

# 2"

## MACH 20

Integral N.R.V. (Non-Return-Valve) to prevent flooding when drilling in water.

Solid piston with liner support.

Guide bush fitted for centralising piston.



The valved design of the Mach 20 provides high performance at low pressure. A non return valve is fitted to prevent flooding when drilling in water. The Mach 20 has a strong robust design to withstand heavy duty applications.

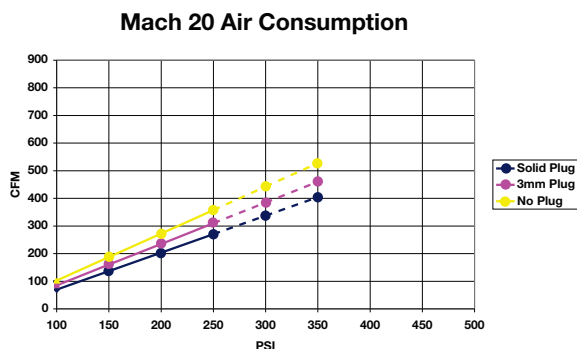
The Mach 20 is fitted with adjustable chokes to give three levels of air volumes for different drilling conditions.

The unique drill bit design for Mach 20 does not use footvalves which reduces the possibility of hammer failure. Mach 20 shank has a long service life and reduces contact stresses and wear rates.

Suitable for operation at air pressures of 100 - 250 psi ( 7- 17 bar).

Drilling diameters of 70 - 76mm (2 3/4 - 3").

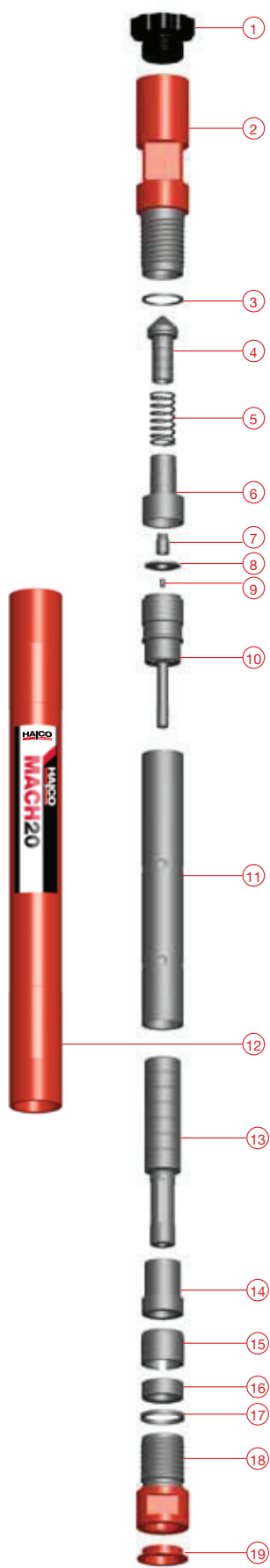
### Air Consumption



Figures are based on theoretical data

### Available Shanks

Halco Mach 20



## Hammer Overview

Hammer Type	Mach 20	Mach 20
Part Number	600169	600209
Shank	Halco Mach 20	Halco Mach 20
Top Thread	50mm DIN 405 6TPI BOX	40mm DIN 405 6TPI BOX
Hammer Flat Size	48mm (1.890")	48mm (1.890")
Weight	13 Kg	13 Kg
Outside Diameter	62mm (2.7/16")	62mm (2.7/16")
Make Up Length	840mm (33")	840mm (33")
Recommended Maximum Thrust	150 Kg (330 lbs)	150 Kg (330 lbs)

## Parts List

Hammer Type	Mach 20		
Shank	Halco		
Model Number	600169	600209	
Item	Description	Part Number	
1	Thread protector	200002	200005
2	Top-Adaptor	602715	602837
3	Wear spacer (Optional)	602726	602726
4	N.R.V.	602727	602727
5	N.R.V. spring	760111	760111
6	N.R.V. housing	602720	602720
7	Valve Centraliser	602724	602724
8	Valve	602725	602725
9	Solid bleed plug (Standard)	732025	732025
	3mm bleed plug (Optional)	602736	602736
10	Air Distributor	602719	602719
11	Liner	602717	602717
12	Cylinder	602714	602714
13	Piston	602718	602718
14	Piston Guide bush	602723	602723
15	Bottom spacer	602722	602722
16	Bit retaining rings	602721	602721
17	Chuck lock ring	602729	602729
18	Chuck	602716	602716
19	Protective cap	741013	741013
SK	Service Kit	SK18	SK18
RK	Repair Kit	RK30	RK30

## Drill Bits

Part Number	Diameter		Face Design	Buttons Type	Buttons Qty/Dia	Weight (Kg)
	mm	Inch				
<b>Halco Shank</b>						
650952	70	2.3/4	Flat	Domed	4 x 9mm / 6 x 11mm	2.4
650953	76	3	Flat	Domed	5 x 9mm / 6 x 11mm	2.5
650954	76	3	Flat	Semi-Ballistic	5 x 9mm / 6 x 11mm	2.5