



Dando Drilling International

Angle Drilling Dando Terrier

The compact, versatile Dando Terrier is now available fitted with a hydraulic mast dump allowing the rig to drill to 50m at angles of up to 45 degrees from vertical.





The Angle Drilling Terrier is available supplied with a track mounted compressor providing 400 cfm at 145 psi.



The Terrier's ultra-small footprint and easy maneuverability means the rig causes very little disturbance to its surroundings.



Made in England
since 1867

Dando Drilling International Limited
www.dando.co.uk
info@dando.co.uk
tel: +44 (0) 1903 731312
fax: +44 (0) 1903 730305

Hydraulic Rotary Drilling Head

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

High Range

Maximum Torque: 155.6 ft-lb, 211Nm

Maximum Spindle Speed: 360 r.p.m.

Low Range

Maximum Torque: 1089 ft-lb, 1477Nm

Maximum Spindle Speed: 52 r.p.m.*

*Various motor options available

Guide Ring: 170mm effective ID (other options available)

Mast and Carriage Assembly

A fabricated welded steel box section construction fitted with two wheels and two levelling jacks. Hydraulically raised and lowered by a single double-acting ram on the main Terrier undercarriage and attached via the pivot frame assembly.

Drilling Angle: 45-90 degrees

Dump Stroke: 400mm

Feed and Hoist System

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

Stroke: 2.2m to accommodate 2.0m effective length drill rods.

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

Feed Force: 500kg

Drilling Depth Capacity: 50m+

Controls and Hydraulic Power

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

Weight of Terrier Base: 754kg

Weight of Rotary Mast:

Long Mast 2.2 Stroke: 359kg

Short Mast 1.6 Stroke: 265kg

Drilling controls are located at the front of the rig allowing a good view of the drill string and safe operation of the rig when connecting up additional tooling. There is also an emergency stop located at the front and rear of the rig.

Compressor Unit

Mounted on tracks, the compressor unit provides 400cfm at 145psi.

Quick Connect Circuit

A quick connect auxiliary circuit is fitted as standard to the Terrier hydraulic system. The circuit is protected by a separate pressure relief valve and has a variable flow control valve fitted to the control panel for fine control.

Jack Legs

Set of stabilising jacks.

Options

Chalwyn valve and spark arrestor

Wireless remote for tracking

Casing extractor

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.



Made in England
since 1867

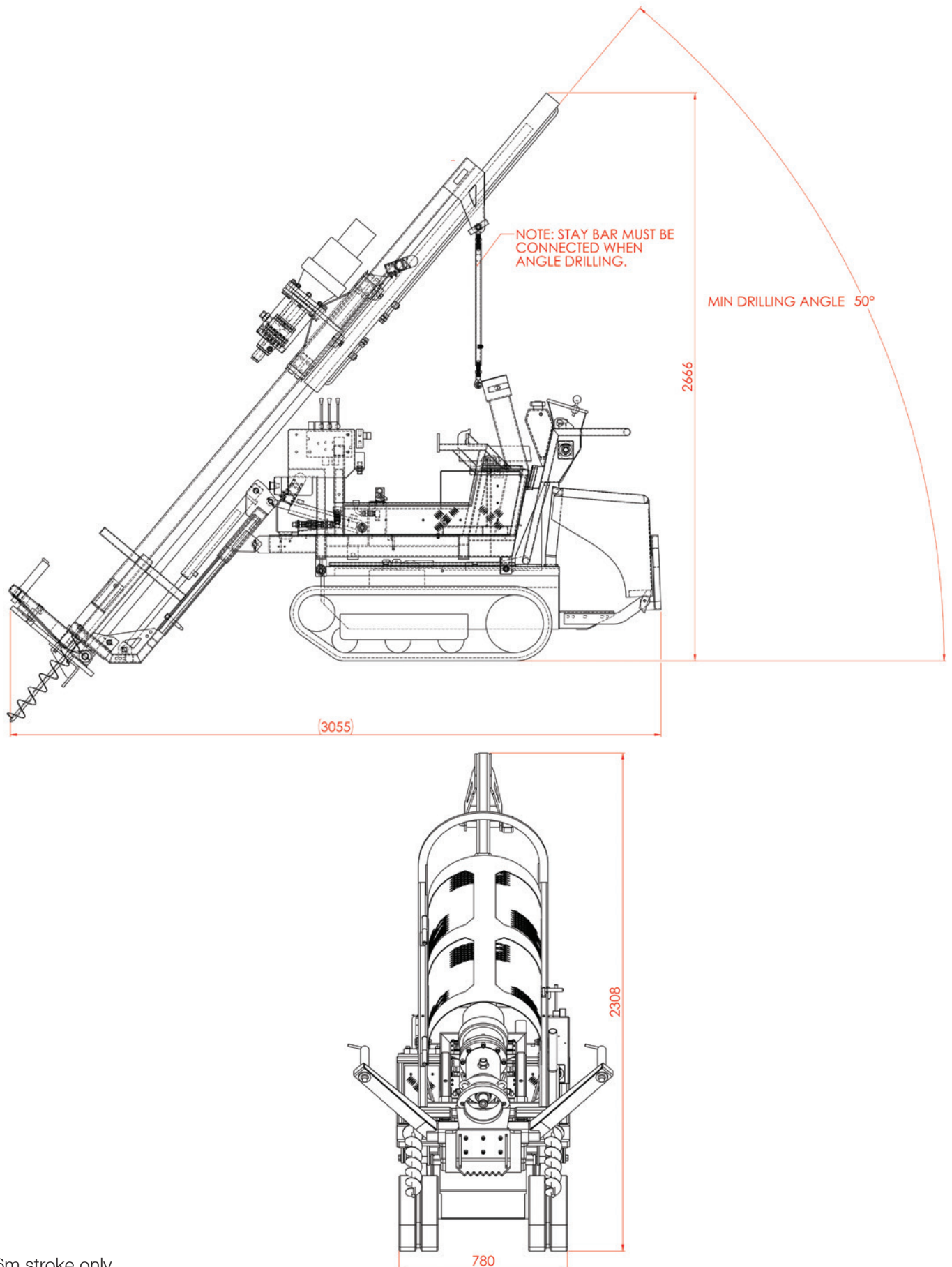
Dando Drilling International Limited
www.dando.co.uk

info@dando.co.uk

tel: +44 (0) 1903 731312

fax: +44 (0) 1903 730305

Dimensions



* 1.6m stroke only



Made in England
since 1867

Dando Drilling International Limited
www.dando.co.uk
info@dando.co.uk
tel: +44 (0) 1903 731312
fax: +44 (0) 1903 730305