers efficient performance for large-scale pile hole projects.

Drilling Capabilities

Hole Diameter	2000 mm
Drilling Capacity	60 m

Top Drive Head

Max Torque

55 kN-m
Max Torque

Drive Head Speeds (Forward)

- 9.5
- 10.5
- 28.4
- 44.1
- 65.9

Push/Pull Force

Metric	Value
Max Push Force	113 kN
Max Pull Force	154 kN

Stroke	1000 mm
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Hoist System

Lifting Speeds

- 0.78
- 1.36
- 2.34
- 3.63

Lift Capacity (Single Rope)

58 kN