

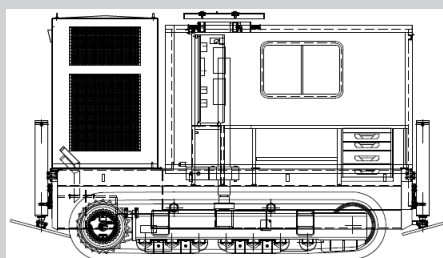
12.5 TONNE CPT TRACK MOUNTED RIG (CPT 030)

CPT030, 'Rose', is one of our smaller tracked CPT rigs. With a total weight of 12.5 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 and safely on each test location.

CPT RIG DETAILS

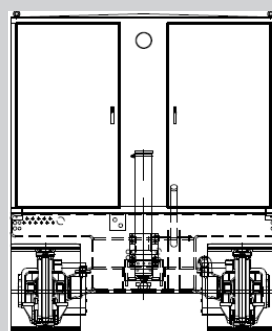
DRIVE SYSTEM	TRACKED BY REMOTE CONTROL
TOTAL WEIGHT	12.5 TONNES
GROUND BEARING PRESSURE	30kPa
CPT RAM THRUST CAPACITY	12.5 TONNES
MAXIMUM PENETRATION	30-40M DEPENDING ON THE GROUND CONDITIONS.
PERFORMANCE RATES	120-150M OF TESTING IN A DAY DEPENDING ON ACCESS TO POSITIONS.
TYPICAL SITES FOR THIS RIG	OFF ROAD SITES E.G. BEACHES, UNEVEN MUDDY GROUND. HARDSTANDING SITES

CPT RIG DIMENSIONS



TOTAL LENGTH = 4950MM

TOTAL HEIGHT = 2829MM



TOTAL WIDTH = 2300MM



PROJECT REVIEW

EAST OF ENGLAND

Rose, CPT 030, completed a specialised site investigation project in the East of England. The works, a longer-term project of 34 days on site, provided over 80 CPTs including seismic and dissipation tests.

Site work specifications were for the proposal of two converter stations for electricity links across the country. The ground proved to have soft layers near the surface as well as at depth and testing went to depths of over 30m. Dissipations were completed in the softer layers to calculate consolidation parameters. Seismic tests were also undertaken to determine the shear wave velocity of the ground.

Rose was ideal for this site as our client needed a CPT rig with rubber tracks as travel on location was on a track way on a farmer's field. One of our lighter tracked rigs, Rose was able to navigate locations easily and without damage to the local environment.



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