

Mincon 3" Range of Down The Hole Hammers



"The Driller's Choice"

The Mincon DTH Story

In the latter part of the 1990's, we began production of a new generation range of "Down-the-Hole" Hammers. This top quality equipment brought a whole host of advantages to the rock drill industry in terms of: increased drilling speeds, longer service life, greater reliability with ease of maintenance and maximum operating cost effectiveness.

All of this is due to our superior designs, unique processes and the highest engineering standards, coupled with a rigorous quality control culture and an excellent understanding of the demanding and diverse conditions in which our hammers are expected to work.

The new Mincon Hammers developed rapidly over a relatively short period, simply by listening to what drillers themselves expect from the tool and then using this valuable information and incorporating much of it into the final designs.

Through continuing development and information gathering from the end users we again raised the bar of what is expected from a DTH hammer. The Mincon MC range of hammers was introduced in 2008 to increase the performance of the tool and combat the issues that are presented by drill bit foot valves and longer shanks.

Mincon have been manufacturing quality DTH hammers for over 25 years and what makes Mincon unique and the hammers so much better is that we will always listen to those who use the equipment, which is why Mincon has become – "The Drillers Choice".

The 3" Range of DTH Hammers

The Mincon range of 3" DTH hammers is designed around proven technology to perform at the top end of the performance scale compared to other tools on the market. These tools are excellent for all types of drilling applications including residential geothermal, production quarry drilling, seismic drilling and small construction drilling.

The Mincon range of 3" hammers are available in the popular DHD 3.5 shank and a Mincon designed heavy duty shank for operation at higher pressures.

Mincon Products are all manufactured in house, and all processes are carried out under the one roof. This guarantees that the quality you "Expect" is always delivered.

Key Features and Benefits

- Patented features maximize energy output and reduce service requirements.
- Fewer internal components minimize service requirements.
- Valveless, high frequency design ensures smooth operation.
- Hardened wear sleeve for optimum wear resistance even in the most abrasive conditions.
- Multi-start threads on backhead and chuck ensure easy coupling/uncoupling of hammer.
- Unique internal mount system eliminates the need for wear shims and special assembly tools.
- All critical internal components are heat treated under strict control to maximize tool longevity.



"The Driller's Choice"

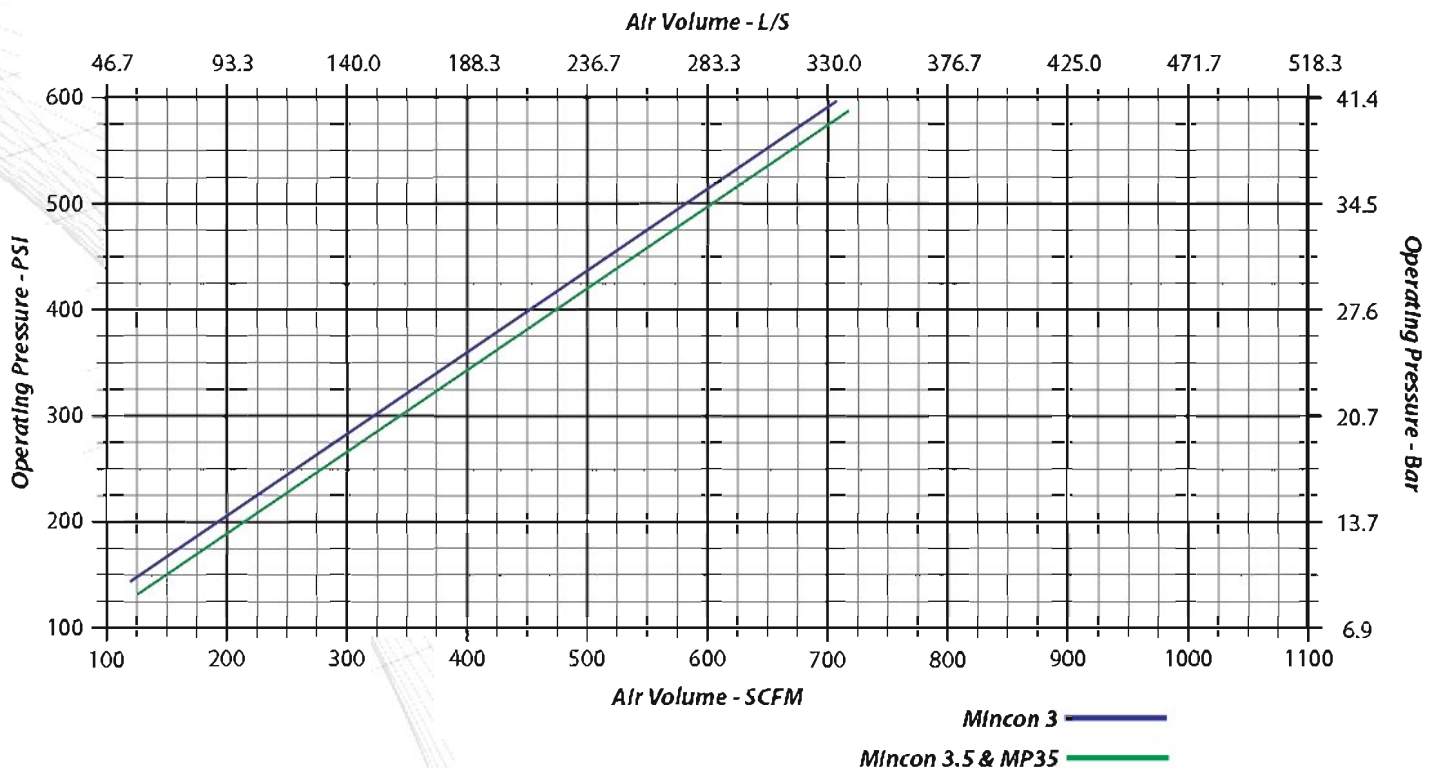
S P E C I F I C A T I O N S

Mincon 3" Hammer Model		Mincon 3	Mincon 3.5	Mincon MP35
Hammer Outside Diameter	Metric	77mm	85mm	85mm
	Imperial	3.03"	3.35"	3.35"
Hammer Length (Less Drill Bit)	Metric	865mm	805mm	805mm
	Imperial	34.0"	31.7"	31.7"
Backhead Spanner Flat Size	Metric	64mm	64mm	64mm
	Imperial	2.5"	2.5"	2.5"
Drill Bit Shank Type		DHD 3.5	DHD 3.5	MD 3.5
Standard Backhead Thread		2 3/8" A.P.I. Reg Pin	2 3/8" A.P.I. Reg Pin	2 3/8" A.P.I. Reg Pin
Minimum Bit Size Range	Metric	85mm	95mm	95mm
	Imperial	3.35"	3.75"	3.75"
Hammer Weight (Less Bit)	Metric	223 Kgs	24.5 Kgs	24.5 Kgs
	Imperial	49 Lbs	54 Lbs	54 Lbs
Drill Bit Weight	Metric	(92mm) 5.0 Kgs	(95mm) 5.4 Kgs	(95mm) 5.9 Kgs
	Imperial	(3 5/8") 11 Lbs	(3 3/4") 12 Lbs	(3 3/4") 13 Lbs
Piston Weight	Metric	4.1 Kgs	3.9 Kgs	3.9 Kgs
	Imperial	9 Lbs	8.7 Lbs	8.7 Lbs
Backhead Stand Off	Metric	0.75mm	0.75mm	0.75mm
	Imperial	0.030"	0.030"	0.030"
Recommended Minimum Air Package	Metric	47 l/s @ 6.9Bar	2.8m ³ /min @ 6.9Bar	2.8m ³ /min @ 6.9Bar
	Imperial	100cfm @ 100psi	100cfm @ 100psi	100cfm @ 100psi

¹ Other Backhead threads available on request

² Drilling conditions and project specifications may require larger air package to be used

AIR CONSUMPTION/OPERATING PRESSURE





" Leaders in Rock Drilling Technology "

Mincon International

Smithstown Industrial Estate
Shannon, Co. Clare
Ireland

Tel: +353 61 361099
Fax: +353 61 361808
Email: sales@mincon.com

Mincon Rockdrills Pty. Ltd.

8 Fargo Way, Welshpool
WA 6106
Australia

Tel: +61 8 9471 2700
Fax: +61 8 9471 2790
Email: sales@mincon.com.au

Mincon Mining Equipment

9669 201 Street, Langley
British Columbia, V1M 3E7
Canada

Tel: +1 604 881 4476
Fax: +1 604 881 4479
Email: sales@mincon.com

Mincon, Inc.

603 Centre Ave. N.W.
Roanoke, VA 24016
USA

Tel: +1 540 344 9939
Fax: +1 540 344 9942
Email: sales@mincon.com

Mincon Sweden, AB

Industrivägen 2-4
612 44 Finspång
Sweden

Tel: +46 1 221 5480
Fax: +46 1 221 5481
Email: info@mincon.nu

Mincon Rockdrills, Inc.

107 Industrial Park
Benton, IL 62812
USA

Tel: +1 618 435 3404
Fax: +1 618 435 2777
Email: sales@mincon.com

Mincon West Africa SARL

Villa TF 4635 GRD
Almadies, Dakar
BP 45534 Dakar-Fann
Republique du Senegal

Tel: +221 338209765
Fax: +221 338209765
Email: sales@mincon.com

Mincon South Africa

1 Northlake Industrial Business Park
46 Malcolm Moodie Crescent
Jetpark 1459 Gauteng
South Africa

Tel: +27 11 397 3630
Fax: +27 11 397 3522
Email: info@mincon.co.za

Mincon Poland Sp. Z. o.o.

ul.Mickiewicza 32
32-050 Skawina
Poland

Tel: +48 60 774 0888
Fax: +48 12 256 3101
Email: sales@mincon.com

Дистрибьютор в УКРАИНЕ

ЧАО «Горняк»

39631, Полтавская обл. , г. Кременчуг, ул. Киевская, 85,а

т/ф (0536) 77-35-90

(050) 901-4199, (067) 530-9177

Почта: egf112@gmail.com

www.mincon.com