



**Performance & Quality Driven  
Reverse Circulation Hammers & Bits**

# Mincon MX 4550

## Why Buy the Mincon MX4550?

The Mincon Xploration (MX) 4550 is a high performance geological sampling tool that provides trouble free operation in all kinds of demanding conditions. It delivers superior penetration rates versus other manufacturers with extremely smooth drilling and continuous sampling.

Like all Mincon DTH hammers, the MX 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 controlled by Mincon's experienced Engineering Department. This guarantees that the quality you "Expect" is always delivered.

## Design Highlights:

- ▶ Patented Design provides excellent sampling in the most difficult conditions including unconsolidated ground, hard abrasive ground and large volumes of water.
- ▶ Provides the most cost effective high quality reverse circulation sampling available in the industry.
- ▶ Hammer delivers superior performance regardless of whether a high pressure booster is employed or not.
- ▶ Large parallel bore on sample tube provides excellent life in the toughest abrasive conditions.
- ▶ Patented internal mount system gives positive make-up and eliminates the need for wear shims and special assembly tools. Locking mechanism secures the top end of the hammer rigidly in place providing very smooth drilling
- ▶ 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.



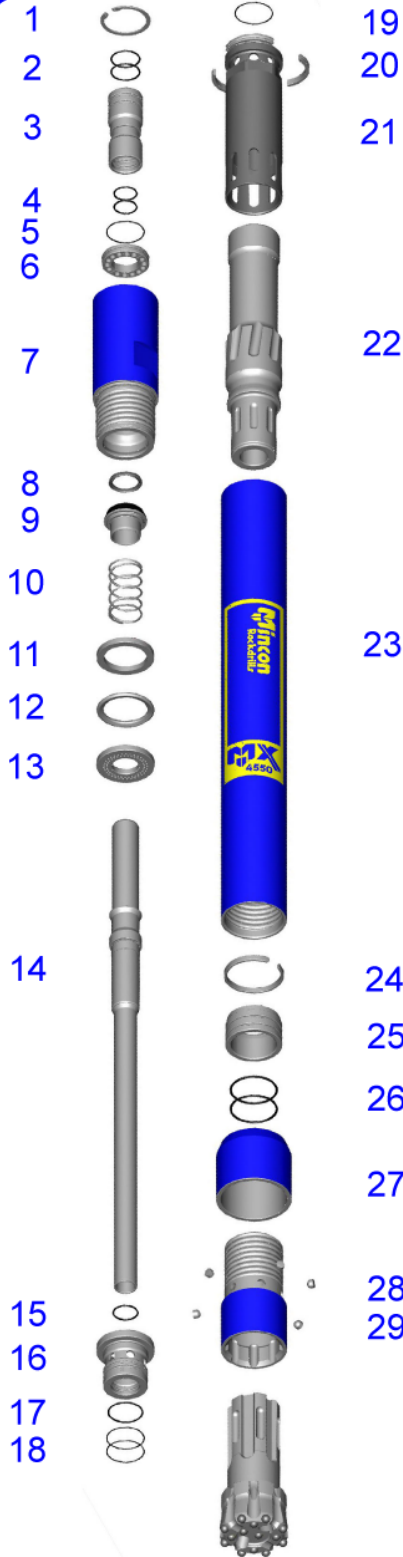
Applications:

- Geological Sampling

***'The Driller's Choice'***

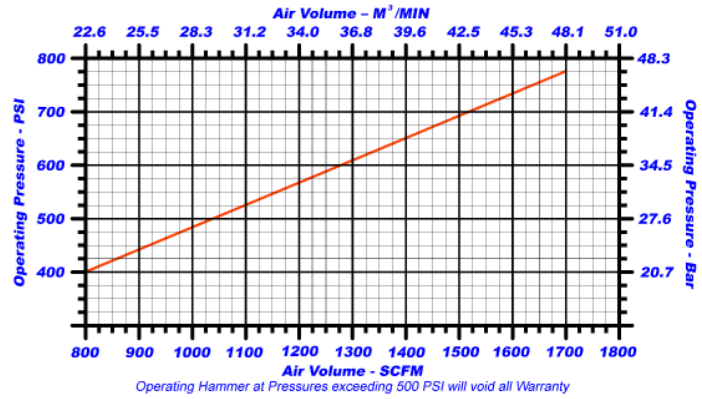
***"LEADERS IN THE FIELD OF DRILLING TECHNOLOGY"***

# MINCON MX4550 PARTS LIST & SPECIFICATION

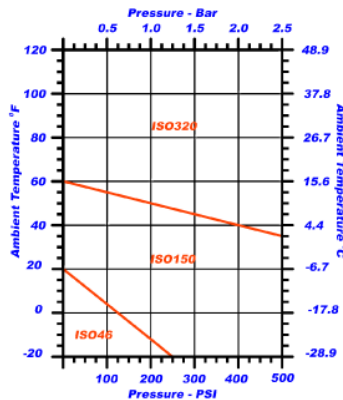


Item	Description	Part No.
	Mincon MX4550 Hammer	MX4550AA01
1	Internal Clipring	D1300-0780
2	O Ring	BS 226
3	Adaptor Tube (4" Remet)	MX5053AT01
4	O Ring	BS 224
5	O Ring	BS 040
6	Air Screen	MX5053SC01
7	Backhead (4" Remet)	MX4550BH01
8	Check Valve Seal (Nitrile U Seal)	8406-175
9	Check Valve	MX5053CV01
10	Check Valve Spring	MX5053SP01
11	Steel Make Up Ring	MX4550SM01
12	Lock Ring	MX4550LR01
13	Spacer	MX4550SS01
14	Sample Tube	MX4044ST01
15	O Ring	BS 225
16	Sample Tube Mount	MX4550DR01
17	O Ring	BS 225
18	O Ring	BS 231
19	O Ring	BS 040
20	Seating Ring	MX4550SR01
21	Inner Cylinder	MX4550IC01
22	Piston	MX4550PN01
23	Wear Sleeve	MX4550WS01
24	Piston Retaining Ring	MX4550PR01
25	Alinger	MX4550BB01
26	O Ring	BS 152
27	Chuck Ring 117mm Dia.	MX4044CS117
28	Bit Retaining Pin	50553PIN
29	Chuck	MX4550CK01
Hammer Outside Diameter		4.290" / 109mm
Bit Size		4.5" - 5.0" / 114mm - 127mm
Backhead Spanner Flat Size		3.7" / 94mm
Hammer Length (Less Bit)		45.9" / 1165mm
Bit Shank Type		MX4550
Backhead Thread		4" Remet
Weight (Less Bit)		123 Lbs / 56 Kgs
Stand Off		0.036" / 0.9mm

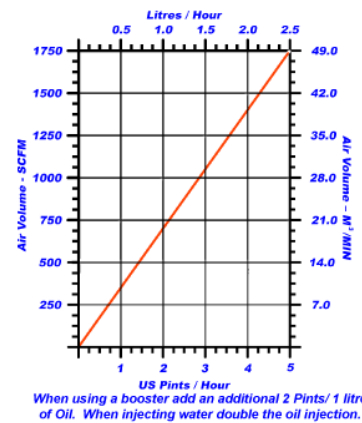
## OPERATING PRESSURE / AIR CONSUMPTION



## ROCKDRILL OIL GRADE



## ROCKDRILL OIL CONSUMPTION



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