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 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/feet 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.

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.