

20 TONNE CPT TRACK TRUCK (CPT 025)

Our track-truck, CPT 025, 'Toni', is a versatile CPT rig which can be utilised on most site locations. This rig has the option of converting between wheels and metal tracks depending on the terrain, access and site specifications. It weighs 20 tonnes and can push up to 100- 150 metres per day, depending on the ground conditions.

CPT RIG DETAILS

DRIVE SYSTEM	4x4 WHEEL DRIVE AND TRACKED
TOTAL WEIGHT	20 TONNES
GROUND BEARING PRESSURE	75kPa
CPT RAM THRUST CAPACITY	20 TONNES
MAXIMUM PENETRATION	30-40M DEPENDING ON THE GROUND CONDITIONS.
PERFORMANCE RATES	100-150M OF TESTING IN A DAY DEPENDING ON ACCESS TO POSITIONS.
TYPICAL SITES FOR THIS RIG	HARDSTANDING AND NON HARDSTANDING SITES DUE TO WHEELED / TRACKED OPTION.

CPT RIG DIMENSIONS



TOTAL LENGTH = 8349MM



TOTAL HEIGHT = 3717MM

TOTAL WIDTH = 2550MM



Suffolk



Bedfordshire



Yorkshire

PROJECT REVIEW

SOMERSET, ENGLAND

In Situ Site Investigation carried out Cone Penetration Tests (CPTs) and Magnetometer Tests for a 5-day project in Somerset where 'Toni', CPT 025, was utilised. The client specifically requested the use of a 'track-truck' for this investigation because the rig was needed to cross and travel along public roads in order to reach the required locations. These were spread across a wide area of fields where the tracks were also necessary with the majority of the site being open grassland. The site was also effected by standing surface water within the fields so being able to switch easily between tracks and wheels was fundamental to enable the project to run within the required timeframe.

The purpose of the site investigation was to inform piling and foundation design for further development of industrial units. CPTs were undertaken to form part of the GI where tests went to depths of between 15.57m and 18.38m through topsoil, tidal flat deposits and mudstone.



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