

# 130m Water Well Drilling Rig

This drilling rig is capable of reaching depths of 130m. It features a maximum open hole caliber of 260mm and an end hole caliber of 75mm.



## Overview

### HF130 Drilling Rig

The HF130 is a versatile and robust water well drilling machine designed for reliable performance in various terrains. Capable of reaching depths up to 130 meters, this rig is engineered for efficiency in both water well drilling and geological exploration tasks. Its compact design ensures easy transportation and maneuverability, while the powerful engine and hydraulic systems provide the necessary torque and control for demanding drilling operations.

## Drilling Performance

### Hole Caliber Specifications

**260 mm**

Max Open Hole

**75 mm**

End Hole

Max Drilling Depth	130 m
Drilling Angle	90° ~ 75°

## Mechanical Specifications

### Spindle Performance

- Speeds: 142rpm, 285rpm, 570rpm
- Stroke: 450mm

Hoisting Capacity	960 kgs
Lifting Speeds	0.41m/s, 0.82m/s, 1.64m/s

## Power & Hydraulics

### Power Source

Type	Specification
Diesel Engine	S1105 18hp
Electric Motor	Y160M-4 11kw 1440rpm

### Mud Pump Performance

- Type: Horizontal single cylinder double-acting
- Max Pressure: 1.2Mpa
- Work Pressure: 0.7Mpa

## Physical Dimensions

### Weight

**560 kg**

With Power

**510 kg**

Without Power