



# Dando Drilling International

## Dando Terrier Multipurpose Rotary Drilling Rig

This addition to the Dando Terrier extends the rig's range of use to include continuous flight augering, tricone and drag bits and rotary core drilling as well as DTH hammers. The Dando Terrier can now offer versatility of a multi-purpose drill rig - and remain small enough to fit through a standard doorway.



# Dando Terrier Multipurpose Rotary Drilling Rig

## Dando Terrier Rotary - General Specifications

Comprising:

### Hydraulic Rotary Drilling Head

Driven by hydraulic motor fitted with a 7:1 ratio gearbox with manual gear change providing full controlled power and rotational speeds in forward or reverse with integral side inlet water swivel with BW Rod connection fitted to travelling carriage plate with bolts.

### High Range

Maximum Torque: 125 ft/lbs 170Nm

Maximum Spindle Speed: 312 r.p.m.

### Low Range

Maximum Torque: 780 ft/lbs 1059Nm

Maximum Spindle Speed: 50 r.p.m.

### Mast and Carriage Assembly

Fabricated welded steel box section construction fitted with a pair of rubber wheels and two levelling jacks. Hydraulically raised and lowered by single double acting ram on the main Terrier undercarriage and attached when required to main Terrier undercarriage via Pivot Frame Assembly.

Overall length/height: 2.4m - 3.5m

Guide Ring: 160mm effective ID

### Feed and Hoist System

Provided by single double acting ram transmitting adjustable hydraulic load to the rotary head.

Stroke: 2.3m to accommodate 2.0m effective length drill rods

Stroke: 1.6m to accommodate 1.0m effective length drill rods

Feed force: 1000Kgf

Hoist force: 7000Kgf

### Controls and Hydraulic Power

Hydraulic functions of hoist/feed and rotation are controlled from main hydraulic control valve on the Terrier and hydraulic power is supplied via PTO from the main Terrier hydraulic power pack.

Weight of Dando Terrier base assembly: 754kg

Weight of rotary head mast assembly attachment:

Long Mast 2.3 Stroke: 359kg

Short Mast 1.6 Stroke: 265kg

### Jack Legs

Set of stabilising jacks.

