

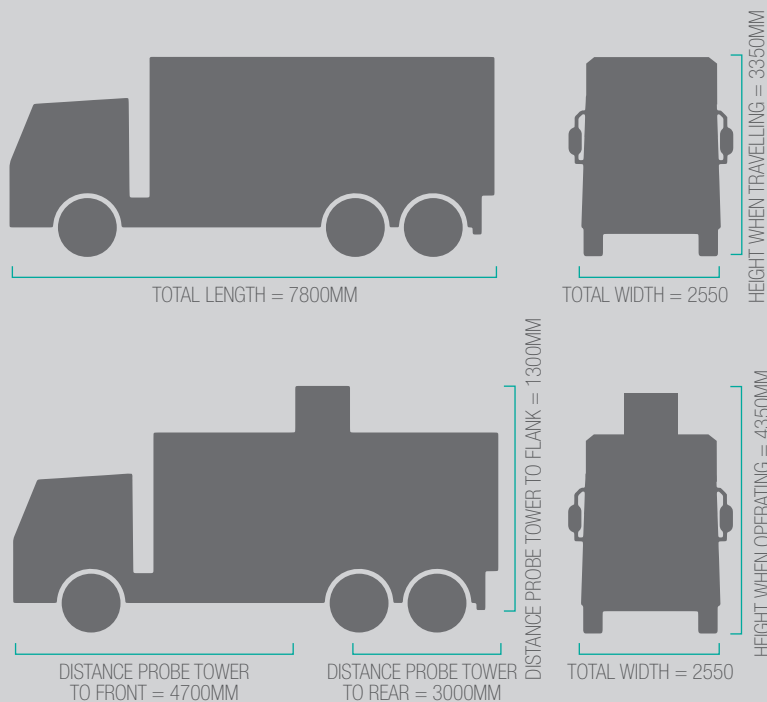
## 21 TONNE WHEELED RIG (CPT010)

This rig is ideal for geotechnical testing on hardstanding sites such as car parks, motorways and docks. Fitted with reflective yellow and red chevrons, these high visibility rear markings meet the 'Chapter 8' requirements for vehicles working on highways. In addition, there are beacons fitted to the front and strobes to the back corners to ensure further safety and visibility for night work on the motorways. This efficient truck is capable of pushing to a depth of 30 to 40 metres depending on the ground conditions of the site. Furthermore, the interior is large enough to house our MiHpt equipment for environmental testing.

### CPT RIG DETAILS

<b>DRIVE SYSTEM</b>	6 X 2 WHEEL DRIVE
<b>TOTAL WEIGHT</b>	21 TONNES
<b>GROUND BEARING PRESSURE</b>	75KPA
<b>CPT RAM THRUST CAPACITY</b>	20 TONNES
<b>MAXIMUM PENETRATION</b>	30-40M DEPENDING ON THE GROUND CONDITIONS.
<b>PERFORMANCE RATES</b>	100-150M OF TESTING A DAY, DEPENDING ON ACCESS TO POSITIONS.
<b>TYPICAL SITES FOR THIS RIG</b>	HARDSTANDING SITES E.G. ROADS INCLUDING MOTORWAYS, CAR PARKS, DOCKS. DRY NON HARDSTANDING SITES.

### CPT RIG DIMENSIONS



## PROJECT REVIEW

As detailed overleaf, CPT010 meets the 'Chapter 8' requirements for working on UK highways and motorways.

In Situ Site Investigation was asked to carry out a project for the Smart Motorways Scheme on the M4 between Junctions 3 and 12. A series of 44 CPTs were completed over a total of 18 night shifts by our highly experienced staff.

The reason for the investigation was to determine the suitability of the ground for new signs, stanchions and gantries.

The CPTs ranged from 9 metres to 21 metres as some were stopped due to the presence of very dense gravels. We also discovered layers of chalk and clay and were able to produce a detailed report of the ground conditions for our client.



**IN SITU SITE INVESTIGATION**  
Innovation Centre, Highfield Drive, St Leonards On Sea,  
East Sussex, TN38 9UH, UK

T: +44 (0) 845 862 0558  
E: [info@insitusi.com](mailto:info@insitusi.com)