



FH1000 MUTLI-PURPOSE DRILL RIG

BY EVOLUTION DRILL RIGS



FH1000 SPECIFICATIONS

The FH1000 has been developed as a small but powerful multi-purpose drill package, available to suit 3M or 6M drill rods. The drill is a budget conscious modular design that can be configured for either truck or crawler track configuration.

DEPTH CAPACITY

- NQ Core: 1150 meters
- HQ Core: 786 meters
- HWT Core: 518 meters
- RC 4": 198 meters (nominal)

ENGINE

- John Deere Power Tech 6.8L (Opt 1)
- 155kW (208Hp)
- Caterpillar C6.6 ACERT (Opt 2)
- Cummins B5.9-173 (Opt 3)

PULL BACK

- 97 kN (21,783 lbf)

PULLDOWN

- 45 kN (10,116 lbf)

TRAVERSE SPEED (ROTATION HEAD):

- Up – 47 m/min (154 ft/min)
- Down – 30 m/min (98 ft/min)

ROTATION HEAD

- Top Head Drive
- 5965 Nm 4400 ft.lb in low gear
- 0 - 1500 Rpm speed range
- 100% Theoretical

MAIN WINCH

- 88.4 kN (19,870 lbf) maximum pull
- 55 M/min (180 ft/min) maximum speed
- 1 x multi disc brake unit, fail safe spring activated, hydraulic pressure release
- 6 meter rod pull capacity

WIRELINE WINCH

- 13.5 kN (3044 lbf) maximum pull
- Rope capacity 1400 meters x 6mm rope
- 342 M/min (1124 ft/min) maximum Speed

WATER PUMP

- Standard FMC W1122BCD 140 Lpm @1000 Psi

DIMENSIONS

- Track design fits within a shipping container