



# Dando Drilling International



water well



cable  
percussion

## Dando Buffalo 4000

Using the straightforward but incredibly effective cable percussion drilling technique, the Dando Buffalo 4000 is a cost effective drilling rig perfect for installing hand pumped water wells in areas of poor infrastructure and difficult terrain.



# Dando Buffalo 4000

## Drilling Rig Specification

<b>Hoist capacity, single line fall</b>	4000kg
<b>Max derrick SWL</b>	9000kg
<b>Engine power output</b>	25.9hp
<b>Travelling dimensions</b>	
<b>Length</b>	8.5m

## Maximum Drilling Depths\*

<b>With 6" casing</b>	90m
<b>With 8" casing</b>	60m

## Features

**Low cost** - no need to circulate a drilling fluid using a mud pump and no need for a compressor.

**Simple to operate** - good rates of production. Greater success in difficult, collapsing geological conditions.

**Tough and long lasting** - built to last for decades.

**Easy to maintain** - fewer wearing parts.

**Minimal backup** - requires minimal back-up due to the design and selection of components.

**Winch and power unit** - winch powered by Lister diesel engine backed by worldwide service. Driven by roller chain through hand operated clutch giving "snappy" drilling action and allowing driller to retain "feel" of drill load. Powerful foot brake allows easy and precise control. Second sheave allows handling of sampling and testing equipment and for ease of reeving a hoist block for withdrawing casing.

**Derrick** - fabricated from box section steel, rear legs are hinged on winch frame and cross braced. Front legs secured at top on double pivot joints, strong brace bar with large skid feet joined to the base of the front legs.

**Tooling** - rig packages can be supplied with a full range of tools including bits, casing, rods etc. All packages are tailored to suit your needs.

**Training** - available from experienced Dando engineers.



\* Dependant on drilling conditions. Figures provided are as a guide only.

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.

Dando Drilling International Limited  
www.dando.co.uk  
info@dando.co.uk

tel: +44 (0)1903 731312  
fax: +44 (0)1903 730305