



WHAT WE KNOW BEST!
CONCRETE CUTTING
 All aspects of Concrete Cutting, Drilling, Breaking and Removal
 Canterbury's most experienced concrete cutters

349-7878
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FREE QUOTES

"The latest equipment for the latest challenges"

Wire Saw – Latest technology, high frequency electrical wire saw

A lightweight yet powerful rig with the capability to cut through anything concrete. Concrete beams, columns, walls large and small. Our wire saw is ideal for deconstructing multi storey buildings quickly and efficiently piece by piece.

The rig has 11m of wire storage and consists of a small control box, which is light weight with load sensing capability which removes the possibility of operator error. The light weight nature of the rig allows for fast and efficient set up, getting jobs done quickly yet safely. Powered by 3 phase this allows for fumeless cutting.

The wire saw unit is operated by wireless remote control which allows for operation from a safe distance, away from the wire and object being cut.

A highly versatile piece of equipment, built for efficient cutting of almost any concrete object large and small.



Wall Saw –

Large diameter saw which can cut up to 550mm deep. This saw can be wall or floor mounted, we have even mounted it upside down to cut on a ceiling. It is lightweight yet powerful with 29hp at the blade for cutting. Powered by a 3 phase hydraulic power pack this saw can be set up quickly and efficiently and operated by 1 person.

The saw can be operated remotely allowing the operator to be at a safe distance from the blade and object being cut. This also allows for cutting in confined spaces.

Big Foot Drill Rig – For those really deep holes – Up to 20m Deep!

A large scale drill rig "Big Foot", allows for drilling of holes up to 20m deep. The rig can also cater for 800mm diameter drilling.

It is ideal for drilling through stonework, concrete, walls, columns, floors etc for pinning for earthquake strengthening.

The rig has an 'auto feed & retract' system which gives the rig the capability to remove the core by itself rather than the need for and cost of a crane.

Driven from a 3 phase electrical power pack the 20kw unit provides ample power to drive the hydraulic motor and auto feed and retract system. With the power pack and drill motor combined it has the capability of 12 speeds allowing for variable drilling speeds for whatever the drill may encounter.



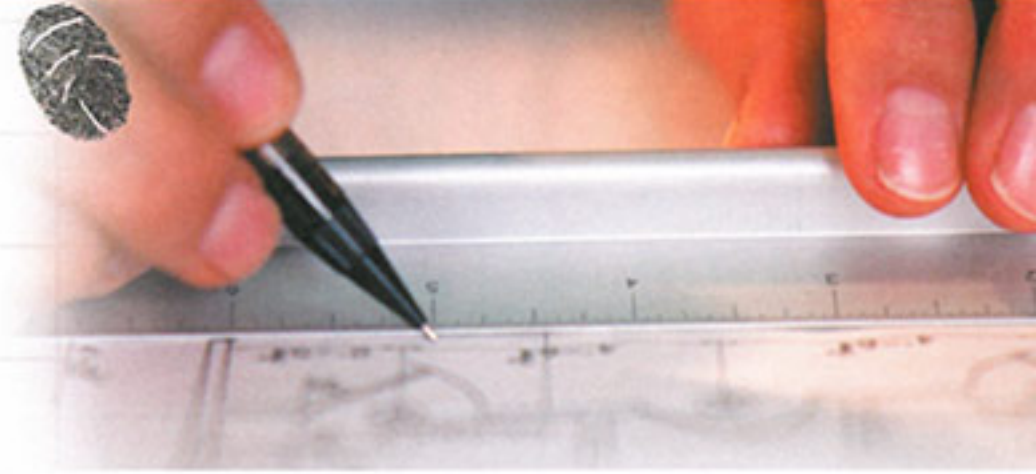
Crusher – Hand held crusher for breaking and removing in confined spaces and noise sensitive areas.

A hand held crusher is an exceptional tool for breaking and removing concrete from hard to reach places or confined areas . Essentially two breaker pincers are forced together hydraulically to 'bite' off concrete blocks into manageable pieces for removal.

The crusher is ideal for areas where diggers cannot reach, or where small breakers are too noisy – the only sound from the crusher is that of falling concrete. The crusher is operated by two people, and can demolish walls etc very efficiently.

This unique tool is also well suited for sites that operate 24/7 where shutdowns, or disruptions are difficult, with no fume emission and minimal noise our crusher has even been used in hospitals whilst they are in full operation.

Concrete retreating working without noise, dust, vibration and coolant water. For wall thickness of 120 to 300 mm. An ideal additional device by narrow space conditions. Biting force up to 30 tons. Low weight through high-strength aluminium body. Immission free working. Different pressing-heads as accessories. TECHNICAL DATA Biting force 30 tons Weight 47 kg Wall thickness 120-300 mm Accessories Distance washers 25 mm and 50 mm Pressure head for walls < 150 mm on request Special head-step demolition on request Transport rollers on



Custom Project - Holer BIG FOOT Drilling Rig



Simon Holer
Production Manager
Director

Concut identified a need for a Drill Rig capable of drilling extremely deep holes, ideally suited to pinning holes for Earthquake strengthening, drilling through columns and deep floors. The Rig also had to allow hole cores to be removed without the need for a crane, be set up quickly and more importantly provide a cost effective solution for our clients. Concut approached Simon Holer from Holer Diamond Tools in search of a Drilling Rig capable of drilling holes up to 800mm in diameter and up to 20 meters deep.

We also needed the following;

- Adjustable to suit varying angles
- "Light-Weight" Machine
- Compact
- Precision for Drilling Depths
- Reliability

After considering and designing several concepts, Simon Holer & Phil Mayers designed a system that would suit all of the customer's requirements. A rolling core drill centering clamp was developed and intergrated with a Hydrostress Wallsaw track and FZ saddle, which has proven itself on numerous special application projects. To help with the rigs reliability an upgraded hydraulic travel motor was selected to give 700kg of lifting power, at 25 metres deep the drilling conditions were anybody's guess! The Holer DMH 600 Hydraulic 4 Speed Drill Motor performed incredibly well. After careful consideration and testing the B750 Diamond Segments were selected and combined with the precision Screw Barrels, all manufactured in-house.



ABOVE: Simon Holer, Phil Mayers & Fred Holer standing with the two completed BIG FOOT drilling rigs.
BELOW: (All) Pictures from the manufacture & testing of the rigs.

BELOW: Core Catcher System



BELOW: Outrigger Guide



Holer Diamond Tools takes pride in being able to design and manufacture custom tooling and machinery to suit any customer requirements. Short lead times and quality products are achievable through a dedicated Production Team.

Please contact your Holer Representative for any special project requests.

