

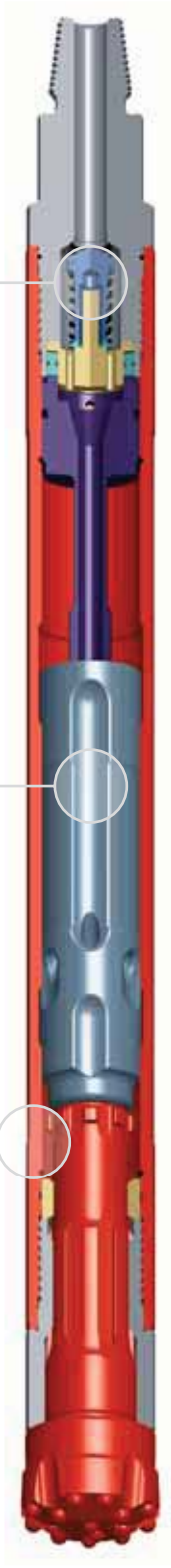
# 4"

## MACH 44

Top-adaptor with integral N.R.V. (Non-Return-Valve) replaceable air distributor.

Simplified piston geometry for improved balance and location within the cylinder.

Revised chamber volumes and cycle timing to optimize performance.

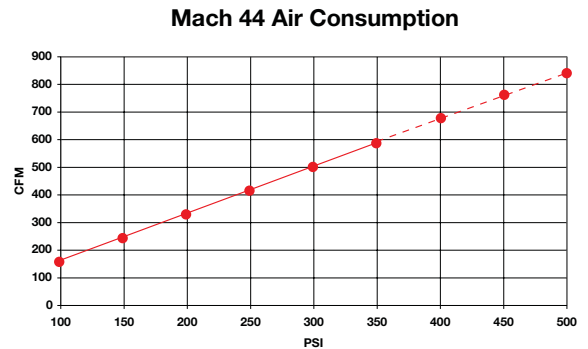


The Mach 44 is a general purpose hammer suitable for all rock conditions at a wide range of air pressures. The Mach 44 has a proven track record of performance and reliability. The high frequency of the Mach 44 makes it ideal when using overburden systems for broken or unstable ground conditions.

Suitable for operation at air pressures of 100 - 350 psi (7 - 24 bar).

Drilling diameters of 105mm - 150mm (4 1/4 - 5 7/8").

### Air Consumption



Figures are based on theoretical data

### Available Shanks

Halco Mach 44



## Hammer Overview

<b>Hammer Type</b>	<b>Mach 44</b>
<b>Part Number</b>	<b>600070</b>
Shank	Halco Mach 44
Top Thread	2.3/8 API REG PIN
Flat Hammer Size	65mm (2.560")
Weight	35.3 Kg
Outside Diameter	95mm (3.3/4")
Make Up Length	1000mm (39.3/8")
Recommended Minimum Thrust	250 Kg (550 lbs)
Recommended Maximum Thrust	500 Kg (1100 lbs)

## Parts List

<b>Hammer Type</b>	<b>Mach 44</b>	
<b>Shank</b>	<b>Halco</b>	
<b>Model Number</b>	<b>600070</b>	
<b>Item</b>	<b>Description</b>	<b>Part Number</b>
1	Thread Protector	200111
2	Top-Adaptor	601632
3	O Ring	768040
4	N.R.V.	602330
5	N.R.V. Spring	760084
6	N.R.V. Seat	601778
7	N.R.V. Finger	601717
8	Shim - 0.5mm	601640
	Shim - 1.0mm	601720
	Shim - 1.5mm	601721
9	Compression Ring	601635
10	O Ring	768050
11	Air Distributor	601868
12	Cylinder	601865
13	Snap Ring	783014
14	Piston	602456
15	Snap Ring	783014
16	Bit Retaining Ring	601945
17	Containment Band	792037
18	Chuck Spacer	601431
19	Chuck	601439
20	End Cap	741019
SK	Service Kit	SK02
RK	Repair Kit	RK02
	Foot Valve	601641
	F/V tool - body	601643
	F/V tool - pushert	601644

## Drill Bits

Part Number	Diameter		Face Design	Buttons Type	Buttons Qty/dia	Over Size	Weight (Kg)
	mm	Inch					
<b>Halco Mach 44</b>							
650788	108	4.1/4	Convex	Domed	13 x 13mm		9.5
650987	108	4.1/4	Convex	Semi-Ballistic	15 x 13mm		9.1
653248	108	4.1/4	Concave	Domed/ Ballistic	8 x 11mm D/ 8 x 11mm B		9.1
650931	110	4.5/16	Convex	Domed	15 x 13mm		9.6
653106	110	4.5/16	Convex	Semi-Ballistic	18 x 11mm		9
650932	115	4.1/2	Convex	Domed	8 x 14mm / 8 x 13mm		9.7
650969	115	4.1/2	Convex	Semi-Ballistic	16 x 13mm		9.6
653136	115	4.1/2	Convex	Parabolic	17 x 14mm		9.5
653249	115	4.1/2	Concave	Domed/ Ballistic	8 x 13mm D/ 8 x 13mm B		9.6
650933	120	4.3/4	Convex	Domed	8 x 14mm / 8 x 13mm		10
650466	127	5	Convex	Domed	16 x 13mm	Y	11
650073	130	5.1/8	Convex	Ballistic	16 x 13mm	Y	10.9
650444	140	5.1/2	Convex	Domed	17 x 13mm	Y	12.5
650445	150	5.7/8	Convex	Domed	17 x 13mm	Y	13.5