



**HD 100**

# HD 100 — Down-the- Hole Drill

# Water Well DTHR Series

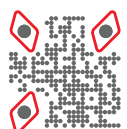
A compact, hydraulic DTH rig for dependable water-well and utility drilling up to 200 meters. HD 100 balances penetration speed and control across mixed formations, pairing a wide hole-size range (4"-16") with flexible compressor options for clean, efficient air drilling on varied sites.

## Technical Specifications

### Technical Data

### Parameters

Compressor capacity	5" (127mm) to 9" (229mm)
Single pass (Standard)	7.6m /9m
Single pass (Optional)	13m
Multi pass capacity	30m 36m / 45m
Drill pipe length	9m / 13m
Storage capacity	3+1/4+1
Rotation Torque	3400 Nm / 9600Nm
Rotation Speed	0- 120 RPM 0-150 RPM 0-180 RPM
Pull down Mechanism	Cylinder with Chain
Feed force	40000-60000 lbs
Hoist force	40000-60000 lbs
Engine / Motor type	Cat- C15 Cummins- KTA 1150C / QSX15/ X15 Electric Motor - Crompton greeves / Simens 320 hp /540 hp
Engine output power	540HP
Compressor capacity	1000cfm@100psi 900cfm@350 psi
Levelling jacks	3
Undercarriage	D5/D6
Estimated weight	45-55 tons



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