Dando Drilling International

Dando Multitec 6000

Dando's latest design in compact rig technology incorporating a small foot print with a large and diverse number of drilling options available and can be used for mineral, geotechnical, geothermal and water well drilling. The Multitec 6000 is a truly capable and affordable multi-purpose drilling rig.









aterwel



Dando Multitec 6000

Drilling Rig Specification

of 6m drill rods. Other options available on request Working Dimensions Height: 6174 mm	Carrier Options	Crawler mounted is standard (with a choice of rubber or steel track) but can also be supplied on: Heavy duty commercial 4 x 4 truck - Trailer mounted - Skid - Mounted on customer own support vehicle/structure				
Head Traverse Hoist = Gm/m (20t/min) Rapid Hoist = 26m/min (861/min) Rapid Feed = 365m/min (120t/min) Rig Capacity Pullback: 6000kgs Pulldown: 3250kgs Hook load (max): 6000kgs Rotary Head Standard Rotation (max) 436rpm Torque (max) 6000Nm Other options available Rotation (max) 436rpm Torque (max) 6000Nm Performance Standard -Double acting hydraulic make up available Other options available Main Winch As standard - Double acting hydraulic make up available Other options available Other options available Main Winch Maximum single line pull: 1000kgs Maximum speed: 25m of form wire rope Drum capacity: 25m of form wire rope Wireline Winch Maximum single line pull: 1000kgs Maximum for rate: 34 litres/minute Maximum rope Foam Pump Standard: Hydraulically divenum flow rate: 34 litres/minute Maximum discharge pressure: 750psi Other options available Other options available Intraver options Inline Oil Lubricator Hydraulic power circuit based on load sensing hydraulic pumps and proportional control valves Integer options Driller gaacks Two front and two rear jacks with individual locking valves Integer options Leveling Jacks	Deck Engine	Standard fitting: VM Sun 102 HP diesel engine standard				
Feed = 20.25m/min (66f/min) Rapid Feed = 36.5m/min (120ff/min) Fig Capacity Pullback: 6000kgs Pullcown: 3250kgs Hook load (max): 6000kgs Rotary Head Standard Rotation (max) 436rpm Torque (max) 6000Nm Performance Other options available Torque (max) 6000Nm Prill Table and Break Out System As standard - Double acting hydraulic make up available Drum capacity: 37m of 10mm wire rope Main Winch Maximum single line pull: 2040kgs Maximum speed: 11m/minute Drum capacity: 57m of 10mm wire rope Wireline Winch (Optional) Maximum single line pull: 1000kgs Maximum flow rate: 34 litres/minute Drum capacity: 57m of 10mm wire rope Foam Pump Standard: Hydraulically driven duplex pump Maximum discharge pressure: 750psi Other options available Inline Oil Lubricator Fitted as standard and used when operating a DTH hammer Hydraulic System Hydraulic System Hydraulic power circuit based on load sensing hydraulic pumps and proportional control valves Drillers Control Pilted as standard Big is provided with mast and control panel lighting and the electrical system is 12 volt Drilling Capacities* 4" RC (25kgs/m) drill rod= 100m 31/-(11.6kgs/m) drill rod= 400m 31/-(11.6kgs/m) drill rod= 400m 31/-(11.6kgs/m) drill rod= 600m	Mast Dimensions			Mast dump to 45°		
Rotary Head Performance Standard Rotation (max) 436rpm Torque (max) 6000Nm Other options available Rotary head tilt and side shift Other options available Other options available Drill Table and Break Out System As standard - Double acting hydraulic make up and break out clamp. With minimum clamping diameter of 60mm and a maximum of 250mm Other options available Main Winch Maximum single line pull: 2040kgs Maximum speed: 41m/minute Drum capacity: 57m of 10mm wire rope Wireline Winch (Optional) Maximum single line pull: 2000kgs Maximum flow rate: 34 litres/minute Foam Pump Standard: Hydraulically driven duplex pump Maximum flow rate: 34 litres/minute Foat options available 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 Drule rate of the options available Drillers Control Panel Uncomplicated and user friendly with ergonomic layout mounted on a swing out arm Sig is provided with mast and control panel lighting and the electrical system is 12 volt Drilling Capacities* 4" RC (25kgs/m) drill rod = 410m NQ (8.0kgs/m) drill rod = 410m NQ (8.0kgs/m) drill rod = 410m NQ (8.0kgs/m) drill rod = 400m Sig is provided with mast and control panel lighting and the	Head Traverse	· · · · · · · · · · · · · · · · · · ·				
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Working Dimensions Height: 6174 mm		Mast extension - A detachable mast section that can be fitted to allow the pulling				
		Other options available on request				
Width: (Jacks folded out for working) 2195mm (Jacks folded in for tracking) 1410mm	Working Dimensions	Length: 4106mm Width: (Jacks folded out for working) 2195mm				









* 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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