



CABLE PERCUSSION DRILLING RIG

Dando 4000



The Dando 4000 cable percussion (shell and auger) rig uses a straight-forward technique to drill in soft to medium conditions. A manual clutch-operated free fall winch is used to drill, run casing and bail. This unit is a high-powered rig with a 4000kg pullback capacity fitted with full clutch and winch guards.

Specifications

Engine Type:	Hatz 2L41C. Engine has a 3:1 gearbox fitted.
Power:	19.3 Kw (25.9HP) @ 1870 rpm
Output Torque:	100Nm @ 1870 rpm
Max Derrick SWL:	9000kg
Winch Single Line Pull:	4000kg

In-Situ Tooling Capabilities:

Standard Penetration Testing, U100 Sampling, Piston Sampling, Vane Shear, Pressuremeter

Dimensions

Engine & Winch Unit (l x w x h):	2.44m x 1.62m x 1.38m
Mast Unit (l x w x h):	6.70m x 1.80m x 1.10m
Derrick working height under sheaves:	5.5m
Overall height derrick erected:	6.87m
Travelling dimensions (length):	8.5m

Drilling Depths and Diameters (16mm rope)

6 Inches (150mm):	90m	8 Inches (203mm):	60m
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Consumables and a full system of downhole tooling are sourced from reliable international suppliers.

As per Manufacturers' Specification