

Technical Data – Coring and Diamond Drilling



Cage removed for illustrative purposes.



We operate a range of rigs to provide core samples from various concrete surfaces or structures so that investigation, laboratory testing or analysis can take place.

Our trailer mounted ‘Neptune Excalibur’, diesel-powered rig can be used on footways, highways and areas of hard-standing (concrete or blacktop) where there is free vehicular access. The rig can be fitted with core barrels up to 300mm (12”) for use in confirming pavement layer thicknesses or composition.

The rig is fitted with hydraulic outriggers to allow fast, accurate levelling when setting up to core.

We frequently conduct highway & pavement coring, often in conjunction with in-situ testing (e.g. CBR tests).

All highway works are carried out by NRSWA Streetworks qualified personnel. Any required reinstatement is undertaken according to the Specification for the Reinstatement of Openings in the Highway (SROH) procedures.

If vehicular access is not available and/or for work inside structures, we operate Hand-held, frame and tracked, barrow mounted electric (110v) rigs. These also allow horizontal and inclined coring of concrete structures. We operate a range of barrel sizes from 50-200mm, in lengths up to 500mm, with extension rods if required.

Excalibur Neptune

Travelling dimensions – length (mm)	3550
width (mm)	1800
height (mm)	2005

Note: All dimensions are approximate and should be checked prior to mobilisation to site

Southern Testing Head Office
East Grinstead
Tel: 01342 333100
enquiries@southernesting.co.uk

ST Consult Midlands
Northampton
Tel: 01604 500020
creaton@stconsult.co.uk

ST Consult North West
Warrington
Tel: 01925 661 700
warrington@stconsult.co.uk

ST Consult South West
Swindon
Tel: 01793 441 522
swindon@stconsult.co.uk



FS 29280

EMS 506775

OHS 506776

