METRO PILING GROUP

The Mini Super Kitten Rig is a fully hydraulic, purpose built piling rig, designed and built for the installation of Continuous Flight Auger (CFA) piles to a maximum diameter of 350mm and open auger bored piles, using both temporary and permanent casing, up to a maximum diameter of 220mm, bored by a mast mounted rotary

SUPER KITTEN

METRO PILING GROUP

contact our team for more information on the SUPER KITTEN RIG and to discuss whetherit'sthemostsuitablerigforyourproject. All dimensions are subject to machineconfiguration.

TECHNICAL DATA

METRO PILING GROUP

RIG SPECIFICATIONS

Specification	Value
Weight	1900 kg
Nominal ground bearing pressure under tracks	47.5 kPa
Max ground bearing pressure under foot at max tear out	400 kPa
Tractive effort	4300 N
Travelling speed	0.65 m/sec
Crowd force	15 kN
Retract force (Tear-out)	40 kN
Feed speed	6 m/min
Feed length	1400 mm
Clamp force	75 kN
Clamp maximum diameter	305 mm or 355 mm

NOISE LEVEL

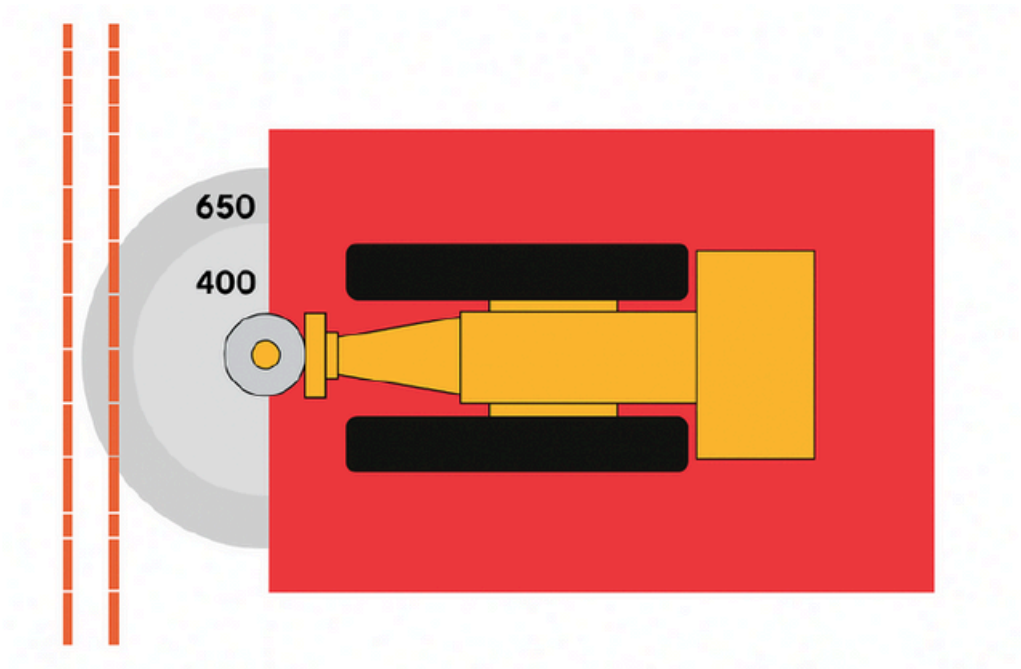
Distance	Idle (dB(A))	Max Rev (dB(A))
2 m	78	86
4 m	75	84
10 m	72	78

POWER PACK

Specification	Value
Weight	1100 kg
Engine	Hatz 60 HP Silent Pack
Hydraulic Pump	Rexroth A10VO H.P. controlled
Maximum System Pressure	240 bar
Maximum Flow Rate	175 ltr/min
Control System	Danfoss load sense
Hydraulic Oil Tank Capacity	250 ltr
Fuel Tank Capacity	125 ltr

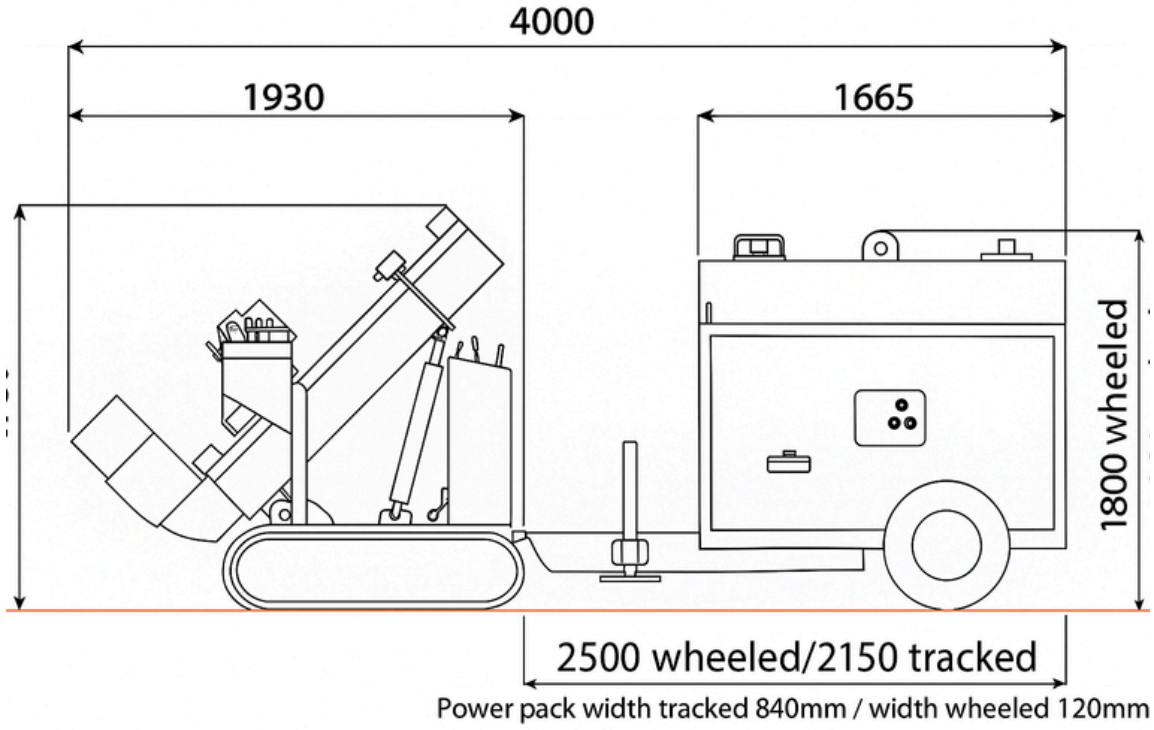
Typical Rig Operating Distances

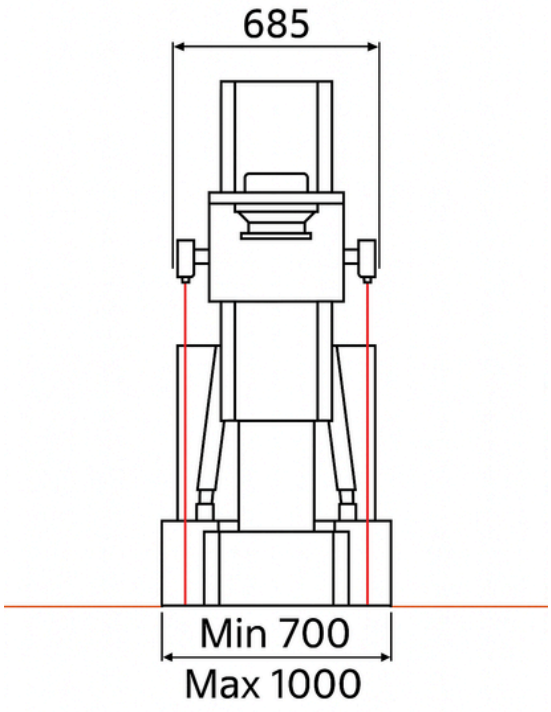
Minimum distance from face of wall to centre of pile

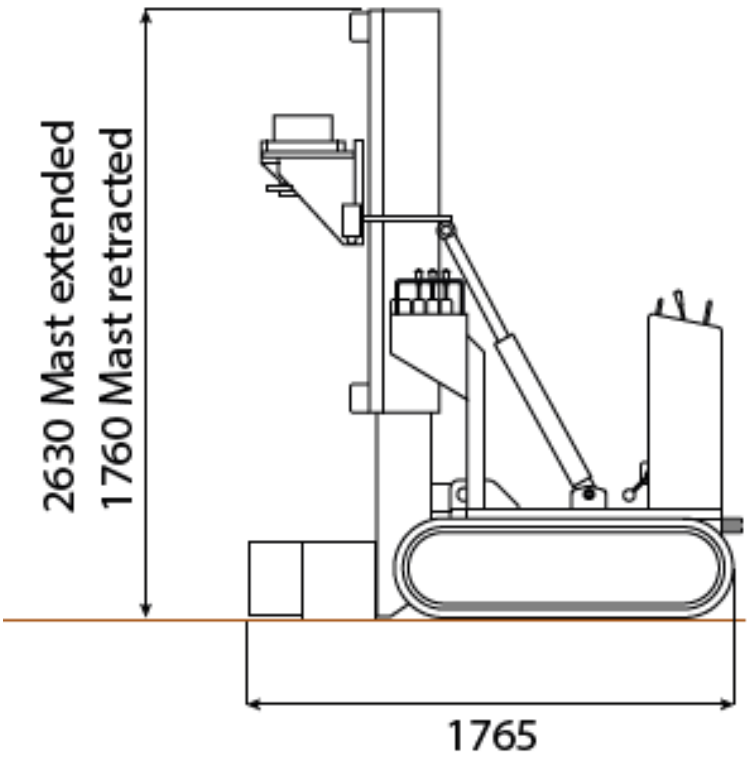


Much tighter tolerances can be achieved than indicated above, as tight as 100mm from the face of a pile to an existing wall subject to access and piling rig orientation. please call us for job specific requirements.

SUPER KITTEN DIMMENSIONS







The power pack can be located typically 25m from the rig, this can be extended up to 50m (power losses will be experienced from the rig at 50m).

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