

6"

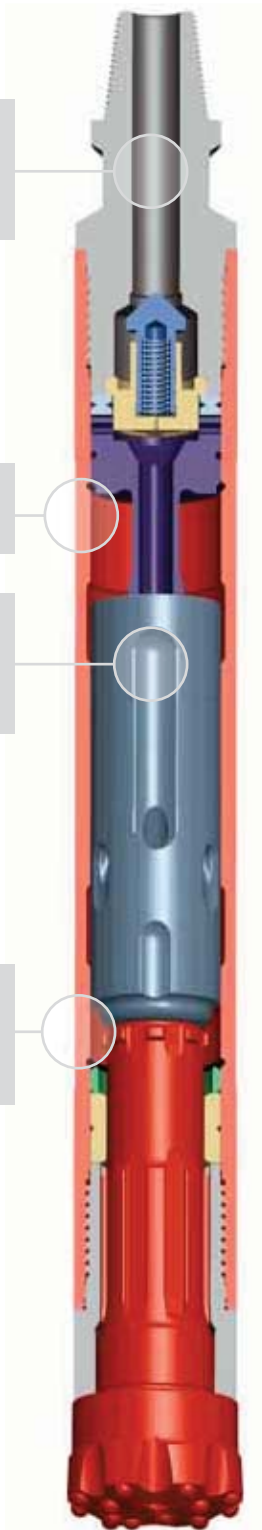
MACH 60

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

Reversible cylinder for extended life.

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

Revised chamber volumes and cycle timing to optimize performance.



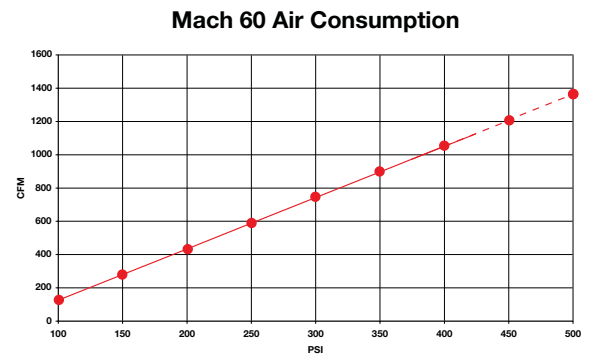
The Mach 60 is a general purpose hammer suitable for all rock conditions at a wide range of air pressures. The hammer is fitted with a reversible cylinder to prolong service life.

Mach 60 is versatile and reliable, requiring only a few simple tools for servicing and maintenance. Mach 60 is very economical to operate due to its relatively low air consumption and has a unique Mach 60 shank for full bit support. This hammer is most suited for use with the Sim-Cas Overburden system because of the high frequency of the piston/cycle.

Suitable for operation at air pressures of 100 - 435 psi (7 - 30 bar).

Drilling diameters of 152mm - 216mm (6 - 9 5/8").

Air Consumption



Figures are based on theoretical data

Available Shanks

Halco Mach 60



Hammer Overview

Hammer Type	Mach 60
Part Number	600035
Shank	Halco Mach 60
Top Thread	3.1/2" Api Reg Pin
Flat Hammer Size	90mm (3.544")
Weight	89 Kg
Outside Diameter	138mm (5.433")
Make Up Length	1095mm (43.110")
Recommended Minimum Thrust	500 Kg (1100 Lbs)
Recommended Maximum Thrust	1500 Kg (3300 Lbs)

Parts List

Hammer Type	Mach 60	
Shank	Halco	
Model Number	600035	
Item	Description	Part Numbers
1	Thread Protector	201701
2	Top-Adaptor	601555
3	Non Return Valve	601560
4	N.R.V. Spring	760079
5	N.R.V. Housing	601558
6	Compression Ring	601562
7	Shim - 0.50mm	601590
	Shim - 1.00mm	601797
	Shim - 1.50mm	601798
8	Air Distributor	601557
9	O'Ring	768130
10	Snap Ring	783012
11	Cylinder	601553
12	Piston	601554
13	Snap Ring	783012
14	Bottom Spacer	601571
15	Bit Retaining Ring	601573
16	O'Ring	747105
17	Chuck Spacer	601563
18	Chuck	601556
19	Cap	741009
SK	Service Kit	SK07
RK	Repair Kit	RK10
	Foot Valve	601570
	F/V Tool - Body	601568
	F/V Tool - Pusher	601569

Drill Bits

Part Number	Diameter mm	Face		Button		Over Size	Weight (Kg)
		Inch	Design	Type	Qty		
Halco Mach 60 Shank							
650585	152	6	Convex	Domed	16 x 16mm		23.5
650939	165	6.1/2	Convex	Domed	19 x 16mm		26
650927	170	6.3/4	Flat	Domed	19 x 16mm		26
650474	178	7	Convex	Domed	18 x 16mm	Y	30
650354	191	7.1/2	Convex	Domed	21 x 16mm	Y	32.5
650440	200	7.7/8	Convex	Domed	20 x 16mm	Y	34
650681	203	8	Concave	Domed	31 x 16mm	Y	35
650363	216	8.1/2	Flat	Domed			
650441	225	8.7/8	Convex	Domed	26 x 16mm	Y	42
650457	245	9.5/8	Convex	Domed	27 x 16mm	Y	49