



Dando Drilling International



track
mounted



mineral
exploration



truck
mounted

Dando Mintec 18

The Dando Mintec 18 is a multipurpose mineral exploration drilling rig capable of a wide range of drilling techniques including RAB, deep wire line coring and reverse circulation. Also available in a compact version with smaller tracks and no compressor.

- High speed/high torque rotary head
- High pressure air/water swivel
- RC and RAB compatible
- Main winch for handling tools/casing
- Wireline winch
- Mast dump and angle drilling
- Hydraulic rod clamps
- Onboard coring pump



Made in England
since 1867

Mintec 18 Rotary Drill Rig

Drilling Rig Specification

| | | | |
|---|---|---|--|
| Carrier Options | Crawler mounted is standard but can also be supplied on: Heavy duty commercial 6 x 6 truck - Trailer mounted - Mounted on customer own support vehicle/structure/skid | | |
| Deck Engine | Caterpillar C15 540 HP diesel engine standard, other options available | | |
| Mast Dimensions | Working mast height using main winch: 9140mm | Working mast using the rotary head: 7600mm | Mast dump to 45° |
| Head Traverse | Hoist = 2.6m/m (8.5ft/min) Feed = 1.9m/min (6.25ft/min) | Rapid Hoist = 15.25m/min (50ft/min) Rapid Feed = 10.75m/min (35.3ft/min) | |
| Rig Capacity | Pullback: 18000kgs | Pulldown: 14000kgs | Hook load (max): 18000kgs |
| Rotary Head Performance | Option 1 Option 2 | Rotation (max) 750rpm Rotation (max) 1250rpm | Torque (max) 12050Nm Torque (max) 13000Nm |
| Drill Table and Break Out System | As standard - Hydraulic foot clamp with jaws to suit BQ up to PQ wireline drill rods. Break out system is a double acting hydraulic cylinder with adjustable wrench | | Other options available |
| Standard Compressor | Ingersoll Rand XHP 900 (900CFM/350psi) | | Other options available |
| Main Winch fitted to top of mast | Maximum single line pull: 18000kgs | Maximum speed: 68m/minute | Drum capacity: 45m of 22mm wire rope |
| Wireline Winch | Maximum single line pull: 1000kgs | Maximum speed: 185m/minute | Drum capacity: 2000m of 6mm wire rope |
| Coring Pump | Standard: Hydraulically driven triplex pump | Maximum flow rate: 200 litres/minute Maximum discharge pressure: 1000psi | |
| Inline Oil Lubricator | Fitted as standard and used when operating a DTH hammer | | |
| Hydraulic System | Hydraulic power circuit based on load sensing hydraulic pumps and proportional control valves | | |
| Drillers Control Panel | Uncomplicated and user friendly with ergonomic layout (swing out arm mounting optional) | | |
| Rod Spin Safety Guard | Various options available | | |
| Levelling Jacks | Two front and two rear jacks with individual locking valves | | |
| Lighting and Electrical System | Rig is provided with mast and control panel lighting and the electrical system is 24 volt | | |
| Drilling Capacities* | 4" RC (25kgs/m) drill rod = 576m PQ (15.33kgs/m) drill rod = 900m HQ (11.6kgs/m) drill rod = 1200m NQ (8.0kgs/m) drill rod = 1800m | | |
| Optional Equipment | RC Drilling Conversion Kit - For reverse circulation drilling applications Pipe Handling Boom Crane - For loading and unloading drill pipe and light site work Rod Spinner - Chuck type floating rod spinner with adjustable torque control and side swing in mounting Double Acting Hydraulic Make Up and Break Out Clamp - With minimum clamping diameter of 60mm and a maximum of 250mm Drill Rod Rack - Mounted on carrier Other options available on request | | |



* Based on 80% of drill string weight in dry hole

Please note: All figures and claims made here are indicative and Dando Drilling International reserves the right to make alterations to specification detail without notice. All images are for reference only and may not represent the exact specification outlined in this document.

Dando Drilling International Limited
 www.dando.co.uk
 info@dando.co.uk
 tel: +44 (0)1903 731312
 fax: +44 (0)1903 730305