

Finishing Tools



The solution for finishing it right.

Master Power offers one of the most complete range of pneumatic equipment for rubbing, sanding and polishing in the world today. Master Power products are in demand by craftsmen and professionals in a wide variety of industries throughout the world. If you are working with wood, composites, solid surface, metal or stone, Master Power has a product that will provide a cost effective finish to your exacting standards.

Major Product Improvements

Significant improvements have been made across the complete range of Master Power products to assure you, our customer, of our continued commitment to enhance your productivity. Just a few of the improvements that will benefit you and make your work more pleasurable: Less Vibration . . . Quieter Running . . . More Power . . . Ease of Repair . . . Reduction in Parts Inventory.

When you want the best, ask for Master Power! Available from your Industrial Distributor.

MP4403-05
(with 3/32" chrome lever)



MP4470-09



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MP4400-05



MP4425



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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

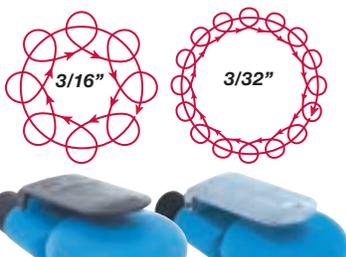
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Sanders



MP4400 Series Random Orbital Sanders

- Superb finish with speed, comfort, and ease of use.
- New improved air shield shaft balancer for longer bearing life.
- The low profile gives the operator more sanding control and greater comfort.
- Consumes less air than comparable tools— ideal for small shops with smaller compressors, yet can run economically in large industrial plants.
- Light weight & low vibration are benefits attributed to the use of high-strength polymer materials. All the qualities of metal without the weight!
- 3/16" orbit pattern for fine finishing or 3/32" orbit pattern for superb finishing.
- Levers allow users to visually see difference between 3/16" & 3/32" tools.



Durable high carbon steel lever won't break off

Sintered bronze one piece muffler does an excellent job of muffling noise and does not clog as easily as competitive models. When needed, makes servicing tool easy.

3 interchangeable grips to reduce fatigue and increase user comfort shipped standard with every sander



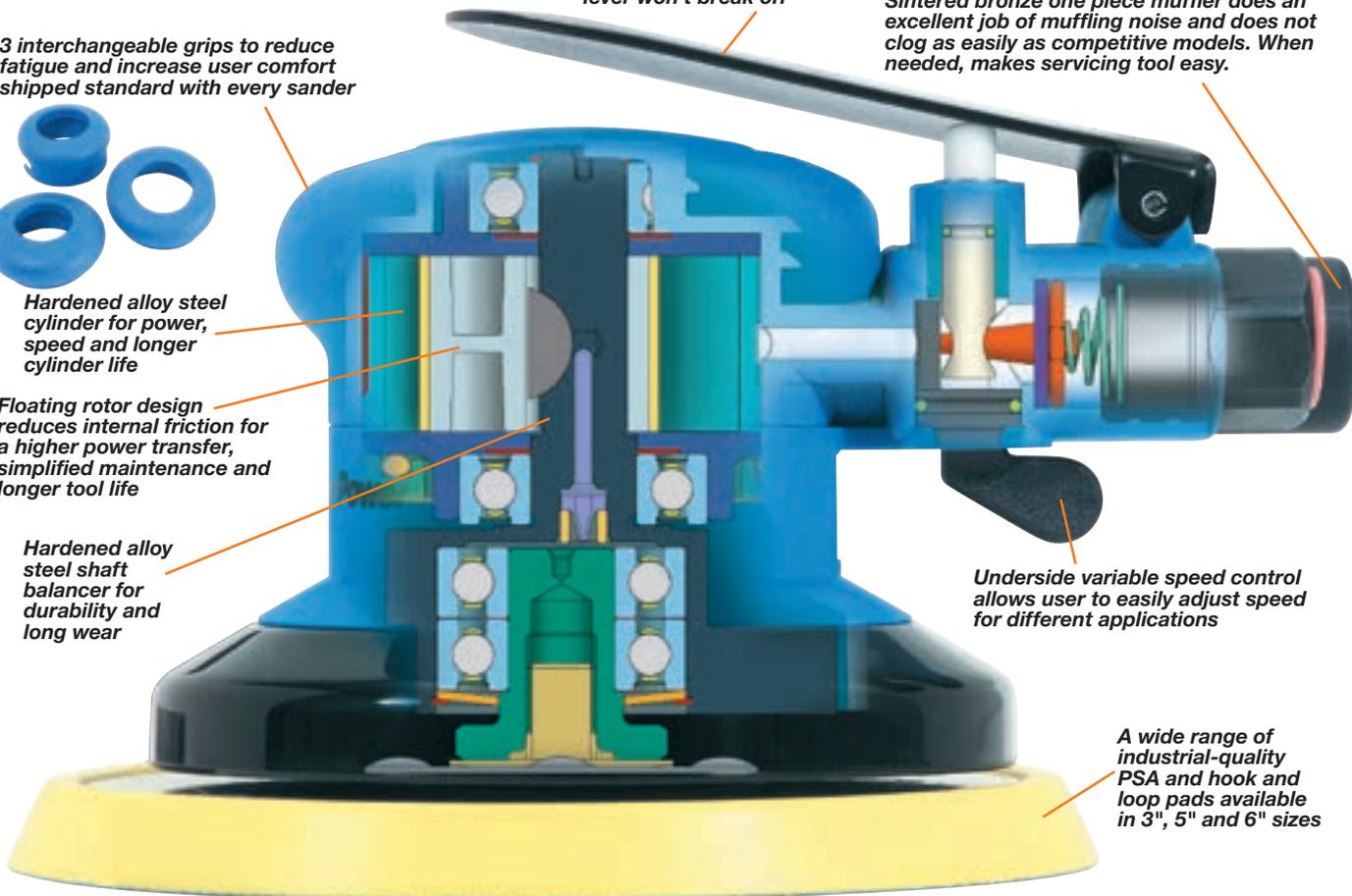
Hardened alloy steel cylinder for power, speed and longer cylinder life

Floating rotor design reduces internal friction for a higher power transfer, simplified maintenance and longer tool life

Hardened alloy steel shaft balancer for durability and long wear

Underside variable speed control allows user to easily adjust speed for different applications

A wide range of industrial-quality PSA and hook and loop pads available in 3", 5" and 6" sizes





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MP4400 & MP4403 Series Random Orbital Sanders

Model Number		Backup/Sanding Pad Size	Free Speed RPM	Weight		Height		Length	
3/16"	3/32"			lbs.	kg	in.	mm	in.	mm
12,000 RPM – Non Vacuum									
MP4400-03		3.5	12,000	1.56	0.71	3.33	84.58	5.11	129.79
MP4400-05†	MP4403-05	5.0	12,000	1.62	0.73	3.33	84.58	5.48	139.19
MP4400-06†	MP4403-06	6.0	12,000	1.68	0.76	3.33	84.58	5.48	139.19
12,000 RPM – Central Vacuum with Shroud									
MP4400-35		5.0	12,000	1.66	0.75	3.33	84.58	7.06	179.32
MP4400-36†		6.0	12,000	1.83	0.83	3.33	84.58	7.06	179.32
12,000 RPM – Central Vacuum with Skirt									
MP4400-15		5.0	12,000	1.73	0.78	3.33	84.58	7.75	196.75
12,000 RPM – Self Generated Vacuum, Floor Bag, Hose & Skirt									
MP4400-23		3.5	12,000	1.60	0.73	3.33	84.58	7.99	202.95
MP4400-25HL		5.0	12,000	1.73	0.78	3.33	84.58	8.33	211.58
MP4400-26HL		6.0	12,000	1.79	0.81	3.33	84.58	8.33	211.58

General

Air Inlet 1/4" NPT
 Min. Hose Size: 1/4" NPT
 Tool performance rated at 90 psi (620 kPa) air pressure.
 All threads are 5/16"-24 sanding pad post
 Maximum SCFM: 17

Standard Equipment:

Operating instructions & parts manual
 3/8" low profile, medium density premium urethane back-up pad
 Interchangeable grips (3): 70421900 – 2 1/2"
 70422000 – 2 3/4"
 70422100 – 3"

Optional Equipment:

Vac Hose 100704300
 Spare Parts Kit 88004400
 Rotor & Vane Kit 70444800
 † Hook and Loop model available

MP4400-03



MP4400-05



MP4403-05 (with 3/32" chrome lever)



MP4400-06



MP4400-35



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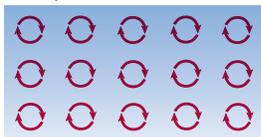
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Sanders



MP4470 Series Orbital Sanders

- New, improved model with lower vibration levels to improve user comfort
- Lightest weight full size orbital sander in the world.
- Consumes less air than comparable tools—ideal for small shops with smaller compressors, yet can run economically in large industrial plants.
- Light weight & low vibration are benefits attributed to the use of high-strength polymer materials. All the qualities of metal without the weight.
- Patent pending pad suspension system that produces unmatched performance.
- 1/8" orbit pattern for fine finishing.
- 3 interchangeable grips (shipped standard with each tool) means less fatigue and greater user comfort no matter what the hand size.



MP4470 Series 1/8" Orbital Sanders

Model Number - 1/8" Clip	Abrasive Size	Free Speed	Weight		Height		Length		Width	
		OPM	lbs.	kg	in.	mm	in.	mm	in.	mm
10,000 OPM - .24 hp (179 W) – Non Vacuum										
MP4470-09	3 2/3" x 9"	10,000	2.35	1.07	3.94	100.01	6.88	174.63	3.53	89.69

General:
 Air Inlet 1/4" NPT
 Min. Hose Size: 3/8"
 Tool performance rated at 90 psi (620 kPa) air pressure.
 Maximum SCFM: 16.3

Standard Equipment:
 Operating instructions & parts manual
 3/8" low profile, medium density premium urethane back-up pad
 Interchangeable grips (3): 70421900 – 2 1/2"
 70422000 – 2 3/4"
 70422100 – 3"

Optional Equipment:
 Vac Hose 100704300
 Spare Parts Kit 70494300
 Rotor & Vane Kit 70493600

Service Repair Tools

Not supplied with tool.



Lock Ring and Spindle Puller
 MP4400 & MP4403 Series 70420000
 MP4470 Series 70505200



70420100
 Service Clamp



70420500
 End Plate
 Bearing Tool



70505200†
 Sander Motor Removal
 † Quotation required.





Backup Pads For Random Orbital Sanders

Low Profile Backup Pads for Random Orbital Sanders

A thinner, harder pad generally recommended for aggressive sanding and leveling of flat surfaces.

Diameter	Thickness	PSA Pads		Hook & Loop Pads	
		Non-Vacuum	Vacuum	Non-Vacuum	Vacuum
3-1/2"	3/8"	543025	543025	543026	543026
5"	3/8"	543017	543018	543019	543020
6"	3/8"	543021	543022	543023	543024



Tapered Edge Backup Pads for Random Orbital Sanders

A thicker, softer pad generally recommended for contour sanding and feather edging.

Diameter	Thickness	PSA Pads
		Non-Vacuum
5"	3/4"	543041
6"	3/4"	543042



Backup Pads for Orbital Sanders

PSA adhesion to tool eliminates the need for any tools when changing pads. Pad remains flat throughout full orbit at any speed.

Diameter	Thickness	PSA Pads		Hook & Loop Pads	
		Non-Vacuum	Vacuum	Non-Vacuum	Vacuum
3-2/3"x7"	3/8"	543011	543013	543012	543014†



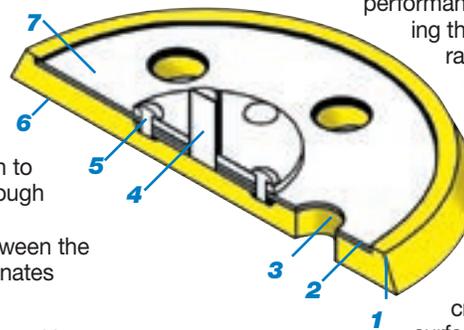
† Quotation required.

All Pads Are Not Created Equal

The backing pad is a very important interface between the tool and your work. A quality pad performs three main functions. First, it provides a flexible, yet flat surface to mount the abrasive to the tool. Second, a quality pad has a controlled weight and mass that balances with your tool and allows the tool to operate with minimum vibration. Third, a quality pad will be long lasting. The difference between quality pads and other pads can be seen in their components and construction.

Our quality pads have:

- 1 A specially designed, environmentally friendly, molded polyurethane foam**, that dampens vibration to prevent your tool from bouncing, yet is flexible and tough enough to withstand the rigorous operation of dual-action random orbit sanders. A permanent bond between the polyurethane and other components of the pad eliminates separation problems.
- 2 A rugged thermoset fiberglass epoxy backing**, that withstands the abuse of heat, flexing and impact, to keep the pad running flat and true for a long time. Aluminum backings bend from impact and lose their flatness, while heat and flexing cause molded plastic backings to warp, distorting the face of the pad. A pad that is not flat causes vibration which fatigues the user and prevents creating a professional finish.
- 3 Full 1/2" diameter vacuum holes** that match standard paper and allow maximum performance of your tools' vacuum system.



4 A durable welded and plated stud assembly on random orbital pads. Welding assures a permanent alignment between the pad and the tool. Plating assures easy pad removal by preventing corrosion.

5 A stud assembly that is rigidly attached to the backing with four rivets on random orbital pads. Stud assemblies that are molded in place can loosen and strip, causing poor performance and difficulties when removing the pad from the tool. A large, flat, raised steel washer with a four rivet attachment forms an ideal distributor of stress. This assures perfect alignment with all tools, and allows the pad to remain in service for a long time.

6 An embossed vinyl facing or hook facing that is intimately molded with the polyurethane to create a permanent durable and flat surface. Embossed vinyl facings offer maximum adhesion with PSA style paper while operating the tool, yet allow quick and easy replacement. Quality hook facings also offer secure adhesion yet quick and easy removal.

7 Strict tolerance on weight, balance, roundness, and flatness. A pad that is not the correct weight, out of round, out of balance, or uneven causes vibrations which fatigue the user and prevents creating a professional finish. Strict tolerances assure you that each pad performs consistently for a long time.

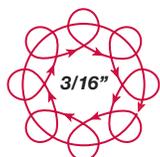


Sanders/Polishers



Random Orbital Sander

- 9,500 OPM
- Precise feathering throttle produces a better finish
- Built in air regulator for maximum operator control
- Lightweight yet durable composite handle
- Removable handle for right or left hand operation



MP4425

Model Number	Free Speed	Disc Capacity	Length		Weight		Hose Size		Air Consumption	Air Inlet
	OPM		in.	mm	lbs.	kg	in.	mm	CFM	NPT

Orbital/Random Orbital

MP4425	9,500	6"	8	203	2.9	1.3	1/4	6.4	20	1/4"
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General:

Air Inlet 1/4" NPT
 Use 3/8" (9.52 mm) I.D. hose MP4425
 Use 1/4" (6.4 mm) I.D. hose MP6151
 All tools performance rated @ 90psi (620 kPa) air pressure.

Standard Equipment:

Owners Manual
 Parts Sheet
 MP4425: 543021 6" PSA pad

Optional Accessories:

6" H&L pad for model MP4425 - No. 543023
 60538 Master Guard oil (4 oz.)
 60539 Master Guard oil (1 qt.)
 63593 8' Hose whip
 22034 Hose line oiler



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Heavy Duty High Speed Disc Sander

- Ideal for feather edging, light sanding and rust removal
- Designed to sand contours and hard to reach areas
- Variable speed regulator for on-the-job adjustment
- Ergonomic grip for operator comfort
- Lower dBA and lighter than competitive models
- 7/16"-20 spindle thread



MP6151

Model Number	Free Speed	Disc Capacity	Length		Weight		Hose Size		Air Consumption	Air Inlet
	OPM		in.	mm	lbs.	kg	in.	mm	CFM	NPT
Disk MP6151	14,000	5"	6 5/16	160	2.1	.95	3/8	10	22	1/4"
General: Air Inlet 1/4" NPT Use 3/8" (9.52 mm) I.D. hose MP4425 Use 1/4" (6.4 mm) I.D. hose MP6151 All tools performance rated @ 90psi (620 kPa) air pressure.			Standard Equipment: Owners Manual Parts Sheet MP4425: 543021 6" PSA pad			Optional Accessories: 6" H&L pad for model MP4425 - No. 543023 60538 Master Guard oil (4 oz.) 60539 Master Guard oil (1 qt.) 63593 8' Hose whip 22034 Hose line oiler				



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Vacuums

Air Vacs



MP8000, MP8001 & MP8002 Series Air Vacuums

- Moves water fast. Powerful motor delivers 116" water lift, 110 SCFM flow, and 60 gpm water pick-up capacity
- Low noise
- Lasts longer with little maintenance. No moving parts

- Increased power and efficiency from venturi system
- Overflow valve standard with all units
- Fine material filtering, down to 5 micron.
- Safe because it uses no electricity. Pick-up wet or dry and in other hazardous conditions*
- Cast aluminum epoxy coated heads for maximum corrosion resistance
- Recommended air supply hose size 1/2" I.D.



*CAUTION: VACUUM MUST BE GROUNDED AND CONDUCTIVE HOSE USED TO CONTROL STATIC ELECTRICITY.

Model Number	Description	Pick-up Hose	Water Lift	Flow SCFM	Weight lbs.	C.F.M @ 90 PSIG	Air Inlet	Standard Equipment
MP8000	6 Gallon Wet/Dry Air Vac	1 1/2"	116"	110	19.3	36	3/8"	10' x 1 1/2" Vinyl hose #710040 Two Stage filter cartridge #718460
MP8001	20 Gallon Wet/Dry Air Vac	1 1/2"	116"	110	39.5	36	3/8"	10' x 1 1/2" vinyl hose #710040 Two Stage filter cartridge #718461 Extra Heavy Duty 3 Wheel Dolly
MP8002	55 Gallon Wet/Dry Air Vac (Tank not included)	1 1/2"	116"	110	18.5	36	3/8"	10' x 1 1/2" vinyl hose #710040 Two Stage filter cartridge #718462

Note: Foam Muffler 80098300 used on all vacuums to reduce noise.



Vacuums

Air Vac Accessories



No. 710006 floor tool with brush, non metallic



No. 710017 overhead pipe cleaning tool (for pipes over 6" dia.)



No. 710032 aluminum extension, 54"



No. 710009 floor tool, metal with brush



No. 710018 overhead pipe cleaning tool (for pipes 4-6" dia.)



No. 710033 one piece double bend aluminum extension



No. 710034 Floor wand 2 piece 54" metal



No. 710011 floor tool, metal



No. 710025 non metallic bulk pickup nozzle



No. 710040 10' x 1 1/2" vinyl hose

No. 710041 15' x 1 1/2" vinyl hose

No. 710043 25' x 1 1/2" vinyl hose



No. 710012 squeegee tool, plastic



No. 710026 aluminum dust brush



No. 710044 conductive static hose with cuff 10' x 1 1/2"

No. 710045 conductive static hose with cuff 20" x 1 1/2"



No. 710013 12" floor tool



No. 710027 aluminum crevice tool



No. 710014 11" crevice, plastic



No. 710028 dust brush, plastic



No. 800992 coupling for 20' conductive hose



No. 710015 18" bulk pickup nozzle, aluminum



No. 710030 single bend aluminum extension



No. 710051 crevice tool



No. 710016 6" Nozzle



No. 710031 one piece wand, double bend

