



Dando Drilling International

Dando Coretec 9000

A high performance dedicated chuck drive drilling rig with 10,000kgf pullback. The track mounted machine's compact and lightweight design allows it to operate in tight spaces with limited access.



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Drilling Rig Specification

Carrier Options	Crawler mounted is standard (with various track options available.) Can also be supplied on: Heavy duty commercial 4 x 4 truck; Trailer; Skid; Customer own support vehicle/structure		
Deck Engine	Standard fitting: CAT C4.4 turbo diesel engine 102hp (142hp available as an option)		
Mast Dimensions	Working mast height using main winch: 5500mm	Working mast using the rotary head: 3700mm	Mast dump to 45°
Head Traverse	Hoist = 6m/m (20ft/min)	Rapid Hoist = 26m/min (85.5ft/min)	
	Feed = 20.25m/min (66ft/min)	Rapid Feed = 36.5m/min (120ft/min)	
Mast Capacity	Pullback: 10000kgf	Pulldown: 3250kgf	Hook load (max): 10000kgf
Rotary Head Performance	Gear	rpm (max)	Torque (max)
	Gear 1 (6.63:1)	196 rpm	4675 nm
	Gear 2 (3.17:1)	410 rpm	2234 nm
	Gear 3 (1.72:1)	756 rpm	1212 nm
	Gear 4 (1:1)	1250 rpm	705 nm
	Hydraulic remote side shift		
Main Winch	Single line pull: 3000kg Double line pull: 6000kg	Maximum speed: 41m/minute	Drum capacity: 57m of 10mm wire rope
Wireline Winch	Maximum single line pull: 1000kg	Maximum speed: 120m/minute	Drum capacity: 1150m of 4.76mm (3/16")wire rope. Other options available.
Coring Pump	Standard: Hydraulically driven duplex pump	Maximum flow rate: 146 litres/minute	
		Maximum discharge pressure: 700 psi	
	Other options available		
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 mounted on a swing out arm		
Rod Spin Safety Guard	Fitted as standard		
Levelling Jacks	Two front and two rear jacks with individual locking valves		
Lighting and Electrical System	Rig is provided with control panel and mast (optional) lighting. Electrical system is 12 volt		
Drilling Depth Capacity*	B (6kg/m) drill rod= 1666m		
	N (8.0kg/m) drill rod = 1250m		
	H (11.6kg/m) drill rod = 862m		
	P (17.33kg/m) drill rod = 577m		
Optional Equipment	Mast extension - A detachable and foldable mast section that can be fitted to allow the pulling of 6m drill rods/ core barrels.		
	Rod Handler - For increased safety when loading drill rods.		
	Track options: Option 1=Triple grouser. Option 2=Single grouser. Option 3=Rubber plate		
Working Dimensions	Length: 5000mm Width: (working) 2200mm (travelling) 1420mm		



* Depths stated are theoretical and based on 100% capacity of the machine. Depths achieved will depend on variables including ground conditions and capability of crew operating the machine.

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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