

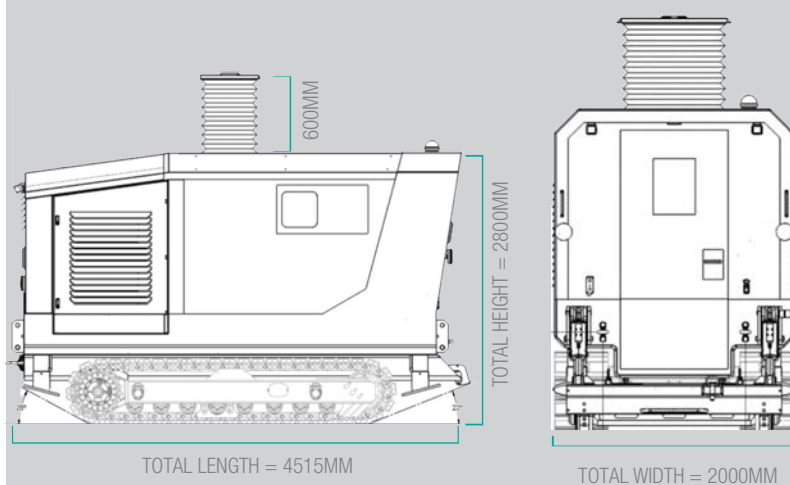
13.6 TONNE CPT TRACK MOUNTED RIG (CPT 024)

CPT024, 'Sonic', is one of our smaller tracked CPT rigs with a total weight of 13.6 Tonnes. It is able to push up to a depth of 30-40 metres, depending on the ground conditions. It has low ground bearing pressure due to the width of the tracks and is ideal for soft, boggy sites which are inaccessible for wheeled CPT rigs. Furthermore, this rig is remote controlled which enables it to be positioned accurately on each test location.

CPT RIG DETAILS

DRIVE SYSTEM	TRACKED BY REMOTE CONTROL
TOTAL WEIGHT	13.6 TONNES
GROUND BEARING PRESSURE	50kPa
CPT RAM THRUST CAPACITY	13 TONNES
MAXIMUM PENETRATION	30-40M DEPENDING ON THE GROUND CONDITIONS.
PERFORMANCE RATES	120-150M OF TESTING IN A DAY DEPENDING ON ACCESS TO POSITIONS.
TYPICAL SITES FOR THIS RIG	OFF ROAD SITES E.G. BEACHES, UNEVEN MUDDY GROUND. HARDSTANDING SITES

CPT RIG DIMENSIONS



PROJECT REVIEW

SOMERSET, ENGLAND

'Sonic', CPT 024 was utilised on a three-day project in Somerset. A local council are proposing to build a state-of-the-art waste and recycling centre which would encourage residents to recycle more to help tackle the climate emergency.

We were asked to complete 13 CPTs around the perimeter of the proposed new buildings. Tests reached depths of between 9-12 metres through clay before reaching a layer of limestone.

The current site is also home to several colonies of slow worms so we had to liaise closely with environmental teams when carrying out the tests to cause minimal impact to these local residents, which will be rehomed before building work commences. Tests were carried out along single lines to reduce tracking manoeuvres and locations moved slightly away from hedge lines and longer grass areas where the slow worms reside. CPTs were ideal for this project as they leave little impact on the environment and Sonic's low weight and ground bearing pressure was particularly beneficial for having minimal impact on the slow worms' habitats.



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

