



# ***BUFFING TOOLS***

“Two-Step” System Tools ..... 116	4" Dia. Straight-Line Buffers ..... 123
“Two-Step” System Process ..... 117	5" - 8" Dia. Buffers ..... 124
3", 5" Dia. Dynabuffer ..... 118	6" - 8" Dia. Buffers ..... 125
3" Dia. Buffers ..... 119	Electric Buffer ..... 126
3" Dia. Sander/Buffer and Buffer.. 121	Electric Random Orbital Buffer .... 126
Cut & Polish Rotary/ Random Orbital Head ..... 121	<b><i>Systems &amp; Solutions</i></b> ..... 127



**BUFFING TOOLS**

# “Two-Step” System Tools

## Utilizing Mini-Orbital Sander and Dynabuffer



SANDING PADS  
PAGE 241

BUFFING PADS  
PAGE 239

### Proven Method for Repairing Minor Surface Defects in Clearcoat

FOR ABRASIVE DISCS  
OR POLISHING BUFFS  
SOLD SEPARATELY

#### STEP ONE TOOLS

Choose One of These Models:

##### Model 58037 12,000 RPM Right Angle Denibber

- See page 180 for full details.  
(All models on 180 may be used.)

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

- See page 160 for full details.  
Model 57503 (5,000 RPM) may also be used.

##### Model 69502 7,500 RPM Palm-Style Mini-Dynorbital® Silver Supreme Sander

- See page 160 for full details.  
Model 57503 (5,000 RPM) may also be used.



Model 58037  
(12,000 RPM)



Model 57502  
(7,500 RPM)



Model 69502  
(7,500 RPM)

#### STEP TWO TOOLS

Choose One of These Models:

##### Model 57126 Dynabuffer 3" Diameter, Rear Exhaust

- See page 118 for full details.

##### Model 55126 Dynabuffer 3" Diameter, Front Exhaust

- See page 118 for full details.

##### Model 58455 Dynabuffer 5" Diameter, Rear Exhaust

- See page 118 for full details.



Model  
57126



Model  
55126



Model  
58455

See Next Page for  
“Two-Step” System  
Instructions!

# “Two-Step” System

## Utilizing Mini-Orbital Sander and Dynabuffer



SANDING PADS  
PAGE 241

BUFFING PADS  
PAGE 239

*Proven Method for Repairing Minor Surface Defects in Clearcoat*

FOR ABRASIVE DISCS  
OR POLISHING BUFFS  
SOLD SEPARATELY

### STEP ONE: SANDING

*Choose One of These Models:*

- **Model 58037** *Right Angle Denibber*
- **Model 57502** *Palm-Style Mini-Dynorbital® Sander*
- **Model 69502** *Palm-Style Mini-Dynorbital® Silver Supreme Sander*

- Attach abrasive disc to sanding pad, then apply water to abrasive disc.
- Place sanding pad on surface defect, positioning pad slightly off-center. Apply light pressure.
- Throttle tool ON, and sand in random motion for about two seconds.
- Keep sanding pad FLAT on surface while sanding, allowing tool and abrasive to do the work. Try to keep sanded area as small as possible.
- With tool still running, move tool OFF work surface and then stop it.
- Wipe surface dry with clean, soft cloth.



Model 58037



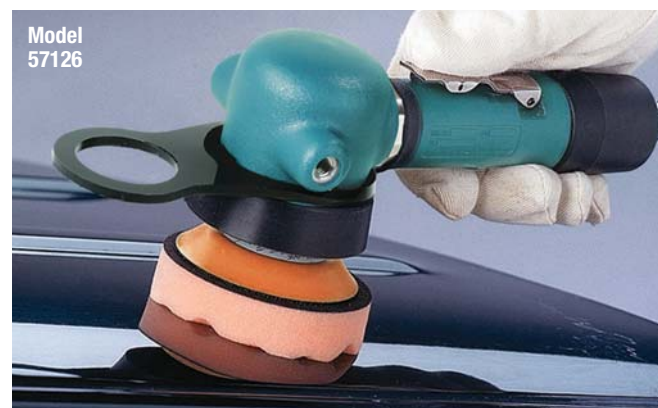
Model 69502

### STEP TWO: BUFFING

*Choose One of These Models:*

- **Model 57126** *Dynabuffer*
- **Model 55126** *Dynabuffer*
- **Model 58455** *Dynabuffer*

- Apply small amount of polishing compound to optional buffing pad attached to Dynabuffer. Spread compound evenly to precondition pad.
- Apply small drop of polishing compound to work surface. Use pad to spread compound evenly over sanded area of surface.
- Place pad on sanded area and apply pressure (approximately 3 lbs./1.4 kg of pressure).
- Throttle tool ON, and adjust pressure to minimize vibration (finding the “sweet spot”).
- Move pad in random motion, keeping pad flat or tipped slightly forward.
- Throttle tool OFF with pad still on surface (“start ON and stop ON”).
- Wipe surface dry with clean, soft cloth.
- If imperfections are still visible, repeat Two-Step System.



Model 57126



Model 55126

BUFFING TOOLS

See a VIDEO Demo at [Dynabrade.com](http://Dynabrade.com)



# Dynabuffer

## Air-Powered Buffering Tool, 3" and 5" Diameter



**BACKUP PADS**  
PAGE 231

**ACCESSORIES**  
PAGE 222

Ideal for use in Dynabrade "Two-Step" System (see page 117)

**FOR POLISHING BUFFS**  
3" (76 mm) and  
5" (127 mm) diameters  
SEE PAGE 239

### Model 57126 3" Diameter, Rear Exhaust

- Dynabuffer moves backup pad and optional polishing buff in 14 mm diameter offset orbit.
- Runs at 10,000 RPM free speed; 7,000 RPM under load.
- Patented balancer compensates for vibration when running under load, resulting in a smooth operating performance. (Patent 6,206,771). Applies to all models on page.
- Optimum air pressure for this model is 80 PSIG.
- Includes 56142 Hook-Face backup pad.
- Safety-lock throttle lever is optional.



**WATCH the  
Dynabuffer  
at Work!**



Model 57126

Polishing Buff  
Sold Separately

### Model 55126 3" Diameter, Front Exhaust

- Offers increased horsepower and speed, to reduce buffing time by up to 40%.
- Runs at 12,000 RPM free speed; 7,500 RPM under load.
- Front exhaust (patent pending) helps to cool foam buffing pad (optional), increasing life of pad.
- Rubber grip adds comfort and helps protect operator from cold air transfer.
- Safety-lock throttle lever included.
- Optimum air pressure for this model is 80 PSIG.
- Includes 56142 Hook-Face backup pad.

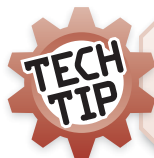


Model 55126

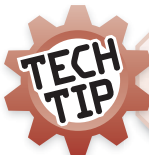
Polishing Buff  
Sold Separately

### Model 58455 5" Diameter, Rear Exhaust

- Large diameter allows buffing of wider area in less time.
- Runs at 10,000 RPM free speed; 5,500 RPM 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.
- Safety-lock throttle lever included.

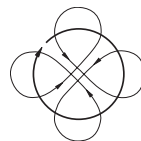


For most efficient polishing, place approximately 10 lbs. of pressure on pad while Dynabuffer is in use.



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

**14 mm Dia. Random  
Orbital Motion**  
(All models on page)



Model 58455

Backup Pad and Polishing Buff Sold Separately

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Pressure PSIG (Bar)	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
55126	.5 (373)	7,500	79 dB(A)	37 (1,048)	1/4 (8)	90 (6.2)	5/16"-24 Female	2.7 (1.2)	9-1/2 (241)	4-1/8 (105)
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	82 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: 55126 – No. 96542; 57126 – No. 96537; 58455 – No. 98220 (page 267) • Additional Specifications: Air Inlet Thread 1/4" NPT

# 3" Diameter Buffers

## .4 hp, Air-Powered Buffing Tools



**SIDE HANDLE**  
PAGE 253

**BACKUP PADS**  
PAGE 240

*For Quick and Easy Spot Repair on a Variety of Surfaces*

**FOR POLISHING BUFFS**  
3", 5" and 6" diameter  
(76 mm, 127mm, 152 mm)  
SEE PAGE 239

### 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 51402 3,600 RPM**

**Model 51401 5,000 RPM**

- All models include 50126 Hook-Face Pad, 90027 Terry Cloth Bonnet and 90028 Wool Buffing Bonnet.
- 3/8"-24 Male Thread.

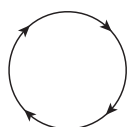


*Model 51400 achieves high gloss finish when used with 95723 Dynabrade Finesse Sanding Creme and 95727 Dynabrade Glaze (each sold separately).*



### 51405 Versatility Kit

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



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

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	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	77 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	75 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)
51402	.4 (298)	3,600	76 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 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### 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 Buffing 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 Buffing 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 163) for 53417 Right Angle Mini-Dynorbital® specifications.



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	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	78 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. 96174** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**BUFFING TOOLS**

# 3" Diameter Buffers

## .4 hp, Air-Powered Buffering Tools



DYNAJET  
PAGE 224

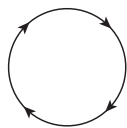
BACKUP PADS  
PAGE 240

*For Repair of Sanding Scratches on Clearcoat*

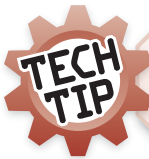
FOR TERRY CLOTH,  
WOOL, FOAM BUFFS  
3" (76 mm) diameter  
SEE PAGE 239

### Model 49440 3" Diameter, 3,200 RPM

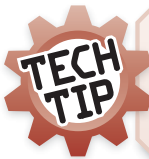
- Tool comes mounted with 54021 Adapter (1/4"-20 male thread).
- Governor-controlled motor maintains speed under load.
- Includes 50120 Hook-Face Pad (3" diameter), which mounts directly to 54021 Adapter.
- Also includes 90027 Terry Cloth Bonnet and 90028 Wool Buffering Bonnet.
- Extended rear exhaust muffler, safety-lock lever, rotary action.



Rotary Motion



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



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



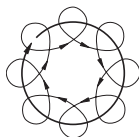
Model 49440 achieves high gloss finish when used with Dynabrade Finesse Sanding Creme and Dynabrade Glaze (each sold separately).

BUFFING TOOLS

### Model 49403 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 Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
49440	.4 (298)	3,200	79 dB(A)	26 (736)	1/4 (6)	1/4" NPT	1/4"-28 Female	1.9 (.9)	13 (331)	2.6 (67)

Tune-Up Kit: No. 96541 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 3" Diameter Sander/Buffer, Buffer

## .2 hp, Air-Powered Buffing Tools

For Repair of Sanding Scratches on Clearcoat

FOR TERRY CLOTH,  
WOOL, FOAM BUFFS  
3" (76 mm) diameter  
SEE PAGE 239



### 3" (76 mm) Sander/Buffer

**Model 69540 12,000 RPM**

- Dual-purpose tool offers random orbital sanding and rotary buffing.
- Repairs dust nibs and blemishes on paints and clear coats.
- Also used to repair hazy/cloudy headlights, and other clear/colored acrylic surfaces.
- 3" (76 mm) diameter allows use on contoured surfaces and tight areas.
- In rotary mode, offers all the benefits of model 69550 below.



### 3" (76 mm) Rotary Buffer

**Model 69550 12,000 RPM**

- Accepts 3" (76 mm) wool and foam buff pads.
- Runs at 12,000 RPM free-speed, then slows to under 4,000 RPM in use.
- Ideal for buffing door/window columns and posts, plus recessed areas and contoured surfaces.
- Lightweight, palm-style design offers great comfort and control.
- Adjustable speed regulator included.



Model Number	Motor hp (W)	Motor RPM	Sound Level (Sanding)	Sound Level (Buffing)	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
69540	.2 (149)	12,000	71 dB(A)	74 dB(A)	12 (334)	1/4 (6)	1/4" NPT	1.5 (.67)	6.1 (154)	3.7 (94)
69550	.2 (149)	12,000	N/A	74 dB(A)	12 (334)	1/4 (6)	1/4" NPT	1.5 (.67)	6.1 (154)	2.6 (70)

Tune-Up Kit: No. 96221 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Cut & Polish Rotary/Random Orbital Head

## Offers Both ROTARY and RANDOM ORBITAL Action

### For Buffers up to 3,200 RPM

- Run pad in rotary (cut) mode for initial buffing and removing dust nibs, light scratches, oxidation and "orange peel." Then switch to random orbital (polish) mode for buffing to a swirl-free finish with no "haze" or "halo" effects!
- Offered in three female thread sizes, to fit buffers up to 3,200 RPM.
- Includes 50855 Hook-Face Backing Pad to accept wool, foam and terry cloth bonnets, in diameters of 7" (178 mm) and 8" (203 mm).
- Also includes 90082 Natural Sheepskin Polishing Bonnet, 8" (203 mm) diameter, and assorted wrenches.

**Model 61384 5/8"-11 Female Thread**

**Model 61385 M14x2 Female Thread**

**Model 61383 M16x2 Female Thread**



# 3" Diameter Buffers

.25 hp, Air-Powered Buffing Tools



**BALL SWIVEL PLUG**  
PAGE 223

**BACKUP PADS**  
PAGE 240

*For Repair of Sanding Scratches on Clearcoat*

**FOR TERRY CLOTH,  
WOOL, FOAM BUFFS**  
3" (76 mm) diameter  
SEE PAGE 239

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

- Excellent for buffing and polishing fiberglass, plastics and other materials.
- Ideal for buffing door/window columns and posts, plus recessed areas and contoured surfaces.
- Includes 50125 rigid 3" backing pad, 90027 Terry Cloth Pad and 90028 Wool Pad.
- Low profile housing; rear exhaust; lever throttle.
- Shown at right with optional 94300 Dynaswivel® and optional 94990 Coupler/Plug Assembly (see page 228).

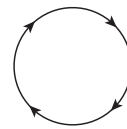


Model 57550

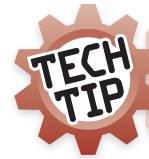


Model 57550

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



Rotary Motion

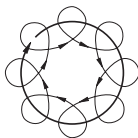


Use Dynabrade Finesse Sanding Creme and Dynabrade Glaze to achieve a superior high gloss finish after compounding.

BUFFING TOOLS

## Model 57553 Versatility Kit

- Efficiently repair dust nibs and scratches on clearcoat.
- 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 Sanding 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)



Model 57553

Reloc is a registered trademark of 3M Company

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	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	79 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 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Straight-Line Buffers

.4 hp & .7 hp, for Buff Wheels up to 4" Diameter



DYNASWIVEL®  
PAGE 223

COUPLER/PLUGS  
PAGE 228

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

VARIOUS BUFFING AND POLISHING ACCESSORIES  
SOLD SEPARATELY

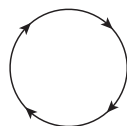
## .4 hp, Rear Exhaust

- .4 hp Die Grinder shown with optional 95749 Mandrel (1/2") and optional 90024 Cotton Buff Wheels (4" dia. x 1/2" wide).
- Governor-control maintains consistent motor speed under load and delivers optimal power.
- Extended muffler design ensures lowest sound level. Includes safety-lock lever.



Model 47201

Mandrel and Wheels Sold Separately



Rotary Motion  
(All models on page)

### Model 47200

950 RPM, 1/4" & 6 mm Collets

### Model 47201

3,200 RPM, 1/4" & 6 mm Collets

### Model 47202

5,500 RPM, 1/4" & 6 mm Collets

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Collet Insert	Air Pressure PSIG (Bar)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
47200	.4 (298)	950	79 dB(A)	23 (651)	1/4" / 6 mm	90 (6.2)	1.9 (.9)	11 (280)	1.7 (44)
47201	.4 (298)	3,200	75 dB(A)	23 (651)	1/4" / 6 mm	90 (6.2)	1.4 (.6)	9.8 (250)	1.7 (44)
47202	.4 (298)	5,000	78 dB(A)	23 (651)	1/4" / 6 mm	90 (6.2)	1.4 (.6)	9.8 (250)	1.7 (44)

Tune-Up Kit: No. 96541 (page 267) • Additional Specifications: Hose I.D. Size 1/4" (6 mm) • Air Inlet Thread 1/4" NPT

## .7 hp, Rear Exhaust

- .7 hp Die Grinder 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.
- Extended muffler design ensures lowest sound level. Includes safety-lock lever.



Model 52101

Mandrel and Wheels Sold Separately

### Model 52100

950 RPM, 1/4" & 6 mm Collets

### Model 52101

3,400 RPM, 1/4" & 6 mm Collets

### Model 52102

4,500 RPM, 1/4" & 6 mm Collets

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52100	.7 (522)	950	81 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	.7 (522)	3,400	79 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	.7 (522)	4,500	79 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: No. 96260 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 5" - 8" Diameter Buffers

## .4 hp and .7 hp Air-Powered Buffing Tools



DYNAJET  
PAGE 224

COUPLER/PLUGS  
PAGE 228

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

**POLISHING ACCESSORIES**  
5", 6" and 8" diameter  
(127 mm, 152 mm, 203 mm)  
SEE PAGE 239

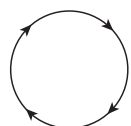
**5" Diameter, 7° Offset, .4 hp**

**Model 51430 3,200 RPM**

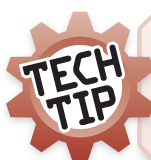
- Includes 50147 Hook-Face Pad and 90040 Foam "Flat Face" Buffing Pad.
- Shown with optional 13141 Side Handle/Collar Assembly.
- 3/8"-24 Male Thread.
- Extended muffler design.



Model 51430



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



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



**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**

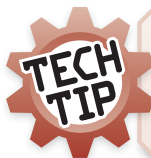
**Model 51454 3,400 RPM, M14 Male Thread**

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



Model 51450

51450 Buffer shown with optional 50946 Backup Pad and optional 90047 Polishing Pad.



The use of a Filter-Regulator-Lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 224.)



BUFFING TOOLS

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	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	77 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	75 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: No. 96234; 51430 – No. 96174 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 6" - 8" Diameter Buffers

## Air-Powered Buffing Tools



**SIDE HANDLE**  
PAGE 253

**BACKUP PADS**  
PAGE 240

*For Quick and Easy Buffing on Large Surfaces*

**FOR POLISHING BUFFS**  
6"-8" diameter  
(152 mm-203 mm)  
SEE PAGE 239

### 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 2,000 RPM**

**Model 51472 3,100 RPM**

#### M14 Male Thread

**Model 51600 2,000 RPM**

**Model 51601 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.



50853 Backup Pad and 90082 Polishing Pad Sold Separately

Model 51470

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51470 / 51600	.7 (522)	2,000	79 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)	3,100	77 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: No. 96178** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### 6"-8" Diameter, .7 hp, 2,500 RPM

**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.



**WATCH Tool at Work!**



Model 51459

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51459 / 51458	.7 (522)	2,500	80 dB(A)	27 (765)	3/8 (10)	1/4" NPT	5/8"-11 Male / M14	5.3 (2.4)	11-3/4 (301)	4 (102)

**Tune-Up Kit: No. 96672** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### 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**

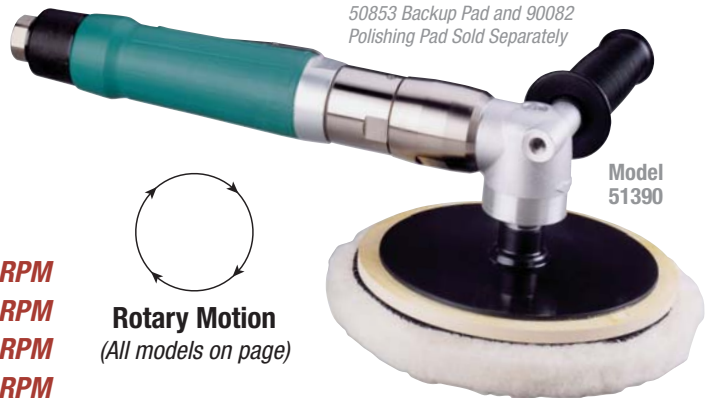
#### M14 Male Thread

**Model 51394 1,250 RPM**

**Model 51395 1,800 RPM**

**Model 51396 2,800 RPM**

**Model 51397 4,500 RPM**



50853 Backup Pad and 90082 Polishing Pad Sold Separately

Model 51390

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

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	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	81 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	80 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)
51392 / 51396	1 (744)	2,800	78 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	77 dB(A)	35 (997)	3/8 (10)	3/8" NPT	5/8"-11 Male / M14	4.0 (1.8)	11-11/16 (296)	3-3/4 (95)

**Tune-Up Kit: No. 96532** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**BUFFING TOOLS**

# Electric Buffer

## Electric Large Diameter Polishing Tool



**BACKUP PADS**  
PAGE 240

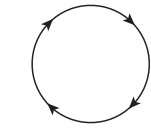
**HANDLES**  
PAGE 253

*Achieve Fine Finish on a Variety of Surfaces*

**FOR POLISHING PADS AND BUFFS**  
6"-8" (152 mm-203 mm) dia.  
SEE PAGE 239

### Model 51580 120 V (AC), 5/8"-11 Male Thread

- Variable speed trigger with adjustable 0-3,000 RPM roller dial for optimum performance. Desired RPM can be locked with speed-lock button.
- Top-quality brushes are externally accessible for increased productivity.
- 11-amp motor for power!
- Long 8-foot electric cord is made of oil-resistant rubber, and stays flexible when cold.
- Side handle connects in three positions for optimum comfort.



**Rotary Motion**



*Shown with optional 50853 Backing Pad, and optional 90082 Polishing Pad.*

Model Number	Motor RPM	Maximum Watts Out	Voltage	Current Amps	Phase	Frequency	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51580	0-3,000	1,305	120 V (AC)	11	1	60 Hz	5/8"-11	7.8 (3.5)	17 (432)	5-1/4 (133)

# Random Orbital Buffer

## Electric Large Diameter Buffing Tool



**BACKUP PADS**  
PAGE 240

**HANDLES**  
PAGE 253

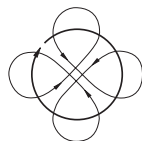
*Random Orbital Polishing Leaves No Haze, Halo or Swirl Marks*

**FOR POLISHING PADS AND BUFFS**  
7"-8" (178 mm-203 mm) dia.  
SEE PAGE 239

*Electric-Powered*

### Model 51584 120 V (AC), 5/8"-11 Male Thread

- Same great features as Rotary Model 51580, with exclusive "Twist Handle" capability.
- Works without leaving haze, halo or swirl marks... a must for dark finishes!
- Includes comfort grip handle that fits on either side or top of tool.
- Includes 50855 Hook-Face Backup Pad, 7-1/4" in diameter.



**3/4" Diameter Random Orbital Motion**



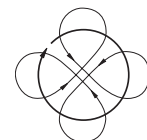
*Shown with optional 90082 Polishing Pad*

Model Number	Motor RPM	Voltage	Current Amps	Phase	Frequency	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51584	0-3,000	120 V (AC)	11	1	60 Hz	5/8"-11	7.8 (3.5)	17 (432)	5-1/4 (133)

### 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)



**3/4" Diameter Random Orbital Motion**

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

# Dynabrade Systems & Solutions

For Buffing Tools – Suggested Tool/Accessory Combinations



TOOL	POLISHING BUFF	ACCESSORIES	
<b>3" Dia. Dynabuffer</b> Model 57126 Right Angle, 7,000 RPM, .16 hp Page 118	<b>3-1/4" Dia. Foam Waffle Pad</b> 90070 Page 239	<b>Backup Pad</b> 56142 Page 231	<b>DynaJet Blow Gun</b> 94467 Page 224
<b>3" Dia. Buffer</b> Model 51400 7° Offset, 3,200 RPM, .4 hp Page 119	<b>3" Dia. Polishing Buff</b> Page 239	<b>Backup Pad</b> 50126 Page 240	<b>Motor Tune-Up Kit</b> 96174 Page 267
<b>3" Dia. Buffer</b> Model 49440 Angle Head, 3,200 RPM, .4 hp Page 120	<b>3" Dia. Polishing Buff</b> Page 239	<b>Backup Pad</b> 50120 Page 240	<b>Sanding Creme &amp; Glaze</b> 95723, 95727 Page 255
<b>5" Dia. Dynabuffer</b> Model 58455 Right Angle, 5,500 RPM, .21 hp Page 118	<b>5-1/4" Dia. Foam Waffle Pad</b> 90063 Page 239	<b>Backup Pad</b> 56195 Page 231	<b>Tool Hanger</b> 56592 Page 253
<b>Electric Buffer</b> Model 51580 Right Angle, 0-3,000 RPM, 120 V (AC) Page 126	<b>6"-8" Dia. Polishing Pads &amp; Buffs</b> Page 239	<b>Backup Pad</b> 50853 Page 240	<b>Sanding Creme &amp; Glaze</b> 95723, 95727 Page 255

BUFFING TOOLS

## ESSENTIAL ACCESSORIES

<b>Metal Capture Dowlraft Station</b> 64350 Page 208	<b>Air Lube (10W/NR)</b> 95842 Page 254	<b>Dynūba 100</b> 60005 Page 254	<b>Dynaswivel®</b> 94300 Page 223	<b>Filter-Regulator-Lubricator</b> 10681 Page 224
		<b>Dynūba 26</b> 60020 Page 254	<b>Coupler/Plug Assemblies</b> 95676, 97572 Page 228	<b>Air Hose Assemblies</b> 94863, 94852, 94892 Page 225