

UK19 MINI CRAWLER RIG



Ideal for sites with challenging access, this rig has previously been utilised in London's residences. The rubber tracks provide the rig with a low bearing pressure making it suitable for soft terrain whilst causing minimal tracking damage.




The mini-crawler has 4 ground anchors (0.5 m in length) which screw into the ground to give a reaction force.

The mini crawler is suitable for projects on rivers, canals, flood and sea defenses/embankments and other sites where access is difficult for conventional rigs.

Performance Rates

Up to 50 m of standard CPTu testing can be executed in a day (dependent on site conditions and access).

Applications

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|  Specialist testing |  Installations |  Sampling |
| • Seismic | • VWP | • MOSTAP |
| • Pressuremeter | • Piezometer | • Shelby |
| • Magnetometer | • Inclinator | |
| • Video cone | | |

TECHNICAL DETAILS

Rig Weight	1.1 T
Length	2.75 m
Width	0.75 m
Minimum Travel Height	1.5 m
Minimum Working Height	2.5 m
Maximum Operating Ram Capacity	12 T
Maximum Travelling Speed	2.6 – 4.0 km/h
Track Material	Rubber
Track Length	1.15 m
Track Width	0.18 m
Footprint Of Tracks	1.15 x 0.75 m
Maximum Ground Bearing Pressure	Tracking / Pushing – 27 kPa
Maximum Testing Gradient	Flat (No Self-Levelling)
Noise Output at 2 m	Testing – 76 dBA
Noise Output at 5 m	Testing – 62 dBA
Clamp Arrangement	36 Ball Clamp
Ram Stroke	0.70 m

