

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.

Halco Mach 50 shank reduces contact stresses and wear rates.



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.

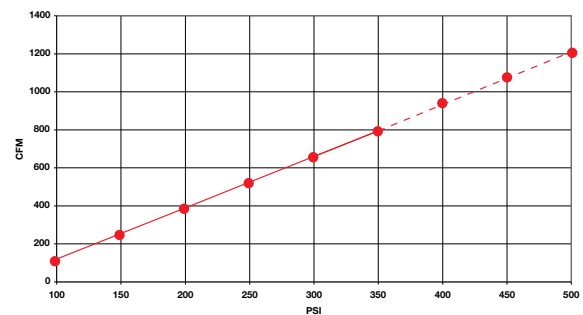
This hammer is most suited for use with the Sim-Cas Overburden system because of the high frequency of the piston/cycle.

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

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

Air Consumption

Mach 50 Air Consumption



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	SK03	RK04	
Model Number	600046	Contents		
Item	Description	Quantities		
1	Thread Protector	201701	-	-
2	Top-Adaptor	601698	-	-
3	O'Ring	768043	2	2
4	Non Return Valve	602285	-	1
5	N.R.V. Spring	760084	2	2
6	N.R.V. Finger	601702	-	-
7	Shim	601706	3	3
8	Make Up Ring	601700	1	1
9	Air Distributor	601699	-	-
10	O'Ring	768101	2	2
11	Snap Ring	783013	2	2
12	Piston	601695	-	-
13	Cylinder	601694	-	-
14	Snap Ring	783013	2	2
15	Spacer	601705	-	1
16	Bit Retaining Ring	602117	-	1
17	Chuck Spacer	601603	1	1
18	Chuck	601602	-	1
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	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

Halco Rock Tools
Quality Management System
is Certified to ISO9001: 2008
Certificate No: LRQ 0850659



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