

MP Series - MP4430

23,000 RPM 0.3 hp (0.223 kW)

- Ideal for general purpose applications such as porting, light weld grinding, polishing, and breaking up sharp edges
- Ergonomic grip for operator comfort
- Built-in power regulator
- 360° air inlet swivel
- Rear exhaust directs air away from work
- 1/4 in capacity collet



MP4430

MP Series - MP4458

25,000 RPM 0.5 hp (0.372 kW)

- Rugged, all-steel housing is ideal for rapid metal removal
- Trim, ergonomic design enables excellent control
- Front exhaust
- 1/4 in capacity collet - 200 Series



MP4458

Model Number	Hp	Free Speed	Mounted Wheels	Carbide Bur	Length		Weight		Hose (I.D.)		CFM	Inlet	Collet Size
		RPM			in	mm	lbs	kg	in	mm		NPT	
MP4430	0.3	23,000	1 in	1/2 in	6	153	0.875	0.41	3/8	10	17	1/4 in	1/4 in
MP4458	0.5	25,000	1 1/2 in	1 in	6 1/16	154	1.3	0.60	3/8	10	23	1/4 in	1/4 in

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

Optional: MP4424 & MP4430: 70619500 3/16" collet; 70610500 1/4" collet; 70610600 6 mm collet; MP4424: 543944 – 16oz. angle head grease.

12-11 Series - 300 Series Collet

25,000 - 28,000 RPM 0.3 hp (0.22 kW)

- 3" and 5" extended housings available
- Overhose available
- Multiple industrial bearings for low vibration and perfect balance



Exhaust		Collet Size	Free Speed (rpm)	Extension	Abrasive Capacity	Type Housing	Weight	Length	Air Inlet Size
Front	Rear								
Cat. No.	Cat. No.								
12L1111-36	—	1/4 in	25,000	3 in	1/2" Carbide Burr, 1" Mounted Wheel	Composite	1.1 lb 0.50 kg	8.9 in 226 mm	1/4 in
12L1100-36	12L1180-36	1/4 in	28,000	3 in	1/2" Carbide Burr, 1" Mounted Wheel	Composite	1.1 lb 0.50 kg	8.9 in 226 mm	1/4 in
12L1101-36	12L1181-36	1/4 in	28,000	5 in	1/2" Carbide Burr, 1" Mounted Wheel	Composite	1.3 lb 0.59 kg	10.9 in 277 mm	1/4 in
12L1112-36	—	1/4 in	25,000	5 in	1/2" Carbide Burr, 1" Mounted Wheel	Composite	1.3 lb 0.59 kg	10.9 in 277 mm	1/4 in

All tools performance rated @ 90 psi / 620 kPa air pressure.
Standard Equipment: Applicable collet, collet wrenches
Minimum Hose I.D.: 1/4 in / 4.8 mm

10-11 Series - 300 Series Collet

25,000 - 28,000 RPM 0.3 hp (0.22 kW)

- 3" & 5" extended housing for hard to reach areas
- Available in a variety of speeds
- Balanced and comfortable to minimize fatigue



Exhaust		Collet Size	Free Speed (rpm)	Extension	Abrasive Capacity	Type Housing	Weight	Length	Air Inlet Size
Front	Rear								
Cat. No.	Cat. No.								
10L1100-36	—	1/4 in	28,000	3 in	1/2" Carbide Burr, 1" Mounted Wheel	Aluminum	1.0 lb 0.45 kg	7.6 in 193 mm	1/4 in
10L1101-36	—	1/4 in	28,000	5 in	1/2" Carbide Burr, 1" Mounted Wheel	Aluminum	1.2 lb 0.54 kg	9.8 in 249 mm	1/4 in
10L1111-36	—	1/4 in	25,000	3 in	1/2" Carbide Burr, 1" Mounted Wheel	Aluminum	1.0 lb 0.45 kg	7.6 in 193 mm	1/4 in
10L1112-36	—	1/4 in	25,000	5 in	1/2" Carbide Burr, 1" Mounted Wheel	Aluminum	1.2 lb 0.54 kg	9.8 in 249 mm	1/4 in
—	10L1180-36	1/4 in	28,000	3 in	1/2" Carbide Burr, 1" Mounted Wheel	Aluminum	1.1 lb 0.50 kg	8.4 in 213 mm	1/8 in
—	10L1181-36	1/4 in	28,000	5 in	1/2" Carbide Burr, 1" Mounted Wheel	Aluminum	1.2 lb 0.54 kg	9.8 in 249 mm	1/4 in

All tools performance rated @ 90 psi / 620 kPa air pressure.
Standard Equipment: Applicable collet, collet wrenches
Minimum Hose I.D.: 1/4 in / 6.4 mm

12-26 Series - 5" (127 mm) Extension - 200 Series Collet

18,000 - 22,000 RPM 0.9 hp (0.67 kW)

- 5" Extended housing for hard to reach areas
- Available in a variety of speeds
- Balanced and comfortable to minimize fatigue



Exhaust		Collet Size	Free Speed (rpm)	Abrasive Capacity	Type Housing	Weight	Length	Air Inlet Size
Side	Rear							
Cat. No.	Cat. No.							
12L2662-01*	12L2682-01	1/4 in	12,000	1" Carbide Burr, 1.5" Mounted Wheel	Composite	2.9 lb 1.32 kg	12.9 in 328 mm	1/4 in
12L2602-01	—	1/4 in	18,000	1" Carbide Burr, 1.5" Mounted Wheel	Composite	2.9 lb 1.32 kg	12.9 in 328 mm	1/4 in
12L2668-01*	—	1/4 in	18,000	1" Carbide Burr, 1.5" Mounted Wheel	Composite	2.9 lb 1.32 kg	12.9 in 328 mm	1/4 in
12L2600-01	12L2680-01	1/4 in	22,000	1" Carbide Burr, 1.5" Mounted Wheel	Composite	2.9 lb 1.32 kg	12.9 in 328 mm	1/4 in

All tools performance rated @ 90 psi / 620 kPa air pressure.

Standard Equipment: Applicable collet, collet wrenches

Minimum Hose I.D.: 5/16 in / 7.9 mm

* Governed

12-26 Series - Multiple Extension

18,000 RPM 0.9 hp (0.67 kW)

- Can be customized with multiple extensions for access to the most far-reaching areas
- Multiple industrial bearings provides optimal balance and power transfer
- Designed to work comfortably with the operator
- Available with 300 series 1/4" collet and 3/8-24" external thread



Cat. No.	Exhaust	Termination	Free Speed (rpm)	Extension	Abrasive Capacity	Type Housing	Weight	Length	Air Inlet Size
12S2674-1A	Rear	1/4" Collet	18,000	7.25 in	3/4" Carbide Burr, 1.5" Mounted Wheel	Composite	3.0 lb 1.36 kg	16.3 in 414 mm	1/4 in
12S2674-2A	Rear	1/4" Collet	18,000	14.50 in	3/4" Carbide Burr, 1.5" Mounted Wheel	Composite	4.2 lb 1.91 kg	23.5 in 597 mm	1/4 in
12S2674-2C	Rear	3/8" - 24 e	18,000	14.50 in	1.25" Cone or Plug Wheel	Composite	4.2 lb 1.91 kg	23.5 in 597 mm	1/4 in
12S2674-3A	Rear	1/4" Collet	18,000	21.75 in	3/4" Carbide Burr, 1.5" Mounted Wheel	Composite	5.4 lb 2.45 kg	30.8 in 782 mm	1/4 in
12S2674-3C	Rear	3/8" - 24 e	18,000	21.75 in	1.25" Cone or Plug Wheel	Composite	5.4 lb 2.45 kg	30.8 in 782 mm	1/4 in
12S2674-4A	Rear	1/4" Collet	18,000	29.00 in	3/4" Carbide Burr, 1.5" Mounted Wheel	Composite	6.6 lb 2.99 kg	38.0 in 965 mm	1/4 in
12S2674-4C	Rear	3/8" - 24 e	18,000	29.00 in	1.25" Cone or Plug Wheel	Composite	6.6 lb 2.99 kg	38.0 in 965 mm	1/4 in
12S2674-5A	Rear	1/4" Collet	18,000	36.25 in	3/4" Carbide Burr, 1.5" Mounted Wheel	Composite	7.8 lb 3.54 kg	45.3 in 1151 mm	1/4 in
12S2674-5C	Rear	3/8" - 24 e	18,000	36.25 in	1.25" Cone or Plug Wheel	Composite	7.8 lb 3.54 kg	45.3 in 1151 mm	1/4 in

All tools performance rated @ 90 psi / 620 kPa air pressure.

Standard Equipment: Applicable collet, collet wrenches

Minimum Hose I.D.: 5/16 in / 7.9 mm

236 Series - Extended - 200 Series Collet

24,000 RPM 0.9 hp (0.6 kW)

- Rugged all aluminum housing
- Heavy industrial use for shipyards, foundries, metal fabrication, rail yards, etc.
- 5" Extended housing for hard to reach areas
- Offers higher horsepower and torque levels than similar competitive tools



Cat. No.	Exhaust	Collet Size	Free Speed (rpm)	Abrasive Capacity	Type Housing	Weight	Length	Air Inlet Size
236GEL-240-C4	Side	1/4 in	24,000	1" Carbide Burr, 2" Mounted Wheel	Aluminum	2.3 lb 1.04 kg	12.4 in 315 mm	1/4 in
236GELR-180-C4	Rear	1/4 in	18,000	1" (25 mm) Carbide Burr, 2" (50 mm) Mounted Wheel	Aluminum	2.2 lb 1.00 kg	12.3 in 312 mm	1/4 in

All tools performance rated @ 90 psi / 620 kPa air pressure.
Standard Equipment: Applicable collet, collet wrenches
Minimum Hose I.D.: 5/16 in / 7.9 mm

25 Series - Extended - Governed - 200 Series Collet

18,000 RPM 1.4 hp (1.0 kW)

- Lightweight, Ergonomic housing
- Heavy industrial use for shipyards, foundries, metal fabrication, rail yards, etc.
- Extended housing for hard to reach areas
- Offers higher horsepower and torque levels than similar competitive tools



Cat. No.	Collet Size	Free Speed (rpm)	Abrasive Capacity	Type Housing	Weight	Length	Air Inlet Size
25GELC-120-C4	1/4 in	12,000	1.25" Carbide Burr, 2" Mounted Wheel	Aluminum	3.0 lb 1.36 kg	14.5 in 368 mm	3/8 in
25GELC-180-C4	1/4 in	18,000	1.25" Carbide Burr, 2" Mounted Wheel	Aluminum	3.0 lb 1.36 kg	14.5 in 368 mm	3/8 in

All tools performance rated @ 90 psi / 620 kPa air pressure.
Standard Equipment: Applicable collet, collet wrenches
Minimum Hose I.D.: 3/8 in / 9.5 mm

12LF Series - 300 Series Collet

12,000 - 20,000 RPM 0.4 hp (0.29 kW)

- Composite housing
- Front and rear exhaust models available
- Ergonomic and balanced design minimizes operator fatigue



Exhaust		Collet Size	Free Speed (rpm)	Abrasive Capacity	Type Housing	Weight	Length	Head Height
Front	Rear							
Cat. No.	Cat. No.							
12LF200-36	12LF280-36	1/4 in	12,000	1/2" Carbide Burr, 1" Mounted Wheel	Composite	1.1 lb 0.50 kg	6.6 in 168 mm	2.7 in
12LF201-36	12LF281-36	1/4 in	20,000	1/2" Carbide Burr, 1" Mounted Wheel	Composite	1.1 lb 0.50 kg	6.6 in 168 mm	2.7 in

All tools performance rated @ 90 psi / 620 kPa air pressure.
Standard Equipment: Applicable collet, collet wrenches
Minimum Hose I.D.: 1/4 in / 4.8 mm

10LF Series - 300 Series Collet

12,000 - 20,000 RPM 0.4 hp (0.29 kW)

- Aluminum housing for high durability
- Front and rear exhaust models available
- Well suited for any industrial grinding application



Exhaust		Collet Size	Free Speed (rpm)	Abrasive Capacity	Type Housing	Weight	Length	Head Height
Front	Rear							
Cat. No.	Cat. No.							
10LF200-36	10LF280-36	1/4 in	12,000	1/2" Carbide Burr, 1" Mounted Wheel	Aluminum	1.1 lb 0.50 kg	6.6 in 168 mm	2.7 in
10LF201-36	10LF281-36	1/4 in	20,000	1/2" Carbide Burr, 1" Mounted Wheel	Aluminum	1.1 lb 0.50 kg	6.6 in 168 mm	2.7 in

All tools performance rated @ 90 psi / 620 kPa air pressure.
Standard Equipment: Applicable collet, collet wrenches
Minimum Hose I.D.: 1/4 in / 4.8 mm

MP Series - MP4424

20,000 RPM 0.3 hp (0.223 kW)

- Ideal for general purpose applications such as porting, light weld grinding, polishing, and breaking up sharp edges
- Ergonomic grip for operator comfort
- Built-in power regulator
- 360° air inlet swivel
- Rear exhaust directs air away from work
- 1/4 in capacity collet



Model Number	Hp	Free Speed	Mounted Wheels	Carbide Burr	Length		Weight		Hose (I.D.)		CFM	Inlet	Collet Size
		RPM			in	mm	lbs	kg	in	mm		NPT	
MP4424	0.3	20,000	1 in	1/2 in	6 3/8	160	1.25	0.55	3/8	10	18	1/4 in	1/4 in

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

Optional: MP4424: 70619500 3/16" collet; 70610500 1/4" collet; 70610600 6 mm collet; 543944 - 16oz. angle head grease.

12-13 Series - Gearless - 300 Series Collet

20,000 - 30,000 RPM 0.3 hp (0.22 kW)

- Composite housing
- Front and rear exhaust models available
- Suitable for a wide range of finishing and deburring applications



Exhaust		Collet Size	Free Speed (rpm)	Abrasive Capacity	Type Housing	Weight	Length	Head Height
Front	Rear							
Cat. No.	Cat. No.							
12L1302-36	12L1382-36	1/4 in	20,000	1/2" Carbide Burr, 1" Mounted Wheel	Composite	1.1 lb 0.50 kg	7.1 in 180 mm	3.7 in
12L1301-36	12L1381-36	1/4 in	25,000	1/2" Carbide Burr, 1" Mounted Wheel	Composite	1.1 lb 0.50 kg	7.1 in 180 mm	3.7 in
12L1300-36	12L1380-36	1/4 in	30,000	1/2" Carbide Burr, 1" Mounted Wheel	Composite	1.1 lb 0.50 kg	7.1 in 180 mm	3.7 in

All tools performance rated @ 90 psi / 620 kPa air pressure.
Standard Equipment: Applicable collet, collet wrenches
Minimum Hose I.D.: 1/4 in / 4.8 mm

12-23 Series - Gearless - 200 Series Collet

20,000 RPM 0.5 hp (0.38 kW)

- Composite housing
- Front, side and rear exhaust models available
- Suitable for a wide range of finishing and deburring applications



Cat. No.	Collet Size	Free Speed (rpm)	Abrasive Capacity	Type Housing	Weight	Length	Head Height	Air Inlet Size
12L2384-01	1/4 in	20,000	3/4" Carbide Burr, 1.25" Mounted Wheel	Composite	2.0 lb 0.91 kg	7.5 in 191 mm	5.5 in	1/4 in

All tools performance rated @ 90 psi / 620 kPa air pressure.
Standard Equipment: Applicable collet, collet wrenches
Minimum Hose I.D.: 1/4 in / 4.8 mm

12-22 Series - 300 Series Collet

12,000 RPM 0.6 hp (0.45 kW)

- Ergonomic composite housing
- Heavy duty low profile head for greater accessibility
- High output motor in a lightweight package
- 3" Extended head available



Cat. No.	Termination	Free Speed (rpm)	Extension	Abrasive Capacity	Type Housing	Weight	Length	Air Inlet Size
12L2277-36	1/4" Collet	12,000	3 in	1/2" Carbide Burr, 1" Mounted Wheel	Composite	2.2 lb 1.00 kg	10.0 in 254 mm	1/4 in
12L2278-36	1/4" Collet	14,500	3 in	1/2" Carbide Burr, 1" Mounted Wheel	Composite	2.2 lb 1.00 kg	10.0 in 254 mm	1/4 in
12L2218-36	1/4" Collet	18,000	0 in	1/2" Carbide Burr, 1" Mounted Wheel	Composite	1.7 lb 0.77 kg	7.5 in 191 mm	1/4 in

All tools performance rated @ 90 psi / 620 kPa air pressure.
Standard Equipment: Applicable collet, collet wrenches
Minimum Hose I.D.: 5/16 in / 7.9 mm

12-22 Series - Heavy Duty Head - 200 Series Collet

9,000 RPM 0.6 hp (0.45 kW)

- Composite housing
- Front, side, and rear exhaust models available
- Ergonomic and balanced design minimized operator fatigue



Cat. No.	Collet Size	Free Speed (rpm)	Abrasive Capacity	Type Housing	Weight	Length	Head Height	Air Inlet Size
12L2251-01	1/4 in	9,000	3/4" Carbide Bur, 2" Mounted Wheel	Composite	3.2 lb 1.45 kg	9.3 in 236 mm	3.9 in	1/4 in
12L2252-01	1/4 in	11,000	3/4" Carbide Burr, 2" Mounted Wheel	Composite	3.2 lb 1.45 kg	9.3 in 236 mm	3.9 in	1/4 in

All tools performance rated @ 90 psi / 620 kPa air pressure.
Standard Equipment: Applicable collet, collet wrenches
Minimum Hose I.D.: 5/16 in / 7.9 mm

216 Series - Heavy Duty Head - 200 Series Collet

11,500 - 16,500 RPM 0.7 hp (0.4 kW)

- Rugged and durable aluminum housing
- Designed for heavy industries such as shipbuilding, foundries, metal fabrication, etc.
- Robust angle head design provides excellent durability



Cat. No.	Exhaust	Collet Size	Free Speed (rpm)	Abrasive Capacity	Type Housing	Weight	Length	Head Height	Air Inlet Size
216GLF-115A-C4	Front	1/4 in	11,500	1" Carbide Burr	Aluminum	2.4 lb 1.09 kg	7.1 in 180 mm	2.2 in	1/4 in
216GLFC-165A-C4	Rear	1/4 in	16,500	3/4" Carbide Burr	Aluminum	1.7 lb 0.77 kg	9.1 in 231 mm	2.2 in	1/4 in
216GLSC-165A-C4	Side	1/4 in	16,500	3/4" Carbide Burr	Aluminum	1.7 lb 0.77 kg	9.1 in 231 mm	2.2 in	1/4 in

All tools performance rated @ 90 psi / 620 kPa air pressure.
Standard Equipment: Applicable collet, collet wrenches
Minimum Hose I.D.: 1/4 in / 4.8 mm

236 Series - Heavy Duty Head - 200 Series Collet

11,500 - 16,500 RPM 0.8 hp (0.6 kW)

- Rugged and durable aluminum housing
- Designed for heavy industries such as shipbuilding, foundries, metal fabrication, etc.
- Robust angle head design provides excellent durability



Cat. No.	Exhaust	Collet Size	Free Speed (rpm)	Abrasive Capacity	Type Housing	Weight	Length	Head Height	Air Inlet Size
236GLF-115A-C4	Front	1/4 in	11,500	1" (25 mm) Carbide Burr, 2" (50 mm) Mounted Wheel	Aluminum	2.6 lb 1.18 kg	7.6 in 193 mm	2.2 in	1/4 in
236GLR-115A-C4	Rear	1/4 in	11,500	1" (25 mm) Carbide Burr, 2" (50 mm) Mounted Wheel	Aluminum	2.1 lb 0.95 kg	8.3 in 211 mm	2.2 in	1/4 in
236GLSC-115A-C4	Side	1/4 in	11,500	1" (25 mm) Carbide Burr, 2" (50 mm) Mounted Wheel	Aluminum	2.0 lb 0.91 kg	9.6 in 244 mm	2.2 in	1/4 in
236GLFC-165A-C4	Front	1/4 in	16,500	3/4" Carbide Burr	Aluminum	2.0 lb 0.91 kg	9.6 in 244 mm	2.2 in	1/4 in

All tools performance rated @ 90 psi / 620 kPa air pressure.
Standard Equipment: Applicable collet, collet wrenches
Minimum Hose I.D.: 5/16 in / 7.9 mm

12-27 Series - Heavy Duty Head - 200 Series Collet

6,000 - 11,000 RPM 0.9 hp (0.67 kW)

- Composite housing
- Front, side and rear exhaust models available
- Robust design perfectly suited for industrial applications



Cat. No.	Exhaust	Collet Size	Free Speed (rpm)	Abrasive Capacity	Type Housing	Weight	Length	Head Height	Air Inlet Size
12L2750-01	Side	1/4 in	6,000	1" Carbide Burr, 1" Mounted Wheel	Composite	3.4 lb 1.54 kg	9.8 in 249 mm	3.9 in	1/4 in
12L2780-01	Rear	1/4 in	6,000	3/4" Carbide Burr, 2" Mounted Wheel	Composite	3.4 lb 1.54 kg	9.8 in 249 mm	3.9 in	1/4 in
12L2751-01	Front	1/4 in	9,000	3/4" Carbide Burr, 2" Mounted Wheel	Composite	3.4 lb 1.54 kg	9.8 in 249 mm	3.9 in	1/4 in
12L2752-01	Side	1/4 in	11,000	3/4" Carbide Burr, 2" Mounted Wheel	Composite	3.4 lb 1.54 kg	9.8 in 249 mm	3.9 in	1/4 in
12L2782-01	Rear	1/4 in	11,000	3/4" Carbide Burr, 2" Mounted Wheel	Composite	3.4 lb 1.54 kg	9.8 in 249 mm	3.9 in	1/4 in

All tools performance rated @ 90 psi / 620 kPa air pressure.
Standard Equipment: Applicable collet, collet wrenches
Minimum Hose I.D.: 5/16 in / 7.9 mm

12-27 Series - 300 Series Collet

18,000 RPM 0.9 hp (0.67 kW)

- Composite housing
- Powerful motor with rear exhaust
- Robust design perfectly suited for industrial applications
- Standard 3" extension



Cat. No.	Collet Size	Free Speed (rpm)	Extension	Abrasive Capacity	Type Housing	Weight	Length
12L2777-36	1/4 in	12,000	3 in	3/4" Carbide Burr, 1.25" Mounted Wheel	Composite	2.3 lb 1.04 kg	10.5 in 267 mm
12L2776-36	1/4 in	13,500	3 in	3/4" Carbide Burr, 1.25" Mounted Wheel	Composite	2.3 lb 1.04 kg	10.5 in 267 mm
12L2778-36	1/4 in	14,500	3 in	3/4" Carbide Burr, 1.25" Mounted Wheel	Composite	2.3 lb 1.04 kg	10.5 in 267 mm
12L2718-36	1/4 in	18,000	0 in	3/4" Carbide Burr, 1.25" Mounted Wheel	Composite	1.9 lb 0.86 kg	8.0 in 203 mm

*All tools performance rated @ 90 psi / 620 kPa air pressure.
Standard Equipment: Applicable collet, collet wrenches
Minimum Hose I.D.: 5/16 in / 7.9 mm*