

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