

# Mincon 3

## Why Buy the Mincon 3?

The Mincon 3 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.

Like all Mincon DTH hammers, the Mincon 3 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 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.
- ▶ An overall cost-effective and user friendly tool for use in the most demanding conditions.



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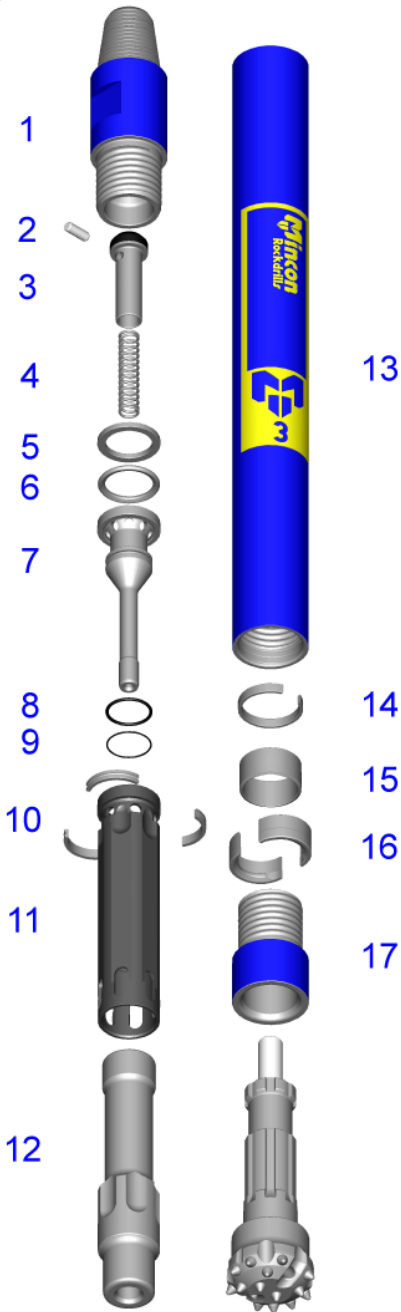
### Applications:

- Blast Hole
- Underground Mining
- Environmental
- Exploration
- Construction
- Applications where limited supplies of air available

***‘The Driller’s Choice’***

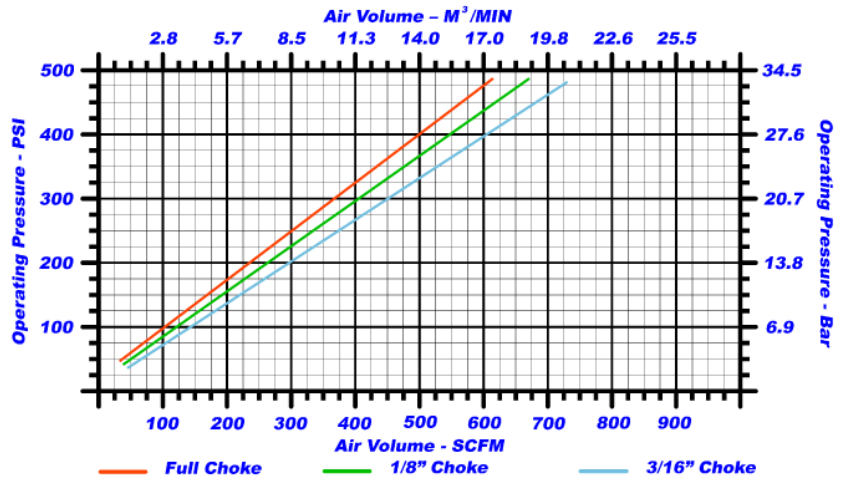
***“LEADERS IN THE FIELD OF DRILLING TECHNOLOGY”***

# MINCON 3 PARTS LIST & SPECIFICATION



Item	Description	Part No.
	Mincon 3 Hammer	MS301AS02
1	Backhead	MS301BH02
2	Choke Blank	MB506CH01
	Choke 1/8" (3.2mm)	MB506CH02
	Choke 3/16" (4.8mm)	MB506CH03
3	Check Valve	MB302CV01
4	Spring	MB503SP01
5	Steel Make Up Ring	MS304SM01
6	Lock Ring	MS305LR01
7	Air Distributor	MS307DR02
8	O Ring	MB321OR01
9	O Ring	MB322OR01
10	Seating Ring	MS309SR01
11	Inner Cylinder	MS308IC02
12	Piston	MS310PN03
13	Wear Sleeve	MS311WS02
14	Piston Retaining Ring	MS312PR01
15	Bit Spacer	MS315BS01
16	Bit Retaining Ring	MS313BR03
17	Chuck	MS314CK03
Outside Diameter		3.03"
Minimum Bit Size		3.35"
Spanner Flat Size		2.5"
Length (Less Bit, Backhead Shoulder to Chuck)		34.0"
Bit Shank Type		DHD 3.5
Backhead Thread		2 3/8" A.P.I. Reg. Pin
Piston Weight		9Lbs / 4.1 Kgs
Wear Sleeve Discard Limit		2.835" / 72mm

## OPERATING PRESSURE / AIR CONSUMPTION



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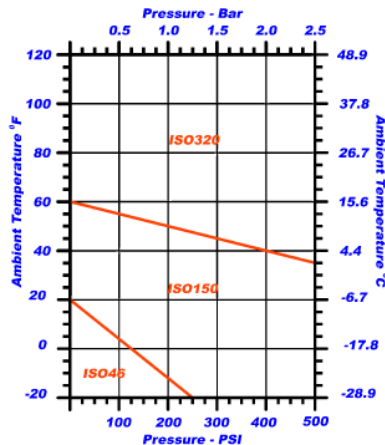
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## ROCKDRILL OIL CONSUMPTION

