

CARBON  
FIBRE

MAGNESIUM



MRHD1500CF

"**SUPER BLAST**" Rotary Hammer Drill

## **Packing Plenty of Punch**

If you have a lot of masonry drilling applications then save time and energy with the all new GMC MRHS1500CF Rotary Pneumatic Hammer with it's high powered 1500W motor providing the muscle behind an impressive 3.5J of impact force. A combination of Carbon Fibre and Magnesium construction offers the very latest in manufacturing materials that maximise strength and durability in a lighter powertool.

An increased range of applications are made possible by the 3 modes of operation including Non Impact drilling, Impact Drilling and Stop Rotation which is used for chiselling to remove tiles and the breaking up of concrete. SDS Plus bit fitment provides for a reliable and fast method of fitting your accessories while safety features include a built in safety clutch and "Power Glow" to indicate when power is available

## **3 Times More Efficient**

Rotary Pneumatic Hammer drills are far more efficient over the standard impact action hammer drill by around 3 times and there-for are generally used specifically for masonry drilling and chiselling applications. Comparing this efficiency in hammer action between the 2 types, would be like comparing a mash hammer to a sledge hammer!

# Key Features & Benefits

## Super Powerful 1500w Motor

Ample power to drive the rotary pneumatic mechanism to deliver an impressive 3.5J of impact force. Hence the name "Super Blast"

## Carbon Fibre & Magnesium Construction

Delivering the latest in manufacturing technology for exception durability and strength whilst delivering the lightest possible construction at around 5.2kgs.

## 3 Mode's of Operation

1. Drilling with no hammer action
2. Drilling with hammer action
3. Hammer action with no rotation, used for chiselling

## SDS Plus Bit Change System

For rapid accessory changes with a mechanism designed to withstand the massive impact force required for this type of concrete and masonry work tool

## Safety Clutch System

This protects the operator in the event that the accessory is jammed

## Variable Speed

Allows for total control when used for drilling applications

# Key Features



# Typical Applications

- Demolition of concrete slabs and brick walls
- Chasing (channelling) of concrete to run cables and pipe
- Lifting of tiles and pavers
- Conventional masonry drilling
- Conventional Steel & Wood drilling using the keyed chuck adaptor



# Specification Sheet

## Technical Specifications


<b>Input Power</b>	750watts
<b>No Load Speed</b>	500 - 15,000rpm
<b>Impacts Per Minute</b>	880 – 2700bpm
<b>Bit Fitment</b>	SDS-Plus
<b>Impact Force</b>	3.5joules
<b>Modes of Operation</b>	2
<b>Max Drilling Capacity into Masonry</b>	36mm
<b>Construction</b>	Carbon Fibre & Magnesium
<b>Net Weight</b>	5.2kgs
<b>Warranty</b>	2 Year Repair or Replacement for Domestic Home Use

## Supplied Accessories

- 1 x 13mm Keyed Chuck
- 1 x Grease Pot
- 1 x Side Handle & Depth Rod
- 1 x Pin Wrench
- 1 x Carry Case



# Operating Tips

1. That the more downward force you apply to the tool, the less efficient they are in their operation.
2. Some machines from new may not engage the hammer function and require a solid tap to a hard surface to the tip of a bit which has been fitted to the tool. Rarely would this ever need to be done again
3. When performing overhead work always use the supplied rubber dust chuck cover. Masonry dust is both fine and very abrasive and will find its way into the machines internals and damage the mechanism
4. Ensure you top up the gearbox grease according to the instruction manual. With prolonged use, the internal grease heats up and softens and slowly makes its way out through the chuck sleeve.
5.  When using the metal chuck adaptor, remember this is for non masonry drilling only! The high impact generated by rotary hammer drills will disintegrate the chuck in a short period of time.

# Frequently Asked Questions

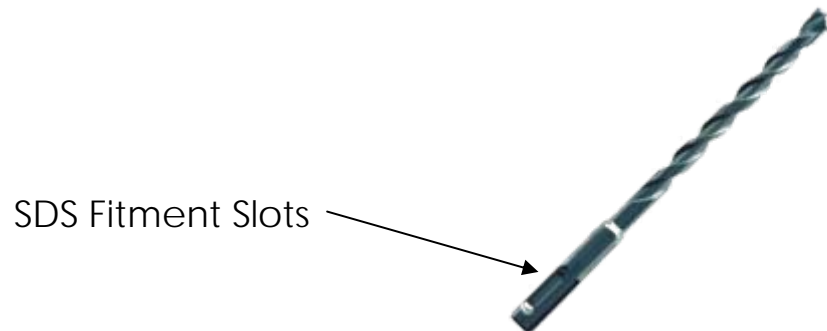
## Q: How does a Rotary Hammer drill work?

**A:** A small piston operated by the electric motor pushes compressed air against a metal spring loaded plate which in turn heavily impacts with the drive shaft connected to the chuck. Each single impact of energy delivered is measured in "Joules"

**NB:** A **joule** is the work done or energy required to exert a force of one newton for a distance of 1mtr.

## Q: What is SDS all about?

**A:** An acronym for "Stick Rotate Seat", though there are many other versions and it's difficult to know which is correct. It was system developed by Bosch which there are several forms available such as SDS, SDS PLUS and SDS MAX. Basically the difference is their increased duty rating and size of the associated bits. Because of this special fitment, a "Chuck Adaptor" must be fitted to be able to use standard round shank drill bits.





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