



# ***Buffers & Polishers***

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***Continued Leadership In Portable Abrasive Power Tool Technology***

***[www.dynabrade.com](http://www.dynabrade.com)***

# Dynabuffer

## Air-Powered Buffing Tool

**ABRASIVE  
CAPACITY**
**POLISHING BUFFS**  
 3" and 5" diameter  
 (76 mm and 127 mm)

Ideal for use in Two-Step Polishing System (see page 83)

- Offered in 3" and 5" diameters, Dynabuffer moves backup pad and optional polishing buff in 14 mm diameter offset orbit.
- Each model runs at 10,000 RPM free speed, then slows to indicated speed under load.
- Patented balancer compensates for vibration when running under load, resulting in a smooth operating performance. (Patent 6,206,771).
- Rear exhaust muffler design reduces sound levels.
- For best performance, use 95676 Coupler/Plug Assembly (see page 161).

### Model 57126 3" Diameter

- Excellent for buffing out sanding scratches.
- Tool slows to 7,000 RPM when running under load.
- Optimum air pressure for this model is 80 PSIG.
- Non-marring housing cover is insulated for operator comfort.
- Throttle lever may be positioned for right or left hand operation. Optional 01462 Safety-Lock Lever available.
- Tool includes 56145 Hook-Face backup pad, and 97166 Hanger Bracket. Polishing buffs are sold separately.
- Optional 53163 Side Handle available.



To prevent "slinging" of the polishing compound, keep Dynabuffer ON the work surface as you stop the tool.

14 mm Dia. Random  
Orbital Motion



Model 57126



57126 Dynabuffer is ideal for repairing minor surface defects in clear coat.

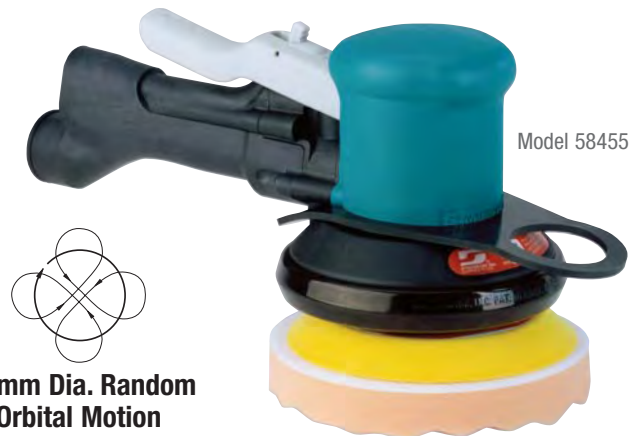
### Model 58455 5" Diameter

- Tool slows to 5,000 RPM when running under load.
- Shown with optional 56195 Hook-Face Random Orbital Sanding Pad, and optional polishing pad.
- Optimum air pressure for this model is 90 PSIG.



For most efficient polishing, place approximately 10 lbs. of pressure on pad while Dynabuffer is in use.

14 mm Dia. Random  
Orbital Motion



Model 58455

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Pressure PSIG (Bar)	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57126	.16 (119)	7,000	74 dB(A)	20 (566)	3/8 (10)	80 (5.5)	5/16"-24 Female	2.0 (0.9)	8-1/4 (210)	3-1/8 (80)
58455	.21 (157)	5,500	85 dB(A)	16 (453)	1/4" (8)	90 (6.2)	5/16"-24 Female	2.7 (1.2)	11 (277)	4-15/16 (125)

Tune-Up Kit: 3" Model – No. 96537; 5" Model – No. 96122 (page 192) • Additional Specifications: Air Inlet Thread 1/4" NPT





# “Two-Step” System

## Utilizing Mini-Orbital Sander and Dynabuffer

A Proven Method for Repairing Minor Surface Defects in Clearcoat

### STEP ONE

*Choose One of These Tools:*

**Model 58037 12,000 RPM  
Right Angle Mini-Orbital Sander**

- See page 74 for full details.  
(Various models may be used.)

**Model 57502 7,500 RPM  
Palm-Style Mini-Dynorbital® Sander**

- See page 54 for full details.  
Model 57503 (5,000 RPM) may also be used.



Model 58037  
(12,000 RPM)



Model 57502  
(7,500 RPM)

### STEP ONE Procedure:

Using one of these tools, attach abrasive disc to sanding pad, then apply water to the abrasive. Place the sanding pad on the defect, positioning it slightly off-center, and apply slight pressure. Throttle the tool on and sand in a random motion for two seconds. Keep the sanding pad FLAT while sanding, letting the tool and abrasive do the work. Try to keep the sanded area as small as possible. Remove tool from surface and throttle tool off (“start on, stop off”). Wipe surface dry with a clean soft cloth.



Model 58037

Left:  
58037 Right Angle  
Mini-Orbital Sander  
sands a defect in  
clearcoat.

### STEP TWO

*Choose One of These Tools:*

**Model 57126 Dynabuffer  
3" Diameter**

- See page 82 for full details.

**Model 58455 Dynabuffer  
5" Diameter**

- See page 82 for full details.

### STEP TWO Procedure:

Apply a small amount of polishing compound to buffing pad on Dynabuffer, spreading compound evenly to precondition pad. Then apply small drop of polishing compound to work surface, and use the pad to spread compound evenly over sanded area. Place the pad on the sanded area and apply pressure (approximately 3 lbs. of pressure with 3" diameter tool, and 10 lbs. of pressure with 5" diameter tool). Throttle the tool on, and adjust pressure to minimize vibration (finding the “sweet spot”). Then move pad in a random motion for ten seconds, keeping pad flat or tipped slightly forward. This will eliminate compound slinging, swirl marks, haze and scratches. Wipe the area clean with a soft cloth and inspect. If imperfections are still visible, repeat process as needed.



Model 57126

57126 Dynabuffer polishes clearcoat as “step two”.

# 3" Diameter Buffers

**.25 hp, Air-Powered Buffering Tool**

**ABRASIVE CAPACITY**  
**TERRY CLOTH, WOOL, FOAM BUFFS**  
 3" (76 mm) diameter

**For Repair of Sanding Scratches on Clearcoat**

## Model 57550 3" Diameter, 2,400 RPM

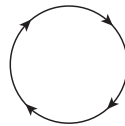
- Excellent for buffing and polishing fiberglass, plastics and other materials.
- Includes 50125 rigid 3" backing pad, 90027 Terry Cloth Pad and 90028 Wool Pad.
- Low profile housing; rear exhaust; lever throttle.
- Shown with optional 94300 Dynaswivel® and optional 94990 Coupler/Plug Assembly (see page 161).



Model 57550



57550 Palm-Style Buffer utilized on a solid surface sink bowl.



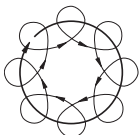
**Rotary Orbital Motion**



Use Dynabrade Finesse Sanding Cream and Dynabrade Glaze to achieve a superior high gloss finish after compounding.

## Model 57553 Versatility Kit

- Efficiently repair dust nibs and scratches on clear coat.
- Quick, simple spot repair on painted surfaces.
- Mini Random Orbital Sander; 3" Buffer; 3-1/2" Disc Sander.
- Includes: 2,400 RPM basic tool; 54476 Mini-Orbital Head; 3" backing pad; 1-1/4" and 3-1/2" dia. vinyl-face pads; 3" dia. terry cloth bonnet, wool bonnet and foam "flat face" pad; 95723 Dynabrade Finesse-It Creme; 95727 Dynabrade Glaze, sample discs and sample abrasive pack. (14 mm and 19 mm wrenches also included; not shown.)



**3/16" (5 mm) Dia. Orbit**  
 (with 54776 Head Attached)



Roloc is a registered trademark of 3M Company

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57550	.25 (186)	2,400	82 dB(A)	18 (510)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.9 (.9)	5-3/8 (137)	4-1/4 (108)

**Tune-Up Kit: No. 96107** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# 3" Diameter Buffers

## .4 hp, Air-Powered Buffing Tool

**ABRASIVE CAPACITY**  
**TERRY CLOTH, WOOL, FOAM BUFFS**  
 3" (76 mm) diameter

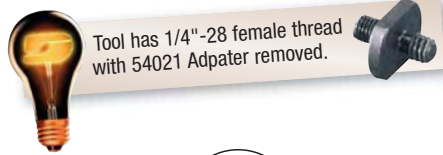
**For Repair of Sanding Scratches on Clearcoat**

### Model 53440 3" Diameter, 3,200 RPM

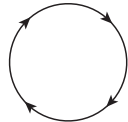
- Tool comes mounted with 54021 Adapter (1/4"-20 male thread).
- Includes 50120 Hook-Face Pad (3" diameter), which mounts directly to 54021 Adapter.
- Also includes 90027 Terry Cloth Bonnet and 90028 Wool Buffing Bonnet.
- Rear exhaust, lever throttle, rotary action.



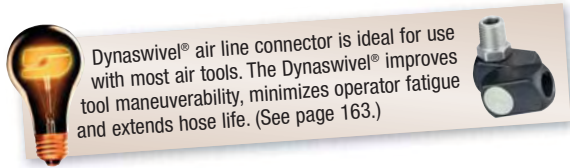
Model 53440



Tool has 1/4"-28 female thread with 54021 Adapter removed.



**Rotary Orbital Motion**



Dynaswivel® air line connector is ideal for use with most air tools. The Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 163.)



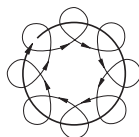
Model 53440

Model 53440 achieves high gloss finish when used with Dynabrade Finesse Sanding Creme and Dynabrade Glaze (each sold separately).

### Model 53403 Versatility Kit

- Repair dust nibs and scratches on clearcoat.
- Includes: 3,200 RPM air tool, 54028 Random Orbital Sanding Head, two sanding pads, 50120 Hook 'n Loop Pad for bonnets, 54021 Adapter, wool and terry cloth bonnets, 95723 Finesse Sanding Creme, 95727 Dynabrade Glaze, assorted wrenches and sample abrasives.

Note: Optional 54585 Side Handle Assembly available.



**3/16" (5 mm) Dia. Orbit**  
 (with 54028 Head Attached)



Model 53403

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53440	.4 (298)	3,200	83 dB(A)	23 (651)	1/4 (6)	1/4" NPT	1/4"-20 Female	1.9 (.9)	11-3/8 (289)	2-3/4 (70)

Tune-Up Kit: No. 96333 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# 3" Diameter Buffers

## .4 hp, Air-Powered Buffering Tools

**ABRASIVE CAPACITY**  
**POLISHING BUFFS**  
 3" and 6"-8" diameter  
 (76 mm, 152 mm - 203 mm)

For Quick and Easy Spot Repair on a Variety of Surfaces

### 3" Diameter, .4 hp, Right Angle, Rear Exhaust

#### Model 53460 3,200 RPM

- Features high torque, variable speed air motor. Lubricated gears; rotary action.
- Tool comes with 50122 Hook-Face backup pad, 3" diameter.
- Includes 90027 Terry Cloth Bonnet and 90028 Wool Buffering Bonnet.

#### 53465 Sander/Buffer Versatility Kit

- All that is needed for quick, simple spot repair on a variety of surfaces.
- Includes: Model 53417 Air Tool (3,200 RPM) with 54028 Random Orbital Sanding Head; 54021 Adapter (1/4"-28 to 1/4"-20 male); 54017 Vinyl Sanding Pad (3/4" dia.) 54018 Vinyl Sanding Pad (1-1/4" dia.); 50120 Hook-Face Pad (3" dia.); 90027 Terry Cloth Bonnet (3" dia.); 90028 Wool Buffering Pad (3" dia.); 95727 Dynabrade Glaze; 95723 Finesse Sanding Creme; 95848 Gear Oil; 95542 Grease; two 95541 Grease Guns; 95262 Wrench (14 mm); 95281 Wrench (19 mm); and sample abrasives.
- Refer to the Random Orbital Sander section (page 57) for the 53417 Mini-Dynorbital® tool specifications.



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53460	.4 (298)	3,200	81 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.9 (.9)	7 (178)	2-3/4 (70)

**Tune-Up Kit: No. 96179** • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### 3" Diameter, 7° Offset, Rear Exhaust

- 7° offset ergonomic design for control and comfort.
- High torque planetary-gear air motor; muffler reduces sound level.
- Standard rotary action.

#### Model 51400 3,200 RPM

#### Model 51401 5,000 RPM

- Includes 50126 Hook-Face Pad, 90027 Terry Cloth Bonnet and 90028 Wool Buffering Bonnet.
- 3/8"-24 Male Thread.

#### 51405 Versatility Kit

- Includes: 51400 air tool; 3" hook-face backing pad, terry cloth bonnet, wool bonnet and foam "flat face" pad; Dynabrade Finesse-It Creme; Dynabrade Glaze and 14 mm open end wrench (not shown).



Model 51400 achieves high gloss finish when used with 95723 Dynabrade Finesse Sanding Creme and 95727 Dynabrade Glaze (each sold separately).



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51400	.4 (298)	3,200	80 dB(A)	24 (680)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.7 (.8)	8-3/4 (222)	4-1/4 (108)
51401	.4 (298)	5,000	78 dB(A)	24 (680)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.7 (.8)	8-3/4 (222)	4-1/4 (108)

**Tune-Up Kit: No. 96174** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# 5"-8" Diameter Buffers

**.4 hp and .7 hp, Air-Powered Buffing Tools**

**ABRASIVE CAPACITY**  
**POLISHING ACCESSORIES**  
 5", 6" and 8" diameter  
 (127 mm, 152 mm, 203 mm)

Excellent for Buffing and Polishing Fiberglass, Plastics and Other Materials

**5" Diameter, 7° Offset, .4 hp**

**Model 51430 3,200 RPM**

- Includes 50147 Hook-Face Pad and 90040 Foam "Flat Face" Buffing Pad.
- Shown with optional 13141 Side Handle/Collar Assembly.
- 3/8"-24 Male Thread.
- Extended muffler design.



Model 51430

**Rotary Orbital Motion**  
 (All models on page)

Dynaswivel® air line connector is ideal for use with most air tools. The Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 163.)

**5" - 8" Diameter, 7° Offset, .7 hp**

- Conventional rotary action.
- 7° offset ergonomic design for control and comfort.
- High torque planetary-gear air motor; muffler reduces sound level.
- Includes safety-lock lever and soft-grip handle.
- Backup pad and polishing pad sold separately.

**Model 51450 3,400 RPM, 5/8"-11 Male Thread**

**Model 51451 4,500 RPM, 5/8"-11 Male Thread**

**Model 51454 3,400 RPM, M14 Male Thread**

**Model 51455 4,500 RPM M14 Male Thread**



Model 51450

51450 Polisher shown with optional backup pad and optional polishing pad.

The use of a filter-regulator-lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 162.)

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51430	.4 (298)	3,200	80 dB(A)	24 (680)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.4 (1.1)	9-3/4 (248)	4-1/2 (114)
51450/51454	.7 (522)	3,400	78 dB(A)	46 (1,303)	3/8 (10)	1/4" NPT	5/8"-11 Male/M14	4.1 (1.9)	10-4/5 (275)	5-4/5 (148)
51451/51455	.7 (522)	4,500	79 dB(A)	46 (1,303)	3/8 (10)	1/4" NPT	5/8"-11 Male/M14	4.1 (1.9)	10-4/5 (275)	5-4/5 (148)

**Tune-Up Kit:** 6" Models – No. 96234; Collet Models – No. 96174 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# 6"-8" Diameter Buffers

## 1 hp, Air-Powered Buffing Tools

**ABRASIVE CAPACITY**  
**POLISHING BUFFS**  
 6"-8" diameter  
 (152 mm - 203 mm)

For Quick and Easy Spot Repair on a Variety of Surfaces

### 6"-8" Diameter, .7 hp

- Ideal for use with optional 6" to 8" buffing accessories. Safety-lock throttle included.

### 5/8"-11 Male Thread

**Model 51470 0-2,000 RPM**

**Model 51472 0-3,100 RPM**

### M14 Male Thread

**Model 51600 0-2,000 RPM**

**Model 51601 0-3,100 RPM**



**50791 Accessory Kit 6" Diameter**

**50792 Accessory Kit 8" Diameter**

- Includes 50828 (6" dia.) or 50829 (8" dia.) Disc Pad; 96302 Overhose Assembly; 96323 Air Line 3/8"; 95848 Gear Oil (2.5 oz. tube); 95542 Grease; 95541 Grease Gun (2).

**NOTE:** For old-style tools 50816, 50823 and 50851, order 50797 (6" dia.) or 50798 (8" dia.) Accessory Kit.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51470/51600	.7 (522)	0-2,000	82 dB(A)	41 (1,161)	3/8 (10)	1/4" NPT	5/8"-11 Male/M14	4.8 (2.2)	13 (330)	3-1/8 (79)
51472/51601	.7 (522)	0-3,100	80 dB(A)	41 (1,161)	3/8 (10)	1/4" NPT	5/8"-11 Male/M14	4.8 (2.2)	13 (330)	3-1/8 (79)

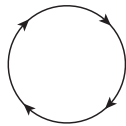
**Tune-Up Kit:** 6"-8" Models – **No. 96178** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### 6"-8" Diameter, .7 hp

**Model 51459 5/8"-11 Male Thread**

**Model 51458 M14 x 2 Male Thread**

- .7 hp air motor, running at 2,500 RPM.
- Standard safety-lock lever.
- Shown with optional 50853 Backup Pad and optional 90082 Polishing Pad.



**Rotary Orbital Motion**  
 (All models on page)



Model Number	Motor hp (W)	Motor RPM	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Air Pressure PSIG (Bar)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51458/51459	.7 (522)	2,500	27 (765)	3/8 (10)	1/4" NPT	90 (6.2)	5.3 (2.4)	11-3/4 (301)	4 (102)

**Tune-Up Kit:** 51459 – **No. 96672**; 51458 – **No. 96532** (page 192)

### 6"-8" Diameter, 1 hp

- Ideal for use with optional 6" to 8" buffing accessories.
- Highest quality air motor has variable speed.
- Planetary gear set is easily lubricated for extended tool life.
- Safety-lock throttle and soft-grip handle (adjusts to left or right hand).

### 5/8"-11 Male Thread

**Model 51390 1,250 RPM**

**Model 51391 1,800 RPM**

**Model 51392 2,800 RPM**

**Model 51393 4,500 RPM**

### M14 Male Thread

**Model 51394 1,250 RPM**

**Model 51395 1,800 RPM**

**Model 51396 2,800 RPM**

**Model 51397 4,500 RPM**



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51390/51394	1 (744)	1,250	83 dB(A)	42 (1,201)	3/8 (10)	3/8" NPT	5/8"-11 Male/M14	4.5 (2.1)	13-1/8 (333)	3-3/4 (95)
51391/51395	1 (744)	1,800	82 dB(A)	42 (1,187)	3/8 (10)	3/8" NPT	5/8"-11 Male/M14	4.5 (2.1)	13-1/8 (333)	3-3/4 (95)
51392/51396	1 (744)	2,800	80 dB(A)	41 (1,167)	3/8 (10)	3/8" NPT	5/8"-11 Male/M14	4.5 (2.1)	13-1/8 (333)	3-3/4 (95)
51393/51397	1 (744)	4,500	79 dB(A)	35 (997)	3/8 (10)	3/8" NPT	5/8"-11 Male	4.0 (1.8)	11-11/16 (296)	3-3/4 (95)

**Tune-Up Kit:** No. 96532 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# Straight-Line Buffer

**.4 hp and .7 hp, Air-Powered Models**

**ABRASIVE CAPACITY**  
**VARIOUS BUFFING AND POLISHING ACCESSORIES**

**Excellent for Buffing and Polishing Fiberglass, Plastics and Other Materials**

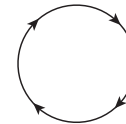
**Straight-Line, Rear Exhaust**

- Shown with optional 95749 Mandrel (1/2") and optional 90024 Cotton Buff Wheels (4" dia. x 1/2" wide).
- Planetary gear allows tool to run at proper speed under load to achieve desired finish.



Model 52101

Mandrel and Wheels Sold Separately



**Rotary Orbital Motion**  
 (All models on page)

**.4 hp, 1/4" Collet**

**Model 51200 950 RPM**

**Model 51201 3,200 RPM**

**Model 51202 5,000 RPM**

**.4 hp, 6 mm Collet**

**Model 51203 950 RPM**

**Model 51204 3,200 RPM**

**Model 51205 5,000 RPM**

**.7 hp, 1/4" Collet**

**Model 52100 950 RPM**

**Model 52101 3,400 RPM**

**Model 52102 4,500 RPM**

**.7 hp, 6 mm Collet**

**Model 52103 950 RPM**

**Model 52104 3,400 RPM**

**Model 52105 4,500 RPM**

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51200/51203	.4 (298)	950	82 dB(A)	23 (651)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.1 (1.0)	10-3/8 (264)	1-5/8 (40)
51201/51204	.4 (298)	3,200	81 dB(A)	23 (651)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (0.8)	9-1/8 (232)	1-5/8 (40)
51202/51205	.4 (298)	5,000	84 dB(A)	23 (651)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (0.8)	9-1/8 (232)	1-5/8 (40)
52100/52103	.7 (522)	950	84 dB(A)	34 (957)	3/8 (10)	1/4" NPT	1/2"-20 Male	3.6 (1.6)	12-1/2 (318)	1-7/8 (48)
52101/52104	.7 (522)	3,400	82 dB(A)	35 (977)	3/8 (10)	1/4" NPT	1/2"-20 Male	2.7 (1.2)	9-1/2 (241)	1-7/8 (48)
52102/52105	.7 (522)	4,500	82 dB(A)	35 (977)	3/8 (10)	1/4" NPT	1/2"-20 Male	2.7 (1.2)	9-1/2 (241)	1-7/8 (48)

**Tune-Up Kit:** .4 hp Tools – No. 96173; .7 hp Tools – No. 96260 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Electric Buffer

**Electric Large Diameter Polishing Tool**

**ABRASIVE CAPACITY**  
**POLISHING PADS AND BUFFS**  
 6" - 8" (152 mm - 203 mm) dia.

**Achieve Fine Finish on a Variety of Surfaces**

**Model 51610**

**120 V (AC), 5/8"-11 Male Thread**

- 9 amp motor, 0-3,000 RPM (variable RPM dial).
- Double-insulated (Class II) housing, 8 ft. (2.44 m) flexible cord, and built-in tool rest.
- Shown with optional 50853 Backup Pad and optional 90082 Polishing Pad.



Model 51610

**120 V (AC)**



Model Number	Motor RPM	Maximum Watts Out	Voltage	Current Amps	Phase	Frequency	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51610	0 - 3,000	835	120 V (AC)	9	1	60 Hz	4.9 (2.2)	16-5/8 (423)	5 (127)



# Random Orbital Polishers

## Air and Electric Large Diameter Polishing Tools

**ABRASIVE CAPACITY**  
**POLISHING PADS AND BUFFS**  
 7" - 8" (178 mm - 203 mm) dia.

**Random Orbital Polishing Leaves No Haze, Halo or Swirl Marks**

- Unique random orbital motion minimizes “haze” and “halo” effects, while reducing “burn through” of top coats and sealants. No haze, no halo, no swirls!
- Innovative polishing head (see below) with streamlined, lightweight design for maximum operator comfort.
- Each model includes 7" (178 mm) diameter Backing Pad (50855). Shown with optional 90082 Polishing Bonnet.

**PREMIUM Air-Powered**

**Model 51447 5/8"-11 Male Thread**

**Model 51449 M14 x 2 Male Thread**

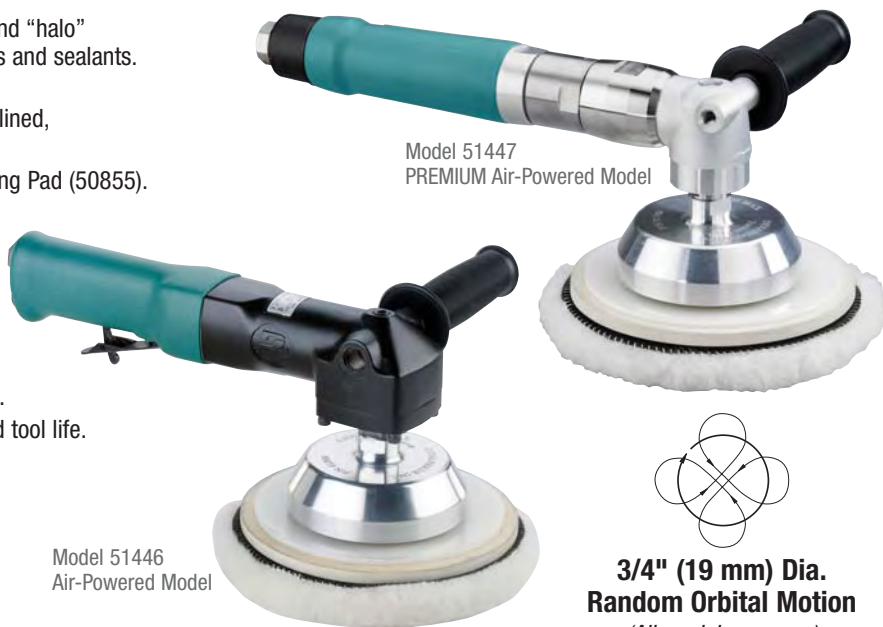
- High-quality 1 hp air motor, running at 2,800 RPM.
- Planetary gear set is easily lubricated for extended tool life.

**Air-Powered**

**Model 51446 5/8"-11 Male Thread**

**Model 51448 M14 x 2 Male Thread**

- .7 hp air motor, running at 2,500 RPM.



Model 51447  
PREMIUM Air-Powered Model

Model 51446  
Air-Powered Model

**3/4" (19 mm) Dia.**  
**Random Orbital Motion**  
*(All models on page)*

Model Number	Motor hp (W)	Motor RPM	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Air Pressure PSIG (Bar)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51446/51448	.7 (522)	2,500	27 (765)	3/8 (10)	1/4" NPT	90 (6.2)	6.3 (2.9)	14-3/8 (366)	5-3/8 (135)
51447/51449	1 (744)	2,800	41 (1,167)	3/8 (10)	3/8" NPT	90 (6.2)	5.8 (2.7)	14-3/8 (366)	5-3/8 (135)

Tune-Up Kit: 51446 – No. 96672; 51448 – No. 96532 (page 192)

**Electric-Powered**

**Model 51614**

**120 V (AC), 5/8"-11 Male Thread**

- 9 amp motor, 0-3,000 RPM (variable RPM dial).
- Double-insulated (Class II) housing, 8 ft. (2.44 m) flexible cord, and built-in tool rest.
- 89272 Brush Set Assembly may be ordered separately.
- Includes 7" (178 mm) diameter Backing Pad (50855). Shown with optional 90082 Polishing Bonnet.



Model 51614

**120 V (AC)**



Model Number	Motor RPM	Maximum Watts Out	Voltage	Current Amps	Phase	Frequency	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51614	0 - 3,000	835	120 V (AC)	9	1	60 Hz	8.8 (3.9)	18-7/8 (480)	6-3/4 (172)

**Random Orbital Head Kit**

- Converts standard rotary tool (up to 3,200 RPM) to a Random Orbital Polisher!
- Kit Includes Random Orbital Polishing Head, 50855 Hook-Face Backing Pad (7" [178 mm] diameter), 90082 Natural Sheepskin Polishing Pad (7" [178 mm] diameter) and 50679 Wrench (26 mm).



61374 Random Orbital Head Kit  
(USA Patent no. 7,022,002)

**61374 5/8"-11 Female Thread**

**61375 M14 x 2 Female Thread**

