

5"

MACH 50

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

Reversible cylinder.

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

Revised chamber volumes and cycle timing to optimize performance.



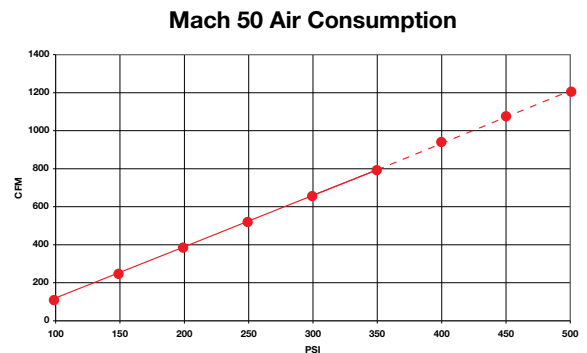
The Mach 50 is a general purpose hammer suitable for all rock conditions at a wide range of air pressures. The hammer is fitted with a reversible cylinder to prolong the service life. Mach 50 is versatile and reliable, requiring only a few simple tools for servicing and maintenance.

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 - 350 psi (7 - 24 bar).

Drilling diameters of 127mm - 165mm (5 - 6 1/2").

Air Consumption



Figures are based on theoretical data

Available Shanks

Halco Mach 50



Hammer Overview

Hammer Type	Mach 50
Part Number	600046
Shank	Halco Mach 50
Top Thread	3.1/2" Api Reg Pin
Hammer Flat Size	90mm (3.544")
Weight	54 Kg
Outside Diameter	114mm (4.5")
Make Up Length	1012mm (40")
Recommended Minimum Thrust	400 Kg (900 Lbs)
Recommended Maximum Thrust	900 Kg (1980 Lbs)

Parts List

Model	Mach 50	
Shank	Halco	
Model Number	600046	
Item	Description	
1	Thread Protector	201701
2	Top-Adaptor	601698
3	O'Ring	768043
4	Non Return Valve	602285
5	N.R.V. Spring	760084
6	N.R.V. Finger	601702
7	Shim	601706
8	Make Up Ring	601700
9	Air Distributor	601699
10	O'Ring	768101
11	Snap Ring	783013
12	Piston	601695
13	Cylinder	601694
14	Snap Ring	783013
15	Spacer	601705
16	Bit Retaining Ring	602117
17	Chuck Spacer	601603
18	Chuck	601602
19	End Cap	741020
SK	Service Kit	SK03
RK	Repair Kit	RK04
	Foot Valve	601843
	F/V Tool - Body	601847
	F/V Tool - Pusher	601708

Drill Bits

Part Number	Diameter		Face Design	Face Type	Buttons Qty / Dia	Over Size	Weight (Kg)
	mm	Inch					
Halco Mach 50							
650461	127	5	Convex	Domed	13 x 16mm		15.0
650717	127	5	Concave	Ballistic	8 x 16mm / 8 x 13mm		15.0
650913	135	5.5/16	Flat	Semi-Ballistic	9 x 16mm / 9 x 13mm		16.0
650578	140	5.1/2	Convex	Domed	14 x 16mm		15.5
650989	140	5.1/2	Concave	Domed	9 x 16mm / 9 x 14mm		17.0
650990	146	5.3/4	Concave	Domed	8 x 18mm / 7 x 16mm		17.8
650463	150	5.7/8	Convex	Domed	14 x 16mm	Y	18.0
650464	165	6.1/2	Convex	Domed	16 x 16mm	Y	18.5