

5"

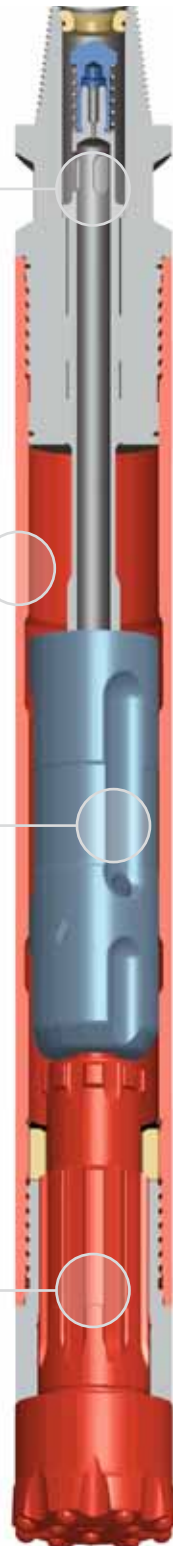
DOMINATOR 500

One piece top-adaptor reduces internal parts. No make up required. External N.R.V. for easy maintenance.

Revised chamber volumes and cycle timing to optimize performance.

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

Shank reduces contact stresses and wear rates.



Dominator 500 a class leader in performance, is suitable for drilling at a wide range of air pressures, excelling at high working pressures. Dominator 500 has a one piece top-adaptor with N.R.V. (Non-Return-Valve) fitted for easy inspection and service, with integral finger to reduce maintenance and eliminate shimming. Dominator 500 has no liner which increases the piston blow energy and reduces part required.

The Dominator 500 can be used for waterwell, shallow gas and oil applications.

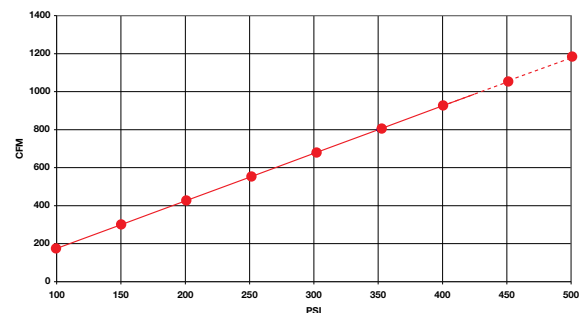
Dominator 500 is simple to maintain and to service with only few simple tools required with a recommended minimum bit size of 127mm (5").

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

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

Air Consumption

Dominator 500 Air Consumption



Available Shanks

Mach 50

Sandvik Mission A43-15/SD5



Hammer Overview

Hammer Type	Dominator 500	Dominator 500
Part Number	600120	600135
Shank	Halco	Sandvik Mission
	Mach 50	A43-15
Top Thread	3.1/2" Api Reg Pin	3.1/2" Api Reg Pin
Hammer Flat Size	90mm (3.544")	90mm (3.544")
Weight	58 Kg	58 Kg
Outside Diameter	118mm (4.65")	118mm (4.65")
Make Up Length	980mm (38.60")	980mm (38.60")
Recommended Minimum Thrust	400 Kg (900 Lbs)	400 Kg (900 Lbs)
Recommended Maximum Thrust	900 Kg (1980 Lbs)	900 Kg (1980 Lbs)

Parts List

Hammer Type	Dominator 500			
Shank	Halco	A43-15 (SD5)	SK16	RK
Model Number	600120	600135	Contents	
Item	Description	Part Number	Quantities	
1	Thread Protector	201701	201701	-
2	Snap Ring	783028	783028	2
3	N.R.V. Seat	602703	602703	-
4	O'Ring	768144	768144	2
5	N.R.V.	602330	602330	-
6	N.R.V. Spring	760084	760084	-
7	Top-Adaptor	602704	602704	-
8	O'Ring	768091	768091	2
9	O'Ring	768043	768043	2
10	Cylinder	602457	602457	-
11	Piston	602459	602459	-
12	Snap Ring	783025	783025	2
13	Bit Retaining Ring	602430	602562	-
14	Chuck Spacer	602433	602433	2
15	Chuck	602458	602561	-
16	End Cap	741020	741020	-
SK	Service Kit	SK16	SK16	
RK	Repair Kit	RK25	RK26	
	Foot Valve	601843	601843	
	F/V Tool - Body	601847	601847	
	F/V Tool - Pusher	601708	601708	

Drill Bits

Part Number	Diameter mm	Inch	Face Design	Type	Buttons Qty / Dia	Over Size	Weight (Kg)
Halco Mach 50							
653061	127	5	Concave	Domed	8 x 13mm / 8 x 16mm		16.0
650461	127	5	Convex	Domed	13 x 16mm		15.0
650717	127	5	Concave	Ballistic	8 x 16mm / 8 x 13mm		15.0
650758	135	5.5/16	Convex	Domed	14 x 16mm		15.5
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
Sandvik Mission Shank (A43-15/SD5)							
650771	140	5.1/2	Concave	Domed	15 x 16mm		15.7
653095	152	6	Concave	Domed	16 x 16mm		17.7
653096	165	6.1/2	Concave	Domed	10 x 16mm / 8 x 20mm		19.3

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



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