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

MAGNESIUM

Internal safety clutch to protect the operator in case of jammed bits

Power GLO

Variable speed for optimum control and penetration for various materials.

SDS-Plus fitment system for rapid tool free bit changes with maximum energy transfer rate

3 Way Mode Selector for rapid changing of the various functions

360˚ Adjustable side handle with depth gauge allowing for use in the most convenient position

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BRUSH SHOW

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

Input Power	750watts
No Load Speed	500 - 15,000rpm
Impacts Per Minute	880 – 2700bpm
Bit Fitment	SDS-Plus
Impact Force	3.5joules
Modes of Operation	2
Max Drilling Capacity into Masonry	36mm
Construction	Carbon Fibre & Magnesium
Net Weight	5.2kgs
Warranty	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 finds it's 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 it's 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.