

Drills



Master Power air drills. Built to perform...designed to last.



Productivity

High Power-to-Weight Ratio – Assures operator comfort in handling Master Power drills.

Gear Trains – Master Power gears are carefully engineered and precision cut to transmit power and high speed in a small space.

All Ball and Roller Bearing Construction – Precision ball and roller bearings are used at vital wear points for reduced friction, minimized wear, smooth, quiet operation and extended tool life.

Rugged Construction –

The science of ergonomics, the interface between man and machine, is employed throughout Master Power designs to achieve maximum control and ease of handling.



MP1463-51



MP1454-38



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Adaptability

Throttle Options – Two-stage
Unitized Valve Throttle.

This 2-speed throttle allows the operator to locate and start the drill accurately at slow speed and prevent damage to the workpiece. Full speed is achieved with full pressure on the throttle. (Provided on most pistol grip models.)

Versatility – Master Power drills are easily converted to direct drive screwdrivers with slip chucks.

Handleability

Quiet operating – Another application of ergonomics to Master Power drills, is design which limits tool noise to within standards.

Two Exhaust Systems – Drill motors have either 360° rotatable or rear exhaust. Rear Exhaust models are designed to vent exhaust harmlessly and quietly away from the work area, while 360° rotatable side vented exhaust models allow the operator to deflect the exhaust to the most advantageous direction.



MP1457-51

Serviceability

Parts Interchangeability

– Many Master Power tools are constructed of standard unitized parts which allows for greater parts interchangeability and adaptability.



WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must be equal or exceed speed of air tool @ 90 psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions.



It is the user's responsibility to refer and comply with ANSI B7.1

Pistol Grip Drills

Reversible & Non-Reversible



MP1454-38

- Nominal Motor Power
0.3 hp / 0.22 kW
- Non-Reversible
- Ergonomic design with comfort grip
- Small size ideal for tight access areas; handle is almost 90° to the spindle
- Variable speed trigger
- Handle exhaust
- Only 1.5 lbs.
- 3/8"-24 spindle thread



MP1454-38

MP1457-51

- Nominal Motor Power
1 hp / 0.745 kW
- Non-Reversible
- Double row ball bearings on output spindle for excellent alignment and true running bits
- Parts interchangeable with Master Power screwdrivers
- Steel front end for industrial applications
- 2 step throttle for easy starts
- Built-in no-clog mufflers for quiet operation
- Hardened and ground precision parts for extended service life
- 3/8"-24 spindle thread



MP1457-51

Model Number	Free Speed	Hp.	Chuck Capacity	Length		Weight		Spindle Offset		Air Consumption	Air Inlet
	RPM			in.	mm	lbs.	kg	in.	mm	CFM	
MP1454-38	3000	.30	1/4"	5.5	139.7	1.5	.68	-	-	12	1/4"
MP1457-51	2600	1.0	3/8"	7.5	191.0	1.9	.85	.84	20.6	25	1/4"

General:
Air Inlet: 1/4" NPT – Use 1/4" (6.4 mm) I.D. hose
All tools performance rated @ 90psi (620 kPa) air pressure

Standard Equipment:
Chuck and Key
Owners Manual
Parts Sheet



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Pistol Grip Drills

Reversible & Non-Reversible



MP1463-51

- Nominal Motor Power
1 hp / 0.745 kW
- Reversible
- Ball bearings on output spindle for excellent alignment and true running bits
- Parts interchangeable with Master Power screwdrivers
- Steel front end for industrial applications
- 2 step throttle for easy starts
- Built-in no-clog mufflers for quiet operation
- Hardened and ground precision parts for extended service life
- 3/8"-24 spindle thread



MP1463-51

MP1458-55

- Nominal Motor Power
1.2 hp / 0.894 kW
- Non-reversible
- Ball bearings on output spindle for excellent alignment and true running bits
- Parts interchangeable with Master Power screwdrivers
- Steel front end for industrial applications
- 2 step throttle for easy starts
- Built-in no-clog mufflers for quiet operation
- Hardened and ground precision parts for extended service life
- 3/8"-24 spindle thread



MP1458-55

Model Number	Free Speed	Hp.	Chuck Capacity	Length		Weight		Spindle Offset		Air Inlet
	RPM			in.	mm	lbs.	kg	in.	mm	
MP1463-51	1800	1.0	3/8"	6.8	172.7	2.5	1.1	.84	20.6	1/4"
MP1458-55	1200	1.2	1/2"	9.0	228.6	2.1	.95	.84	20.6	1/4"

General:

Air Inlet: 1/4" NPT – Use 1/4" (6.4 mm) I.D. hose
All tools performance rated @ 90psi (620 kPa) air pressure

Standard Equipment:

Chuck and Key
Owners Manual
Parts Sheet

WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must be equal or exceed speed of air tool @ 90 psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions.



It is the user's responsibility to refer and comply with ANSI B7.1