

Unwin Mini Kitten Rig

Rotary Auger/Drilling Piling Rig



Max CFA Pile Diameter	mm	300
Max Open Auger	mm	220
Operating Width	mm	750-1,000
Operating Weight	ton	1
Operating Height	m	2.1-2.5
Transport Height	mm	1,850
Power Pack Width	mm	1,300
Power Pack Height	mm	1,500
Power Pack Weight	Kg	1,000

These fully hydraulic, purpose built piling rigs are designed and built for the installation of Continuous Flight Auger Bored Piles to a maximum diameter 300mm and Open Auger Bored Piles, using both temporary and permanent casing, up to a maximum diameter of 220mm, bored by a mast mounted rotary head delivering a torque of up to 5,000Nm. The diameter of Open Auger Bored Piles can be increased to 400mm in certain cases by slight workshop modification. The rig is also capable of drilling using both the Duplex and Odex techniques and also drilling through obstructions and hard ground with Down The Hole Hammer (DTHH) equipment. The hydraulic mast can be extended / retracted to permit piles to be installed in very limited headroom. The rig is powered by a hydraulic power pack that is towed behind the rig, but can be located up to 50m from the rig during pile installation. The retractable rubber tracks and fully raking mast ensure that the rig can be tracked through a standard doorway to a working area.

