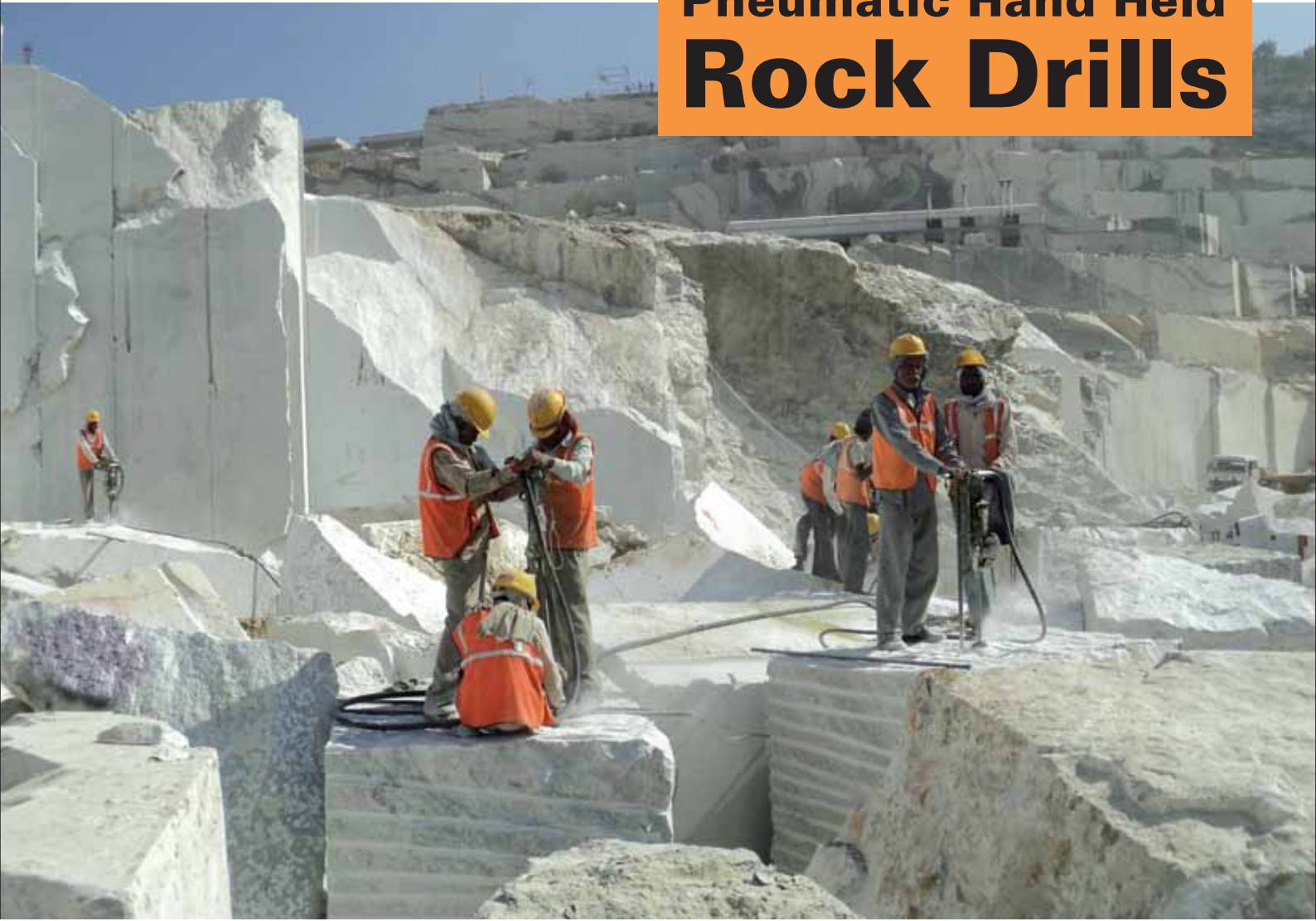


MINDRILL
Pneumatic Hand Held
Rock Drills



www.mindrill.com

RELIABILITY UNPARALLELED POWER UNMATCHED



The compact and versatile design of Mindrill rock drills enables simple positioning and easy handling. The streamlined design incorporates smooth contours, a side exhaust and “a flat back” that makes Mindrill rock drills easy to handle in quarries, mines and general excavation work. The high power-to-weight ratio and compactness of the rock drills result high penetration rate, which means the job gets done quickly for maximum productivity. It can handle depths upto 6 meter at a higher drilling rate. It comes in 5 versions MH505L, MH505FR with footrest provision, MH504W for wet drilling, MH501L & MH502A.

Features

- Forged steel housings withstand rugged use
- Low weight
- High Torque
- Very reliable and resistant to wear
- Large sliding face
- Long stroke machine
- High impact energy
- Good penetration in hard and soft rock
- Low spare parts consumption
- Blower for deep hole cleaning
- Robust kick-latch type retainers



MH505L

MH505L

This air flushed, medium heavy duty rock drill is a top performer in its class, and the MH505L is highly effective in general excavation work, quarry drilling, bench drilling, secondary drilling and other jobs requiring a sinker of its class. It is capable of drilling 27-40 mm diameter holes with H22 integral/extension steels up to depth of 6 meter.

User's Selection

- MH501L for smaller jobs
- MH505L for drilling deeper holes
- MH505FR for drilling with Foot Rest
- MH504W water flushed drill for Pusher Leg drilling
- MH502A for low air consumption

Extra Flushing and Kick-Latch Retainers

One of the special features of our rock drills is the extra flushing air valve, which provides simple, rapid cleaning of the drill hole during operation for increased operational efficiency. To simplify the changing of drill steels, the drills are designed with robust kick-latch type retainer that locks the drill steel into position easily.

For perfect drilling on hard rock strata, the drills have rifle-bar rotation with slower rotation and high impact energy.



MH505FR

MH505FR

It is another version of MH505L for dry drilling with footrest to provide extra comfort and easier operation to the drillers.



MH502A

MH502A

MH502A Sinker Drills robust design that makes them easy to handle in quarry, mine and general excavating work. The design also provides a main valve and cylinder porting concept that helps maintain constant drilling speed throughout a long service life. Working parts are constantly protected with an effective lubrication system.



MH501L

MH501L

The light weight MH501L is perfect for smaller jobs. All models are equipped with T-handles for a solid, comfortable grip. It's built in air flushing gives faster blasting cycles. This drill is particularly helpful where the air supply is limited and light weight is critical factor.



MH504W Sinker Drill

MH504W

This drill is intended to drill hose 27-40 mm (1 1/16" - 1 9/16") in diameter up to the depth of 6 mtr (20'). This drill has maintained its reputation of being one of the most economical and reliable rock drill for underground mines and tunnels because of its dependable design which includes Rifle Bar rotation and flushing system with double concentric tubes. This drill is used for horizontal or inclined drilling in conjunction with a Pusher Leg in underground mines and tunnel. For underground applications, MH504W drill is most reliable because of its low air consumption and a very high drill rate in relation to weight of the Drill.



MH504W Pusher Drill

Model	Weight		Length		Air Consumption		Piston Dia		Stroke Length		Shank Size		Working Pressure		Blows Per Minute
	Kg	lb	mm	inch	l/s	cfm	mm	inch	mm	inch	mm	inch	Bar	psi	
MH501L	18	40	510	20 1/16"	39	83	55	2 5/32"	60	2 11/32"	22 X 108	7/8 X 4 1/4"	6	87	2100
MH502A	26	57.3	575	23"	48	102	67	2 5/8"	51	2 1/64"	22 X 108	7/8 X 4 1/4"	6	87	2100
MH504W	25	55	658	25 29/32"	48	102	65	2 17/32"	59	2 5/16"	22 x108	7/8 x 4 1/4"	6	87	2040
MH505L	24	53	565	22 7/32"	58	123	65	2 17/32"	59	2 5/16"	22 X 108	7/8 X 4 1/4"	6	87	2040
MH505FR	25	55	565	22 7/32"	58	123	65	2 17/32"	59	2 5/16"	22 X 108	7/8 X 4 1/4"	6	87	2040

Pusher Leg MMK62S

The feed cylinder of steel and the rugged, simple design of the parts. of the feed guarantee operation without disruptions and reduced maintenance costs to a minimum.

The feed pressure is regulated with a control valve on the air inlet that is both throttle and shut-off valve. The feed pressure can be unloaded by means of a button operated relief valve.

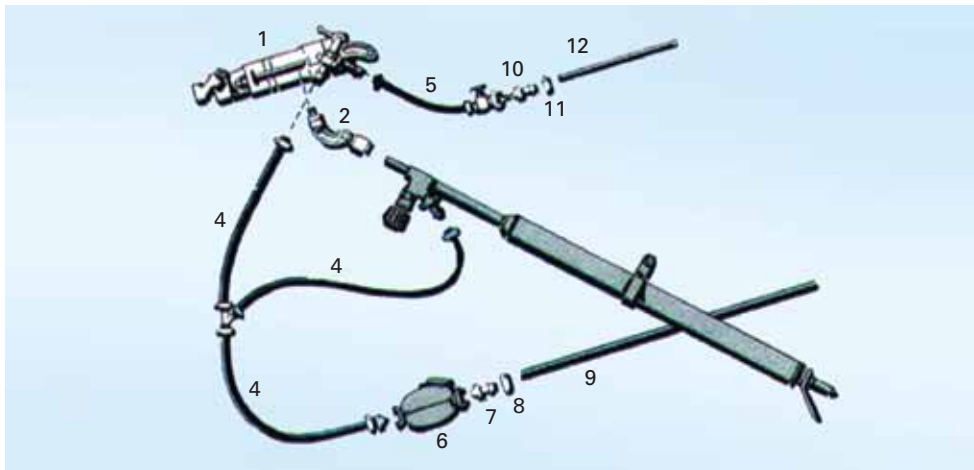
Model	Weight		Length Retarcted		Length Extracted		Piston Bore		Feeding Length		Suitable for Rock Drill
	Kg	lb	mm	inch	mm	inch	mm	inch	mm	inch	
MMK62S	17	37	1815	71.5"	3315	130.5"	65	2.5"	1300	51"	MH504W

Connection to the rock drill

MH504W rock drills are connected to the pusher leg by attachment device which is fixed by means of stop lugs in a tested position where the drill is balanced in a best possible position.



Attachment device - Connection of MMK62S Pusher to the Rock Drill



STANDARD EQUIPMENT			OPTIONAL EQUIPMENT		
1	Rockdrill with hose nipples and 22 X 108 mm (7/8" X 4 1/4") rotation chuck	MH504W	7	20 mm (3/4") claw coupling	
2	Attachment device for RH 656-4W (included)		8	20 mm (3/4") 2-piece hose clamp	
3	Pusher Leg (including attachment)	MMK62S	9	20 mm (3/4") air hose, running length	
4	Short-length hose complete (including 20 m (1/4") hose to rock drill, 12.5 mm (1/2") hose to pusher leg, branch pipe, clamps and 20 mm claw coupling.)		10	12.5 mm (1/2") claw coupling	
5	12.5 mm (1/2") flushing hose, complete with brass water cock and claw coupling.		11	12.5 mm (1/2") 2 pieces hose clamp	
6	Airline lubricator	ML30	12	12.5 mm (1/2") water hose	



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