



Performance & Quality Driven
“Down The Hole” Hammers & Bits

Mincon MC55

Why Buy the Mincon MC55?

The Mincon MC55 is a superior but versatile Hammer, specifically built for drilling applications where high penetration speeds are vitally important. It's unique design concept provides much greater impact energy and ultimate drilling performance for absolute maximum productivity in almost all ground conditions.

The Mincon MC series Drill Bits do not use Foot Valves (Blow Tubes) and therefore any problems previously associated with them are completely eradicated. The multi splined, full length drive bits are designed to extend the wear life of the bit shank.

Like all Mincon DTH hammers, the Mincon MC55 maintains excellent operating pressure over an extended service life and overall is the tool you require to get the maximum out of all your equipment.

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.

Design Highlights:

- ▶ Patented Shank design is fully supported within the chuck throughout the stroke providing maximum protection against shanking.
- ▶ Hammer design eliminates the foot valve from the drill bit.
- ▶ Patented features maximize energy output and reduce service requirements.
- ▶ Extremely efficient air exhaust provide excellent hole cleaning and allows for drilling against very large volumes of water.
- ▶ Valveless, high frequency design ensures smooth operation.
- ▶ Reversible hardened wear sleeve for optimum wear resistance even in the most abrasive conditions.
- ▶ 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.
- ▶ An overall cost-effective and user friendly tool for use in the most demanding conditions.

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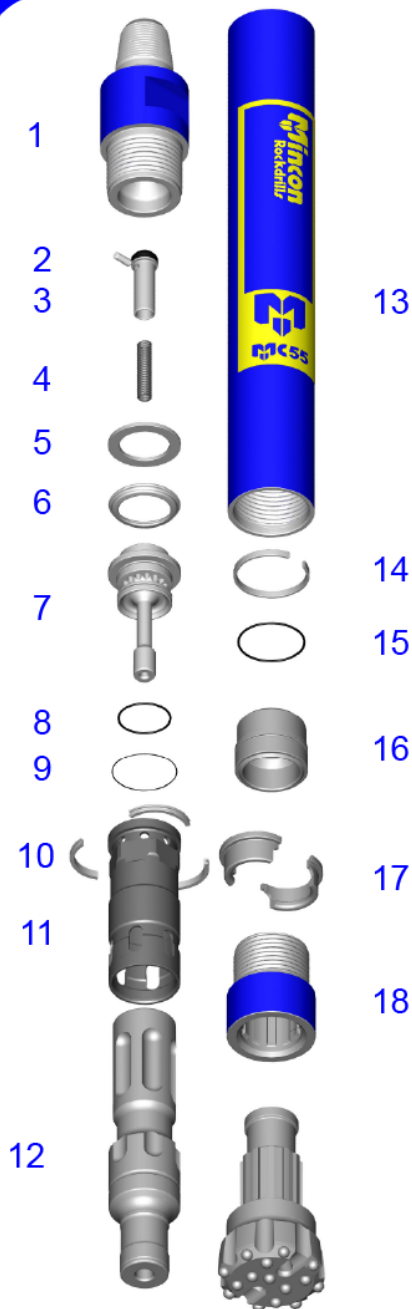
Applications:

- Geothermal
- Blast Hole
- Water Well
- Environmental
- Exploration



‘The Driller’s Choice’

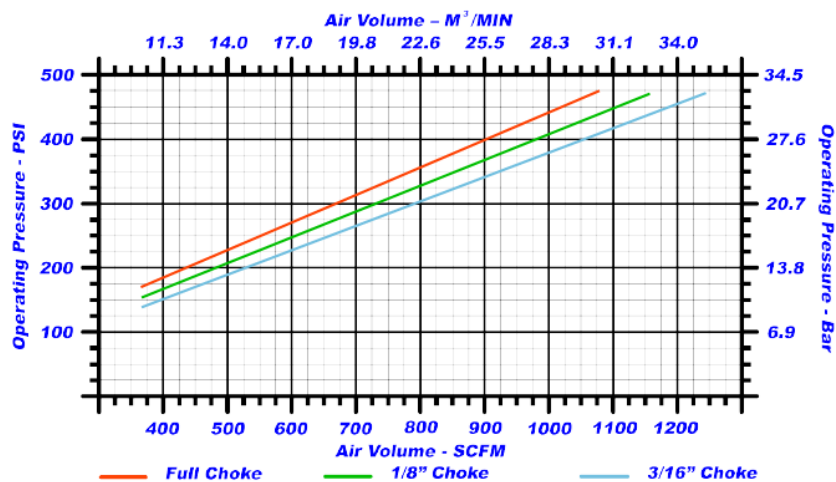
“LEADERS IN THE FIELD OF DRILLING TECHNOLOGY”



MINCON MC55 PARTS LIST & SPECIFICATION

Item	Description	Part No.
	Mincon MC55 Hammer	MBX501AS08
1	Backhead	MBX501BH02
2	Choke Blank	MB506CH01
	Choke 1/8" (3.2mm)	MB506CH02
	Choke 3/16" (4.8mm)	MB506CH03
3	Check Valve	MB502CV01
4	Spring	MB503SP01
5	Steel Make Up Ring	MB504SM01
6	Lock Ring	MB505LR01
7	Air Distributor	MB507DR01
8	O Ring	MB521OR01
9	O Ring	MB509SR01
10	Seating Ring	MB523OR01
11	Inner Cylinder	MB508IC03
12	Piston	MB510PN07
13	Wear Sleeve	MBX511WS02
14	Piston Retaining Ring	MB511PR01
15	O Ring	MD621OR01
16	Aligner	MB517BB05
17	Bit Retaining Ring	MB513BR08
18	Chuck	MBX514CK09
Outside Diameter		
		4.88"
		124mm
Minimum Bit Size		5.5"
		140mm
Spanner Flat Size		3.5"
		89mm
Length (Less Bit, Backhead Shoulder to Chuck)		39.9"
		1014mm
Bit Shank Type		
		MC51
Backhead Thread		3 1/2" A.P.I. Reg. Pin
Piston Weight		33.6Lbs
		15 Kgs
Wear Sleeve Discard Limit		4.400"
		111.8mm

OPERATING PRESSURE / AIR CONSUMPTION



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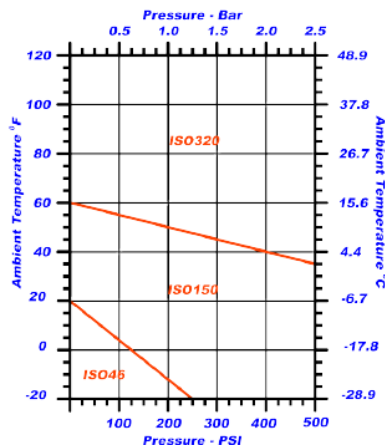
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