



Dando Drilling International



track
mounted



mineral
exploration

Dando Mintec 6

The Dando Mintec 6 is a track mounted top drive mineral exploration drilling rig available with these features:

- 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



Mintec 6 Rotary Drill Rig

Drilling Rig Specification

Carrier Options	Crawler mounted is standard but can also be supplied on: Heavy duty commercial 4 x 4 truck - Trailer mounted - Mounted on customer own support vehicle/structure/skid		
Deck Engine	Standard fitting: VM Sun 80 HP diesel engine standard For high speed rotary head option: Caterpillar C6.6 C 202 HP diesel engine		
Mast Dimensions	Working mast height using main winch: 5200mm	Working mast using the rotary head: 4500mm	Mast dump to 45°
Head Traverse	Hoist = 6m/m (20ft/min) Feed = 20.25m/min (66ft/min)	Rapid Hoist = 26m/min (85.5ft/min) Rapid Feed = 36.5m/min (120ft/min)	
Rig Capacity	Pullback: 6000kgs	Pulldown: 3250kgs	Hook load (max): 6000kgs
Rotary Head Performance	Option 1 Option 2	Rotation (max) 750rpm Rotation (max) 1290rpm	Torque (max) 12050Nm Torque (max) 5670Nm
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
Main Winch	Maximum single line pull: 2040kgs	Maximum speed: 41m/minute	Drum capacity: 57m of 10mm wire rope
Wireline Winch	Maximum single line pull: 1000kgs	Maximum speed: 120m/minute	Drum capacity: 650m of 6mm wire rope
Coring Pump	Standard: Hydraulically driven triplex pump	Maximum flow rate: 146 litres/minute Maximum discharge pressure: 700psi	
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 12 volt		
Drilling Capacities*	4" RC (25kgs/m) drill rod = 190m 3-1/2" (13.5kgs/m) drill rod = 356m HQ (11.6kgs/m) drill rod = 410m NWY (8.0kgs/m) drill rod = 600m NQ (8.0kgs/m) drill rod = 600m		
Optional Equipment	RC Drilling Conversion Kit - For reverse circulation drilling applications Heavy Duty Winch - Hoisting capacity 6000kg single line pull 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.



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