

### Concrete Removal

**A**s a building or industrial plants usage changes, there is often a requirement for concrete to be removed, openings formed in floors and/or walls and holes formed for new service pipes. The most efficient way of doing this is using concrete cutting and drilling techniques. Lowery Supa Cutters Ltd has many different types of machine to help you with your concrete removal problems.



9 tonne part of plant room being removed 19m above ground (All cutting was done from the inside)

#### Wire Saw

This machine is used to remove large slabs of concrete or on floors and walls where the concrete is too thick for concrete saws to cut. Lowery Supa Cutters has cut out slabs of concrete 4 meters thick. Unlike other pieces of concrete cutting equipment, the wire saw is quiet, so is often used in situations where site conditions require that noise is kept at a minimum, for example Hospitals.

#### Wall Saw

Lowery Supa Cutters has four of these. They can cut to a depth of over 700mm. From one side they cut an extremely accurate line.

#### Floor Saw

We have 20 of these machines. The biggest is capable of cutting to a depth of 600mm.

#### Drilling

We can drill holes up to 750 mm diameter and almost any depth.

#### Specifications.

Wire Saw  
To almost any depth.

Wall Sawing  
To 700mm. deep.

Floor Sawing  
To 600mm. deep.

Drilling  
To 750mm. Diam..

Drilling  
To almost any depth

Concrete Removal

Controlled Demolition

### Concrete Slurry Control

**C**oncrete cutting and drilling operations produce a lot of concrete slurry. Concrete slurry is basically water that contains calcium carbonate and ground up rock in suspension. As such it has a high pH. This water is not allowed to enter a sewer, a stormwater or a natural waterway.

As the slurry stops moving, the ground up rock will very quickly settle out of suspension. If this happens in a waterway it will choke up the plants and gills of the fish, or if it is in your stormwater or sewer, it may end up blocking the pipes.

We have a solution. We will collect the slurry from site, bring it back to base where we dispose of it to the requirements of our Resource Consent.

#### Slurry.

High pH

Must not enter a natural waterway, sewer or storm water.

Health and Safety issues.

Removed to Lowery Supa Cutters base.

Disposed of to requirements of Lowery Supa Cutters Resource Consent.



One of LSC's 1800 Litre vacuum trucks