



Dando Terrier

The ultra-small, compact Dando Terrier rig has been designed specifically for sampling and testing for geotechnical and environmental analysis and is crawler mounted for easy site access in difficult conditions.



Operation

The drill rig can be driven from a platform on the back of the unit. Where only narrow access is available, the wheel mounted mast with drop hammer unit can be detached from the main crawler based chassis and wheeled through small openings. With hydraulic quick connectors and extension hoses, the drill unit can be used remotely up to 30m from the base unit. The system is equipped with a PTO to connect other hydraulic tools including concrete corers, small breakers, etc.



Coring

Concrete coring head- useful when concrete and tarmac overlie the area to be sampled. A maximum coring diameter of 150mm can be achieved.



Slopes

Hydraulic tilting undercarriage allows operation on inclined slopes up to 30 degrees from horizontal.

Features

Duplex cased drilling, Typical drilling depths 5m to 6m, 15m maximum drilling depth, 25m to 30m drilling per day, Monitoring well installations, Standard Penetration Tests (SPT/CPT), Dynamic Probing (DP/SHDP), Concrete coring.

Windowless Sampler Diameters

70mm	79mm	92mm	101mm	116mm
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Technical Data

Terrier Rig Dimensions

Length - 2500mm

Width - 800mm

Height (mast raised) – 2900mm

Height (Mast Lowered) – 1500mm

Weight – 1050Kg

Pull down – 1000Kg

Pull back – 7000Kg

Trip hammer speed – 0 to 50 blows/min

Trip hammer drop – 500mm (dynamic probing)

Trip hammer drop – 700mm (SPT)

Trip hammer weight – 50Kg (dynamic probing)

Trip hammer weight – 63Kg (SPT)