



DANDO 4000

Cable Percussion Drilling

Engine type	HATZ 2L41C fitted with 3:1 gearbox
Power	19.3 Kw @ 1870 rpm
Pull back	4000 kg
Output torque	100 Nm @ 1870 rpm
Maximum derrick SWL	9000 kg
Winch single line pull	4000 kg
Engine/winch height	1.38 m
Engine/winch length	2.44 m
Engine/winch width	1.62 m
Mast height	1.10 m
Mast length	6.70 m
Mast width	1.80 m
Derrick working height under sheaves	5.50 m
Overall height derrick when erected	6.87 m
Travelling dimensions	8.50 m
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Drilling depths and diameters (16 mm rope)	
6 inches (150 mm)	90 m
8 inches (203 mm)	60 m



The Dando 4000 cable percussion (shell and auger) rig uses a straightforward 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 4000 kg pullback capacity fitted with full clutch and winch guards.

In situ capabilities include:

- Standard penetration testing;
- U100 sampling;
- Piston sampling;
- Vane shear;
- Pressuremeter.