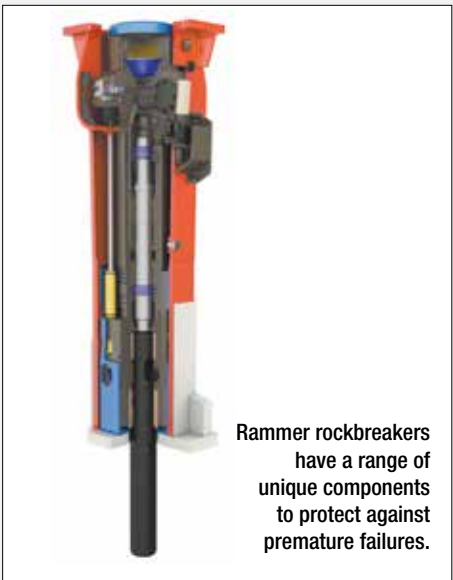
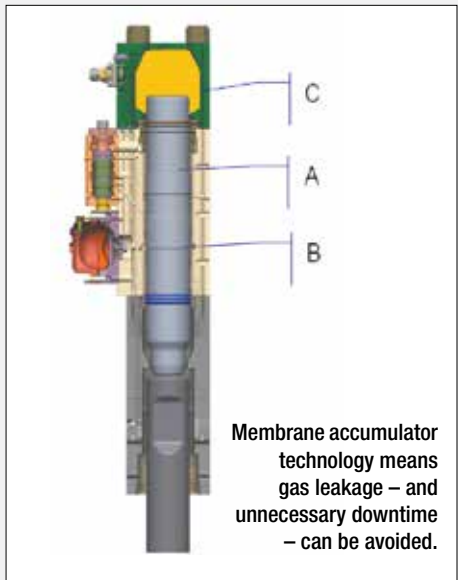




# Rammer rockbreakers a hit



## NATIONAL

RAMMER'S new Excellence line of rockbreakers are smarter and easier to use than ever before.

With integrated smart technology for easier fleet management and new customer-focused features for more efficient processes, the Excellence line lives up to its name.

### Idle Blow Protection

One of the main issues that can cause rockbreakers to prematurely break down is blank firing.

The piston strikes the tool and the tool strikes the rock, but if the piston doesn't strike the tool, all the energy that's normally transferred goes back inside the rockbreaker and causes internal components to fail over time.

Rammer has developed anti-blank firing which stops the unit working unless the piston is striking the tool.

The Idle Blow Protection (IBP) is easily adjustable on-site and ensures the rockbreaker

can't be operated until pressure is placed on the tool.

It also protects the tool from failures and tie rod stress, reduces oil overheating and protects against premature failures – which extends the life of the tool over time.

### Constant and high breaking power

Rammer Excellence Line of Rockbreakers come with high pressure membrane accumulators to ensure constant and high breaking power is maintained at all times.

This simply means that they maintain their impact energy as they do not leak gas compared to piston accumulators, in which the gas behind the piston slowly leaks through the seals.

Instead, Rammer tools store nitrogen gas inside the rockbreaker which can last for extended periods of time, similar to the air in car tyres which only needs testing with regular servicing.

Avoiding gas leakage means avoiding a loss of impact energy and excessive downtime – plus

the additional cost due to regular re-gassing. This makes Rammer Rockbreakers a reliable and productive partner for your carrier, particularly in remote locations.

### Reduced breaking times

Rammer's patented Fixed Blow Energy operating principle ensures maximum impact energy regardless of the operating oil flow.

This means that every impact – from first to last – is at maximum power, regardless of oil flow or frequency.

Unlike thinking rockbreakers which try to anticipate how hard a rock is and how hard to strike, the Rammer will strike with the same power each and every time.

This reduces breaking time, maximising productivity on site.

### Remote monitoring system

Rammer is the first on the market introducing

an RD3 monitoring device together with a My Fleet platform, making it easy for customers to monitor their rockbreaker fleet remotely.

Historically one of the major causes of premature failure in rockbreakers was long cycles where the operator continues to hit the button and the piston keeps striking for an extended period of time.

The Myfleet platform is a remote monitoring device bolted onto the rockbreaker, which reports back to the customer information about the tools operation in real time.

With the cloud-based system, customers can pinpoint the exact location of their equipment, monitor correct usage and manage service periods for proactive and preventative maintenance.

The cutting edge technology is available in all new Rammer Excellence models as standard.

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## Vidat tie rods

Another unique development is Rammer's Vidat tie rods which can improve bolt life up to three years.

The patented Vibration Dampening Tie rods are at the cutting edge of tie rod technology, outlasting and outperforming standard tie rods.

Vibration during operation is a key cause of bolt breakage and by reducing the vibration through the bolts they last longer before they fail.

## Ramvalve

Sometimes rockbreakers can be destroyed by too much oil flow and the Ramvalve actually stops the unit from working if the oil flow is too high.

This is just another example of smart technology that ensures equipment stays in pristine condition and works efficiently, without failure, for its lifespan.

## Any application

Rammer has been setting standards for breaking for over four decades and was the first brand to offer large and heavy duty hydraulic rockbreakers for tough conditions.

There is a Rammer Hydraulic Rockbreaker for virtually any breaking application that requires a boom-mounted percussive tool.

From the advanced Compact Range rockbreakers for mini-excavators, whose tools are so strong they are guaranteed for life against breakages, to the extra heavy-duty Large Range for excavators from 27-120 tonnes in weight, there is a reliable, low-maintenance, easy-to-fit, high-performance

Rammer rockbreaker certain to increase your productivity, optimise results and give you a lower cost per tonne of material broken.

## Small units

Generally for small construction companies or plumbers in and around the metro, the small unit excels at breaking concrete for domestic applications like swimming pools, or demolition where smaller rocks need smaller machines.

If access is tight or restricted, down the side of a house or in demolition where no heavy machines can go, the small, lightweight machine and attachments can get the job done.

Rammer's 155, 255, 355 and 455 units are designed to deliver high blow frequency and power where and when you need it regardless of the application.

## Medium units

The medium-sized Rammer is best suited for mid-sized contractors or small mines or quarries, as well as medium-sized contractors who are looking to move into heavier rock breaking.

Rammer's 1533, 1655, 2155, 2166, and 2577 units all incorporate the latest technology including a replaceable bottom plate, Vidat system and are made from wear-resistant steel.

The slim and extremely robust body offers greater visibility and better accessibility in trenching and demolition applications.

All medium range Rammer rockbreakers feature Rammer's Fixed Blow Energy operating principle that ensures optimum impact energy with every blow, regardless of hydraulic flow fluctuations.

## Large units

Rammer's 3288, 4099, 5011 and giant 9033 units are the preferred choice among large breaker professionals worldwide.

Manufactured with a heavy duty housing and lower boot made from wear-resistant steel, all models are extremely durable and allow for ease of maintenance for mining applications where bigger rocks need to be broken into smaller ones before going into a crusher feed.

Like the other models in Rammer's Large Range of hydraulic rockbreakers, the new 9033 is designed for a long, trouble-free life.

Easily adjustable stroke length allows the Rammer 9033 to be purpose-matched to individual applications and ensure optimum breaking whether it is hard materials, such as granite and reinforced concrete foundations, or softer materials such as limestone.

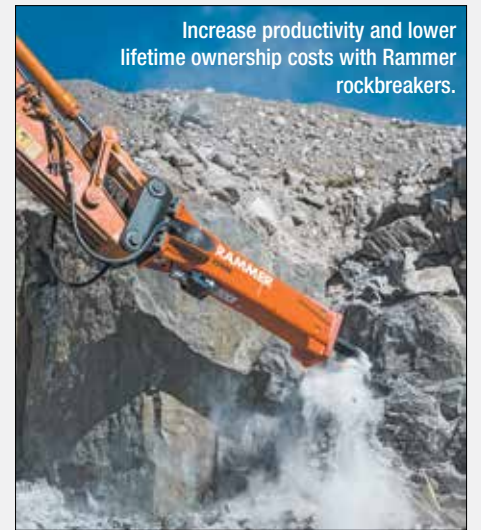
## Heat resistance

Generally used in furnace applications to break the lining, these breakers have special seals to withstand heat both outside and inside the rockbreaker. Not for everyday use, the heat resistant rockbreakers are a unique tool for 100 degrees Celsius and above.

## Scaler

These are ideal for underground mines where miners need to scale down a wall or any loose rocks before workers go down.

The scalers are designed to work horizontally with a different internal design compared to normal, vertical, breakers.



Rammer's 555, 777 and 999 scalers are ideal for removing loose tunnel material and reducing the risk of rockfall.

## Total support

Whether your application is primary breaking, primary or secondary demolition, trenching, asphalt cutting, ground compacting, metallurgical industry or specialised areas such as scaling, tunneling and underwater demolition, Rammer has a solution.

Rammer rockbreakers are manufactured in Finland by Sandvik Mining and Rock Technology and in Australia, customers are supported by the authorized Rammer dealers. Focusing on customer service and having genuine spare parts and tools available, Rammer dealers can make sure units are fully serviced and tools up quickly brought up and running when needed.

**MORE INFORMATION:** Total Rockbreaking Solutions | 1300 921 498 | [www.totalrockbreaking.com.au](http://www.totalrockbreaking.com.au)





Rammer is the first on the market introducing remote rockbreaker monitoring.

With the cloud-based system you will have real-time data 24/7 on

- operating hours,
- correct usage,
- the exact location of your equipment and
- service periods for proactive and preventative maintenance.

Remote monitoring system is available in all new Rammer Excellence models as standard.

rammer.com

REMOTE  
MONITORING



Dealer Network

### NSW

**Groundtec Equipment**  
(02) 9642 2030  
[groundtec.com.au](http://groundtec.com.au)

### VIC / TAS

**Walkers Hammers**  
(03) 9315 3788  
[walkershammers.com.au](http://walkershammers.com.au)

### QLD / PNG

**QLD Rock Breakers**  
(07) 3715 0800  
[rdw.com.au](http://rdw.com.au)

### SA / NT

**Renex Equipment**  
(08) 8345 0555  
[renex.com.au](http://renex.com.au)

### WA

**Total Rockbreaking Solutions**  
1300 921 498  
[totalrockbreaking.com.au](http://totalrockbreaking.com.au)