



# AUTOMOTIVE AFTERMARKET SOLUTIONS



WE LISTEN. WE OBSERVE. **WE OPTIMIZE.**



# INCREASE PRODUCTION

Dynabrade was founded on the tradition of giving professional tool operators and technicians tools of the highest quality, allowing their work to be completed more quickly than conventional methods. American Made Dynabrade tools and all new Dynabrade Nitro Series™ tools for collision repair and vehicle restoration in this catalog will help technicians move more vehicles through the garage in less time overall.

# DECREASE LABOR

Dynabrade tools accomplish tasks more quickly or in a different fashion than traditional methods. Technicians are able to reduce time spent completing an application utilizing Dynabrade tools, which not only saves time but lowers expenses related to repair and refinishing.

# INCREASE VALUE

The value Dynabrade delivers extends beyond providing high-quality, long-lasting tools and accessories. Using source capture equipment promotes a clean, safe, and healthy work environment for operators; while substantial cost savings can also be achieved by focusing on reducing cycle times for labor intensive operations.

***“Using Dynabrade has been invaluable to making sure my builds look their best. From metal finishing to buffing my paint work I can fine tune my finished product. The tools are sturdy, comfortable and long lasting. There is a tool for everything we do with the quality I rely on.” ~ Miguel Perez***

Miguel Perez  
Extreme Paint Shop & Refinish Kulture  
Palm City, FL







## BODY SHOP

6



## MULTI-PURPOSE TOOLS

24



## PAINT SHOP

40



## CLEAN AIR SOLUTIONS

48



## ACCESSORIES

56



## ABRASIVES

70



## A TRADITION OF INNOVATION

Dynabrade tools have been manufactured by skilled craftsmen and women in Buffalo New York, USA for more than 50 years, providing operators and technicians with reliable portable air tools able to complete the most challenging applications. Teal colored tools contained within this catalog have been purposefully selected from the over 800 Industrial tool models that Dynabrade manufactures as the best possible tool in its category for an automotive technician. These tools are intended for heavy-duty, all day, everyday use in fast-paced, high-volume work environments.

Tools for every stage in the repair or restoration of a vehicle are available from Dynabrade. Belt tools, cut-off tools, die grinders, disc sanders and other surface preparation tools typically found in the body shop are all represented in the following pages. These tools accomplish more than just prep work, they create the foundation painters and finishers to work from before delivering the final product.

Multipurpose tools, like random orbital sanders, bridge the gap between the body shop and the paint booth and are commonly used by both body and paint technicians. Dynabrade produces the widest range of sanders and polishers in the industry so that technicians can optimize their tool choice for their specific application.

As a tool manufacturer founded on innovation, Dynabrade is excited to share for the first time a state-of-the-art polishing process hyper focused on eliminating steps in clear coat polishing applications. Dynabrade buffing tools, pads, compounds and abrasives combine to create a repeatable polishing recipe that allows technicians to quickly move more vehicles through the final repair/restoration stages.





## CONTINUING THE TRADITION

Dynabrade Nitro Series™ tools are high-quality, purpose-built tools designed to provide automotive technicians with entry level, Dynabrade quality air tools. By partnering with and learning from automotive technicians Dynabrade understands that an automotive technician's daily routine can be much different than an industrial tool operator's. No two jobs are the same for a body or paint tech and job often requires a diverse selections of tools.

Like traditional Dynabrade tools, Dynabrade Nitro Series™ spans a wide variety of categories including belt tools, die grinders, disc sanders, cut-off tools as well as surface preparation tools, buffers, and polishers. Within these categories Dynabrade Nitro Series™ tools are designed to address the specific challenges automotive technicians face. A prime example is cut-off tool ECU4, featuring an extended reach for greater access to recessed areas and multi-position guard improving technician sightlines and promoting technician safety in the body shop.

Painters and finishers also benefit from Dynabrade Nitro Series™ innovations with several new buffer/polisher models now available. Model EB3 is sure to solve the challenges buffing contours and side-view mirrors present. As a compact and lightweight tool including an extension, technicians will enjoy effortless maneuverability and the ability to polish difficult to reach painted surfaces.

Dynabrade innovation in the automotive after-market is not limited to air tools. In addition to a state-of-the-art polishing system Dynabrade is also excited to introduce Extreme Orange and DynaSoft™ flexible abrasive discs. Specifically designed to be used wet or dry and available in grits up to 3,000, Dynabrade now offers body and paint technicians complete solutions to their daily tasks.





# BODY SHOP

Whether repairing a vehicle damaged in an accident or from weather, to restoring or customizing a classic; auto body professionals utilize a broad selection of tools in their daily tasks. Dynabrade provides technicians with dependable, ergonomic and powerful tools used for vehicle tear-down, frame & panel repair, and welding applications. The work

of the body technician must be meticulously completed, following manufacturer S.O.P.'s, and with great attention to detail because their work is the foundation for the final finish produced from the paint shop. Dynabrade tools optimize body shop applications helping technicians move vehicles quickly through a repair plan and into the paint shop.

The benefit of using Dynabrade tools extends beyond the technician to the overall bottom line of the repair facility or collision shop where significant savings can be realized. Savings can be realized through efficient abrasive use, decrease in cycle times as well as increased operator and shop safety.



## VERSATILITY IN THE BODY SHOP



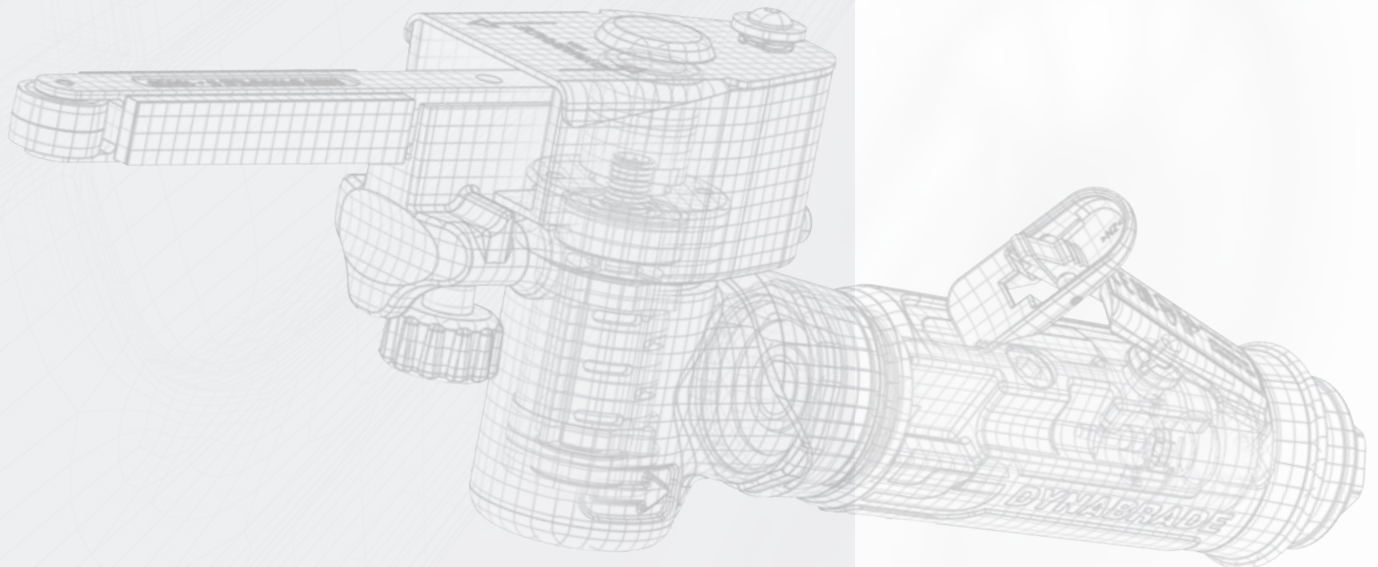
Using a Dynabrade Nitro Series™ NitroFile belt tool body shop technicians can quickly grind through spot welds for a fraction of the cost of using expensive spot weld cutters. Abrasive belt tools also blend welds, grind through seized bolts or even remove seam sealer making them a must-have, versatile tool for any shop.



The Dynabrade Nitro Series™ NitroZip surface preparation tool can be used with an eraser wheel to delicately remove adhesive-backed decals without excessive heat build-up, keeping painted finishes protected. When used with a wire wheel the Dynabrade Nitro Series™ NitroZip quickly removes rust and cleans around rivets.



Die Grinders provide a great deal of options for technicians within the body shop. Having a 1/4" (6 mm) collet allows for the use of burs along with coated and non-woven abrasives in a variety of shapes and sizes.



## DYNABRADE NITRO SERIES™ NITROFILE ABRASIVE BELT TOOL

Abrasive belt tools can be used throughout a body shop for a variety of sanding, blending and finishing applications. Able to use both coated and non-woven abrasives allows technicians to perform a wide range of applications from spot weld and door skin removal to surface preparation when plastic welding a bumper.

### FEATURES

- ▶ Sanding head pivots 360°, for working in previously inaccessible areas
- ▶ Quick and easy belt and contact arm changes
- ▶ Front exhaust directs dust away from operator and extends belt life
- ▶ Ergonomic, offset handle with safety-lock throttle lever
- ▶ Runs belts 1/4"-3/4" wide by 18" long

### INCLUDES

11206 Contact Arm for 1/2" wide belts



Model NF1

**GEARLESS MOTOR**

**SPEED**  
20,000 RPM

**POWER**  
0.5 hp (373 W)

**18" (457 MM) BELT**

**2 YEAR**  
WARRANTY

Model Number	Sound Level	Maximum Air Flow SCFM (L/Min)	Air Inlet Thread	Hose Size Inch (mm)	Air Pressure PSIG (Bar)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
NF1	81 dB(A)	22 (623)	1/4" NPT	3/8 (10)	90 (6.2)	2.8 (1.3)	5 (127)	15 (381)

## BENEFITS



Grinding hard to reach spot welds, or even through a seized or stripped bolt is easy with Dynabrade belt tools that allow technicians to access tight areas with greater control.



Using a belt rather than a drill bit is a quick, efficient and economical way to remove spot welded panels while leaving material to reattach the new or repaired panel.



## ELECTRIC DYNAFILE® II ABRASIVE BELT TOOL

For garages and technicians using corded tools the Electric Dynafile®II is an ideal option for their sanding, blending and surface prep applications. Contact arms are interchangeable with pneumatic NitroFile.

### FEATURES

- ▶ Comfortable switch with “lock on” feature
- ▶ Easily accessible brushes for quick replacement
- ▶ Sanding head pivots 360°, for working in previously inaccessible areas
- ▶ Side handle mounts on either side for left or right-handed operators
- ▶ Double-insulated motor for operator safety
- ▶ Runs belts 1/4"-3/4" wide by 18" long
- ▶ 8' long electric cord

### INCLUDES

11203 Contact Arm

## ELECTRIC DYNAFILE® II VERSATILITY KIT

### INCLUDES

40610 Electric Dynafile® II  
Three Contact arms: 11203, 11202 and 11204  
Eight abrasive belts of various grits  
An assortment of platen pads  
Durable carrying case



Model 40610

**POWER**  
720 W

**360° PIVOT BELT  
HEAD ASSEMBLY**

**18" (457 MM) BELT**



Model 40611

**1 YEAR  
WARRANTY**

Model Number	Motor RPM	Maximum Watts Out	Abrasive Belt Size Inch (mm)	Voltage	Current Amps	Phase	Frequency	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
40610	11,000	720	1/4-3/4 (6-19) W x 18-24 (457-610) L	120 V (AC)	6	1	60 Hz	5 (2.3)	5.5 (140)	19 (483)

**Additional Specifications:** Maximum 2,520 SFPM (768 SMPM)

## RELATED PRODUCTS



Contact Arms  
Page 61



Abrasive Belts  
Page 84



General  
Clean-up  
Page 50

# DYNABRADE NITRO SERIES™

## MINI-NITROFILE

A compact belt tool designed for the frequent grinding applications technicians are challenged by where space is limited and access is restricted.

### FEATURES

- ▶ Sand and deburr in tight spots
- ▶ Lightweight, ergonomic and maneuverable
- ▶ Accepts coated and abrasive impregnated non-woven nylon belts
- ▶ Swing away belt guard for easy abrasive change
- ▶ Multi-position grinding head pivots 180°

### INCLUDES

15026 Contact Arm for 1/2" wide x 12" long abrasive belts



Model MNF1

**GEARLESS MOTOR**

**SPEED**  
**25,000 RPM**

**POWER**  
**0.4 hp (298 W)**

**12" (305 MM) BELT**

**2 YEAR**  
**WARRANTY**

Model Number	Sound Level	Maximum Air Flow SCFM (L/Min)	Air Inlet Thread	Hose Size Inch (mm)	Air Pressure PSIG (Bar)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
MNF1	78 dB(A)	22 (623)	1/4" NPT	1/4 (6)	90 (6.2)	1.2 (0.5)	3.5 (89)	11.75 (298)

## BENEFITS



The belt housing on mini-belt tools swings open for easy abrasive changes without the need for extra tools.



Being compact and lightweight makes mini-belt tools great for working in tight areas or overhead.



## MINI-DYNAFILE® II

A compact belt tool designed for the frequent grinding applications technicians are challenged by where space is limited and access is restricted. The Mini-Dynafite®II is manufactured to withstand grueling applications, and be used for extended periods of time.

### FEATURES

- Grind, sand, and deburr in tight spots
- Lightweight, ergonomic and maneuverable
- Accepts coated and abrasive impregnated non-woven nylon belts
- Swing away belt guard for easy abrasive change
- Multi-position grinding head pivots 180°

### INCLUDES

15026 Contact Arm for 1/2" wide x 12" long abrasive belts

## MINI-DYNAFILE® II VERSATILITY KIT

### INCLUDES

15003 Mini-Dynafite® II  
Three Contact arms: 15026, 15028 and 15030  
Eight abrasive belts of various grits  
Sample 1/2" wide coated abrasive and non-woven nylon  
Durable carrying case



Model 15003

**GEARLESS MOTOR**

**SPEED**  
25,000 RPM

**POWER**  
0.4 hp (298 W)

**12" (305 MM) BELT**

Model 15006



**LIFETIME  
WARRANTY**

Model Number	Sound Level	Maximum Air Flow SCFM (L/Min)	Air Inlet Thread	Hose Size Inch (mm)	Air Pressure PSIG (Bar)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
15003	80 dB(A)	20 (566)	1/4" NPT	1/4 (6)	90 (6.2)	1.8 (0.8)	3.5 (89)	11.75 (248)

## RELATED PRODUCTS



Contact Arms  
Page 61



Air Delivery  
Accessories  
Page 59



Non-Woven  
Abrasive Belts  
Page 89



General  
Clean-up  
Page 50

# DYNABRADE NITRO SERIES™ 4" DIAMETER EXTENSION RIGHT ANGLE CUT-OFF WHEEL TOOL

## FEATURES

- ▶ Model accepts 4" (76 mm) diameter Type 41 reinforced Cut-Off Wheels, with 3/8" (9.5 mm) center hole
- ▶ Composite grip absorbs vibration and reduces cold air transmission to operator
- ▶ Lock-lever controlled, multi-position guard



Model ECU4

## SPEED

14,000 RPM

## POWER

1 hp (746 W)

**2 YEAR**  
WARRANTY

Model Number	Sound Level	Tool Thread	Maximum Air Flow SCFM (L/Min)	Air Inlet Thread	Hose Size Inch (mm)	Air Pressure PSIG	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
ECU4	87 dB(A)	3/8"-24	37 (1,047)	1/4" NPT	3/8 (10)	90 (6.2)	4 (1.8)	1.27 (32)	14.75 (375)

**\*IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory.  
Never mount non-reinforced grinding wheels. Always wear eye, face & body protection.

## BENEFITS



The Dynabrade Nitro Series™ ECU4 shown here provides an operator with greater control of the tool while working above head, in a difficult to reach area.

**IMPORTANT:** Always wear eye, face and body protection.



Cutting through panels is easy and accurate using Dynabrade cut-off tools. Powerful air motors drive abrasive wheels efficiently, and the variety of formats - straight, offset, right angle - allow operators greater control in their application.



## 3" DIAMETER 7° OFFSET CUT-OFF WHEEL TOOL

### FEATURES

- Accepts 3" diameter reinforced Type 41 cut-off wheels with a 3/8" center hole.
- Gearless motor design for reduced maintenance and vibration.
- Front exhaust helps cool the cut-off wheel and enhances visibility while cutting.

## 4" DIAMETER EXTENSION RIGHT ANGLE CUT-OFF WHEEL TOOL

### FEATURES

- Accepts 4" diameter reinforced Type 41 cut-off wheels with a 3/8" center hole (Wheel width of 1/32" - 1/8")
- Governor-controlled motor maintains motor rpm under heavy load
- 6" extension allows for two-hand grip, providing added control when creating long, straight cuts

## 3" DIAMETER RIGHT ANGLE CUT-OFF WHEEL TOOL

### FEATURES

- Accepts 3" diameter reinforced Type 41 cut-off wheels with a 3/8" center hole
- Right-angle gears provide high torque, and utilize the Dynabrade "dual-wick" system for long life
- Adjustable wheel guard enhances visibility and provides maximum technician protection

Model Number	Sound Level	Maximum Air Flow SCFM (L/Min)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
52420	82 dB(A)	28 (793)	1/4" NPT	3/8"-24 Male	3 (1.3)	3.13 (79)	8 (202)
54736	83 dB(A)	40 (1,133)	1/4" NPT	3/8"-24 Male	3.7 (1.7)	11.37 (288)	3.1 (78)
54730	83 dB(A)	41 (1,161)	1/4" NPT	3/8"-24 Male	3.2 (1.4)	3.07 (113)	8 (202)

**Additional Specifications:** Air Pressure 90 PSIG (Bar)

**\*IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory.  
Never mount non-reinforced grinding wheels. Always wear eye, face & body protection.



Model 52420

**SPEED**  
20,000 RPM

**POWER**  
0.5 hp (373 W)



Model 54736

**SPEED**  
13,500 RPM

**POWER**  
.7 hp (522 W)



Model 54730

**SPEED**  
18,000 RPM

**POWER**  
0.7 hp (522 W)



**LIFETIME**  
WARRANTY

## RELATED PRODUCTS



Lubrication  
Page 69



Dynaswivel®  
Page 58



Abrasives  
Page 82



Clean Air  
Equipment  
Page 52

## 4" DEPRESSED CENTER WHEEL GRINDER RIGHT ANGLE

For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring

### FEATURES

- ▶ Aluminum right angle head, composite housing model, rear exhaust
- ▶ "Dual-wick" lubrication system saturates gears with oil for increased performance, extended life and reduced downtime
- ▶ Accepts optional 4" diameter Type 27 reinforced Depressed Center Wheels, with 3/8" center hole (wheel width of 1/8" to 1/4")
- ▶ Adjustable wheel guard provides maximum operator protection
- ▶ Safety-lock lever is included
- ▶ Model has side handle for left or right-hand use

Model Number	Sound Level	Maximum Air Flow SCFM (L/Min)	Air Inlet Thread	Hose Size Inch (mm)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
54775	83 dB(A)	40 (1,133)	1/4" NPT	3/8 (10)	2.9 (1.3)	3.07 (78)	8 (202)

**Additional Specifications:** Air Pressure 90 PSIG (6.2 Bar) • Tool Thread 3/8" -24 Male



Includes 95848 Gear Oil and 95541 Gear Oil Gun. Lubrication every 8 hours of run time extends gear life.

## 4" DEPRESSED CENTER WHEEL GRINDER RIGHT ANGLE

For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring

### FEATURES

- ▶ Steel housing models
- ▶ "Dual-wick" lubrication system saturates gears with oil for increased performance, extended life and reduced downtime
- ▶ Accepts optional 4" diameter Type 27 reinforced Depressed Center Wheels, with 3/8" center hole (wheel width of 1/8" to 1/4")
- ▶ Adjustable wheel guard provides maximum operator protection
- ▶ Safety-lock lever is included
- ▶ Model has side handle for left or right-hand use

Model Number	Sound Level	Maximum Air Flow SCFM (L/Min)	Air Inlet Thread	Hose Size Inch (mm)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
54773	81 dB(A)	40 (1,133)	1/4" NPT	3/8 (10)	3.5 (1.6)	11.37 (288)	3.06 (78)

**Additional Specifications:** Air Pressure 90 PSIG (6.2 Bar) • Tool Thread 3/8" -24 Male



Model 54775

**SPEED**  
13,500 RPM

**POWER**  
0.7 hp (522 W)

**DIAMETER**  
4"



**LIFETIME  
WARRANTY**



Model 54773

**SPEED**  
12,000 RPM

**POWER**  
0.7 hp (522 W)

**DIAMETER**  
4"



## DYNABRADE NITRO SERIES™ RECIPROCATING SAW

A versatile tool used for cutting sheet metal, piping and plastic panels. Straight, accurate cuts are achievable thanks to this lightweight and easy to maneuver saw.

### FEATURES

- The perfect tool for cutting materials such as plastics, fiberglass, composites, aluminum and sheet metal
- Small, lightweight design provides greater accessibility and increases operator productivity
- Adjustable rear exhaust directs air away from work piece
- Ergonomic rubber grip offers improved comfort during extended use

### INCLUDES

90928 24 tooth saw blade  
90929 32 tooth saw blade

Saw blades also available for purchase separately.



Model RS1

**9,000 STROKES  
PER MINUTE**

**2 YEAR  
WARRANTY**

Model Number	Strokes Per Minute	Stroke Length	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
RS1	9,000	3/8"	83 dB(A)	9.5 (269)	3/8 (10)	1/4" NPT	1.5 (68)	1.75 (44)	10.4 (264)

## RELATED PRODUCTS



DynaJet In-Line  
Blow Gun  
Safety-Tip  
Design  
Page 60



Dynaswivel®  
Page 58



Lubricants  
Page 69



Abrasives  
Page 82

## DYNABRADE NITRO SERIES™ RIGHT ANGLE DIE GRINDER

For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring

### FEATURES

- ▶ Compact, lightweight contemporary tool design permits easy access to tight areas
- ▶ Thermoplastic rubber tool grip reduces cold air transmission and absorbs vibration
- ▶ Smooth, efficient air motor
- ▶ Includes safety-lock lever; rotational rear exhaust to direct away from operator
- ▶ 3-piece collet, interchangeable inserts, low collet runout < .003"



Model DGR31  
Model DGR32

**SPEED**  
16,000 RPM

**POWER**  
0.3 hp (224 W)

**COLLET**  
1/4" or 6 mm

## DYNABRADE NITRO SERIES™ RIGHT ANGLE DIE GRINDER

For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring

### FEATURES

- ▶ Compact, lightweight contemporary tool design permits easy access to tight areas
- ▶ Thermoplastic rubber tool grip reduces cold air transmission and absorbs vibration
- ▶ Smooth, efficient air motor
- ▶ Includes safety-lock lever; rotational rear exhaust to direct away from operator
- ▶ 3-piece collet, interchangeable inserts, low collet runout < .003"



Model DGR51  
Model DGR52

**2 YEAR  
WARRANTY**

**SPEED**  
14,000 RPM

**POWER**  
0.5 hp (373 W)

**COLLET**  
1/4" or 6 mm

Model Number	Collet Insert	Sound Level	Maximum Air Flow SCFM (L/Min)	Air Inlet Thread	Hose Size Inch (mm)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
DGR31	1/4"	86 dB(A)	18 (510)	1/4" NPT	3/8 (10)	1.2 (.54)	1.6 (41)	6.5 (165)
DGR32	6 mm	86 dB(A)	18 (510)	1/4" NPT	3/8 (10)	1.2 (.54)	1.6 (41)	6.5 (165)
DGR51	1/4"	84 dB(A)	26 (736)	1/4" NPT	3/8 (10)	1.6 (.73)	1.8 (46)	7.1 (180)
DGR52	6 mm	84 dB(A)	26 (736)	1/4" NPT	3/8 (10)	1.6 (.73)	1.8 (46)	7.1 (180)

**Additional Specifications:** Air Pressure 90 PSIG (6.2 Bar)



## RIGHT ANGLE DIE GRINDER

### FEATURES

- ▶ Rear Exhaust Models with Standard Muffler
- ▶ Governor-controlled motor maintains speed under load
- ▶ Kevlar® phenolic vanes for longer life
- ▶ Needle bearing assures proper shaft alignment
- ▶ Lightweight ergonomic design for greater comfort and control
- ▶ Dual wick lubrication system, saturated with gear oil for extended gear life for over 700 hours



Model 48316

**SPEED**  
15,000 RPM

**POWER**  
.4 hp (298 W)

**COLLET**  
1/4" and 6 mm

## RIGHT ANGLE DIE GRINDER

### FEATURES

- ▶ Composite Housing Models
- ▶ All models include 1/4" and 6 mm Collet Insert
- ▶ Thermal-insulated handle reduces cold air transmission to operator
- ▶ Tools include lightweight aluminum head
- ▶ Safety-lock throttle lever prevents accidental startup of tool



**LIFETIME**  
WARRANTY



Model 54343

**SPEED**  
12,000 RPM

**POWER**  
.7 hp (522 W)

**COLLET**  
1/4" and 6 mm

Model Number	Sound Level	Maximum Air Flow SCFM (L/Min)	Collets Included	Air Inlet Thread	Hose Size Inch (mm)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
48316	79 dB(A)	25 (708)	1/4" & 6 mm	1/4" NPT	1/4 (6)	1 (.47)	2.9 (73)	6.5 (164)
54343	80 dB(A)	38 (1,076)	1/4" & 6 mm	1/4" NPT	3/8 (10)	2.2 (1)	2.88 (73)	7.8 (200)

**Additional Specifications:** Air Pressure 90 PSIG (6.2 Bar)

## RELATED PRODUCTS



DynaJet In-Line  
Blow Gun  
Safety-Tip  
Design  
Page 60



Carbide Burrs  
Page 91



Dynaswivel®  
Page 58



Filter/Regulator/  
Lubricator  
Page 58

## DYNABRADE NITRO SERIES™ STRAIGHT-LINE DIE GRINDER

### FEATURES

- ▶ Compact, lightweight contemporary tool design
- ▶ Thermoplastic rubber tool grip reduces cold air transmission and absorbs vibration
- ▶ Smooth, efficient air motor
- ▶ Includes safety-lock lever; rotational rear exhaust to direct away from operator
- ▶ 3-piece collet, interchangeable inserts, low collet runout < .003"



Model DGS31  
Model DGS32

**SPEED**  
25,000 RPM

**POWER**  
0.3 hp (224 W)

**COLLET**  
1/4" or 6 mm

## DYNABRADE NITRO SERIES™ STRAIGHT-LINE DIE GRINDER

### FEATURES

- ▶ Compact, lightweight contemporary tool design
- ▶ Thermoplastic rubber tool grip reduces cold air transmission and absorbs vibration
- ▶ Smooth, efficient air motor
- ▶ Includes safety-lock lever; rotational rear exhaust to direct away from operator
- ▶ 3-piece collet, interchangeable inserts, low collet runout < .003"



Model DGS51  
Model DGS52

**2 YEAR  
WARRANTY**

**SPEED**  
20,000 RPM

**POWER**  
0.5 hp (373 W)

**COLLET**  
1/4" or 6 mm

Model Number	Collet Insert	Sound Level	Maximum Air Flow SCFM (L/Min)	Air Inlet Thread	Hose Size Inch (mm)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
DGS31	1/4"	84 dB(A)	18 (510)	1/4" NPT	3/8 (10)	.98 (.44)	1.6 (41)	6.2 (157)
DGS32	6 mm	84 dB(A)	18 (510)	1/4" NPT	3/8 (10)	.98 (.44)	1.6 (41)	6.2 (157)
DGS51	1/4"	83 dB(A)	26 (736)	1/4" NPT	3/8 (10)	1.35 (.61)	1.8 (46)	7.4 (188)
DGS52	6 mm	83 dB(A)	26 (736)	1/4" NPT	3/8 (10)	1.35 (.61)	1.8 (46)	7.4 (188)

**Additional Specifications:** Air Pressure 90 PSIG (6.2 Bar)



## STRAIGHT-LINE DIE GRINDER

Dynabrade 0.4 hp die grinders offer an innovative design for peak efficiency and longer life. Ideal for rapid material removal, deburring, finishing and polishing.

### FEATURES

- ▶ Governor-controlled motor maintains consistent motor speed under load and delivers optimal power
- ▶ Case-hardened tool cylinder to retain core toughness and prevent cracking
- ▶ Comfortable tactile grip is co-molded to composite housing, providing comfortable non-slip grip



Model 48325

**SPEED**  
25,000 RPM

**POWER**  
0.4 hp (298 W)

**COLLET**  
1/4" and 6 mm



**LIFETIME**  
WARRANTY

## STRAIGHT-LINE DIE GRINDER

### FEATURES

- ▶ Gearless for reduced maintenance
- ▶ Includes 1/4" & 6mm collet inserts
- ▶ Front exhaust clears work area and cools abrasive



Model 51305

**SPEED**  
18,000 RPM

**POWER**  
0.5 hp (373 W)

**COLLET**  
1/4" and 6 mm

Model Number	Sound Level	Maximum Air Flow SCFM (L/Min)	Collets Included	Air Inlet Thread	Hose Size Inch (mm)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
48325	79 dB(A)	23 (651)	1/4" & 6 mm	1/4" NPT	1/4 (6)	.9 (.4)	1.7 (44)	6.5 (166)
51305	74 dB(A)	26 (736)	1/4" & 6 mm	1/4" NPT	3/8 (10)	1.8 (.8)	9.25 (48)	1.8 (48)

**Additional Specifications:** Air Pressure 90 PSIG (6.2 Bar)



Lubrication  
Page 69



Carbide Burrs  
Page 91



Dynaswivel®  
Page 58



Filter/Regulator/  
Lubricator  
Page 58

## DYNABRADE NITRO SERIES™ 2" DIA. RIGHT ANGLE DISC SANDER

Ideal for quick weld removal, metal beveling in weld preparation, deburring and deflashing, surface conditioning and paint removal. Ergonomic tools accept locking-type abrasive discs (coated and non-woven nylon).

### FEATURES

- ▶ Compact, lightweight contemporary tool design permits easy access to tight areas
- ▶ Thermoplastic rubber tool grip absorbs vibration and reduces cold air transmission
- ▶ Includes locking-type disc pad, 2" diameter (R-type pad)
- ▶ Smooth, efficient air motor
- ▶ Includes safety-lock lever; rear exhaust

## DYNABRADE NITRO SERIES™ 3" DIA. RIGHT ANGLE DISC SANDER

Ideal for quick weld removal, metal beveling in weld preparation, deburring and deflashing, surface conditioning and paint removal. Ergonomic tools accept locking-type abrasive discs (coated and non-woven nylon).

### FEATURES

- ▶ Compact, lightweight contemporary tool design permits easy access to tight areas
- ▶ Thermoplastic rubber tool grip absorbs vibration and reduces cold air transmission
- ▶ Includes locking-type disc pad, 3" diameter (R-type pad)
- ▶ Smooth, efficient air motor
- ▶ Includes safety-lock lever; rear exhaust

Model Number	Sound Level	Maximum Air Flow SCFM (L/Min)	Tool Thread	Air Inlet Thread	Hose Size Inch (mm)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
DS32	86 dB(A)	18 (510)	1/4" – 20	1/4" NPT	3/8 (10)	1.2 (.54)	1.6 (41)	6.5 (165)
DS53	84 dB(A)	26 (736)	1/4" – 20	1/4" NPT	3/8 (10)	1.6 (.73)	1.8 (46)	7.1 (180)

**Additional Specifications:** Air Pressure 90 PSIG (6.2 Bar)

## 2" NITRO WELD REMOVAL KIT

Model 22243

### INCLUDES

DS32 NITRO 2" Disc Sander  
 94300 1/4" Composite Dynaswivel  
 73593 10 DynaFire Ceramic Locking Type Sanding Disc, 50mm, P36  
 73066 10 Cotton Fibre Deburring and Finishing Locking Type Disc, P36, MED  
 22001 Apron  
 Durable carrying case

## 3" NITRO WELD REMOVAL KIT

Model 22244

### INCLUDES

DS53 NITRO 3" Disc Sander  
 94300 1 - 1/4" Composite Dynaswivel  
 73597 10 DynaFire Ceramic Locking Type Sanding Disc, 75mm, P36  
 73063 10 Cotton Fibre Deburring and Finishing Locking Type Disc, P36, MED  
 22001 Aprons  
 Durable carrying case



**2 YEAR  
WARRANTY**





## 2" DIA. RIGHT ANGLE DISC SANDER

### FEATURES

- ▶ Right Angle, Front Exhaust
- ▶ Wick-lube system extends gear life
- ▶ Governor-controlled motor maintains speed under load
- ▶ Includes 51344 Locking-Type Pad (2" diameter)



Motor Tune-Up Kits will extend the life of an air tool when used with a preventative maintenance schedule.



Model 47821

**SPEED**  
15,000 RPM

**POWER**  
0.4 hp (298 W)

## 3" DIA. RIGHT ANGLE DISC SANDER

Ideal for quick weld removal, metal beveling in weld preparation, deburring and deflashing, surface conditioning and paint removal. Ergonomic tools accept locking-type abrasive discs (coated and non-woven nylon).

### FEATURES

- ▶ Composite tool housing
- ▶ Thermal-insulated handle reduces cold air transmission to operator
- ▶ Wick-lube system extends gear life
- ▶ Safety-lock throttle lever prevents accidental startup of tool



**LIFETIME WARRANTY**



Model 54400

**SPEED**  
18,000 RPM

**POWER**  
0.7 hp (522 W)

Model Number	Sound Level	Maximum Air Flow SCFM (L/Min)	Air Inlet Thread	Hose Size Inch (mm)	Tool Thread	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
47821	85 dB(A)	25 (708)	1/4" NPT	1/4 (6)	1/4" – 20 Male	1.1 (.5)	3.5 (89)	4.4 (111)
54400	83 dB(A)	41 (1,161)	1/4" NPT	3/8 (10)	3/8" – 24 Male	2.3 (1)	3.5 (89)	8.5 (216)

**Additional Specifications:** Air Pressure 90 PSIG (6.2 Bar)

## RELATED PRODUCTS



Lubrication  
Page 69



Locking  
Type Discs  
Page 86



Dynaswivel®  
Page 58



General  
Clean-up  
Page 51

## DYNABRADE NITRO SERIES™ NITROZIP SURFACE PREPARATION TOOL

Using a Dynabrade Nitro Series™ NitroZip equipped with a wire wheel allows technicians to remove rust and seam sealers in preparation for repair or replacement of damaged vehicle components. Sharp wire wheels cut quickly, and do not “load” with thick, gummy sealer. Wheels can be resharpened by reversing the direction of the wire rotation and running on a hard surface.

### FEATURES

- ▶ Dynabrade Nitro Series™ NitroZip tool outperforms conventional spiral-wound wheels without clogging
- ▶ Excellent power for effectively removing seam sealer and paint
- ▶ Tool duplicates sand-blasting effect without surface fatigue
- ▶ Excellent for removing two-sided adhesive molding tape and decal material with use of rubber eraser wheel
- ▶ Eraser Wheel has serrations for improved cooling effect air flow. Also resists heat buildup and reduces jumping and vibration



Model NZ1

**SPEED**  
3,500 RPM

**POWER**  
0.5 hp (373 W)

**2 YEAR**  
WARRANTY

**TECH  
TIP**

When using the Dynabrade Nitro Series™ NitroZip with a wire or eraser wheel apply gentle pressure to the work surface keeping the tool in motion for easy surface preparation and decal removal.

## BENEFITS



When equipped with a wire wheel the Dynabrade Nitro Series™ NitroZip removes seam sealer quickly and without clogging leaving the surface below ready for rework.



Using an eraser wheel the Dynabrade Nitro Series™ NitroZip quickly removes decals without harming the paint below, as well as removing adhesives without smearing on the painted surface.

DYNABRADE NITRO SERIES™  
NITROZIP KIT

INCLUDES

- NZ1 Standard Tool
- 92252 1/2" Wheel Hub Assembly (1)
- 92248 1/2" Coarse Wire Wheel (1)
- 92239 3/4" Wheel Hub Assembly (1)
- 92245 3/4" Coarse Wire Wheel (1)
- 92255 RED-TRED® Zip Eraser Wheel (1)




2 YEAR  
WARRANTY

Model Number	Sound Level	Maximum Air Flow SCFM (L/Min)	Air Inlet Thread	Hose Size Inch (mm)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
NZ1	83 dB(A)	28 (792)	1/4" NPT	3/8 (10)	2.6 (1.2)	3.25 (83)	10.7 (272)
22243	83 dB(A)	28 (792)	1/4" NPT	3/8 (10)	2.6 (1.2)	3.25 (83)	10.7 (272)
22244	83 dB(A)	28 (792)	1/4" NPT	3/8 (10)	2.6 (1.2)	3.25 (83)	10.7 (272)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)


RELATED PRODUCTS




Coarse Wire Wheels  
Page 61



Beige Eraser Wheel  
Page 61



Hub  
Page 61



Lubrication  
Page 51





# MULTI-PURPOSE TOOLS

Random orbital, orbital, and in-line sanders are used throughout the stages of vehicle repair and restoration from prep work in the body shop to finish work before buffing in the paint shop. The wide range of Dynabrade sanders offered for applications throughout the shop allow technicians to always have the right sander for the job. Cutting through layers of clear, paint and primer or leveling body filler can be performed faster and with

fewer abrasives when the tool and abrasive are matched to the size and severity of the application. Optimizing these applications can call for an aggressive 3/8" (10 mm) orbit palm sander or even a "Mudhog" (gear-driven sander) with a coarse grit abrasive to move vehicles more quickly to the paint booth.

Tools like the DynaLocke® provide technicians with a single tool capable of performing like a disc sander and a dual

action in multiple different tasks by switching between rotary and random orbital sanding action. Jitterbug, or power block, sanders are ideal when sanding corners or leveling large surface like a hood or roof top. Versatility within the shop is a critical component to optimizing a process for fast and repeatable results, and having the right tool or tools for the job can make all the difference.



## DYNORBITAL® VERSATILITY



### Feather Edging

When sanding to bare metal Dynabrade random orbital sanders can be operated at full throttle to remove surface defects as well as prepare deep dents. The random orbital can then be throttled back for feather-edging applications, providing technicians with greater control and helping prevent the removal of too much material in preparation for new paint.



### Clear Coat Repair

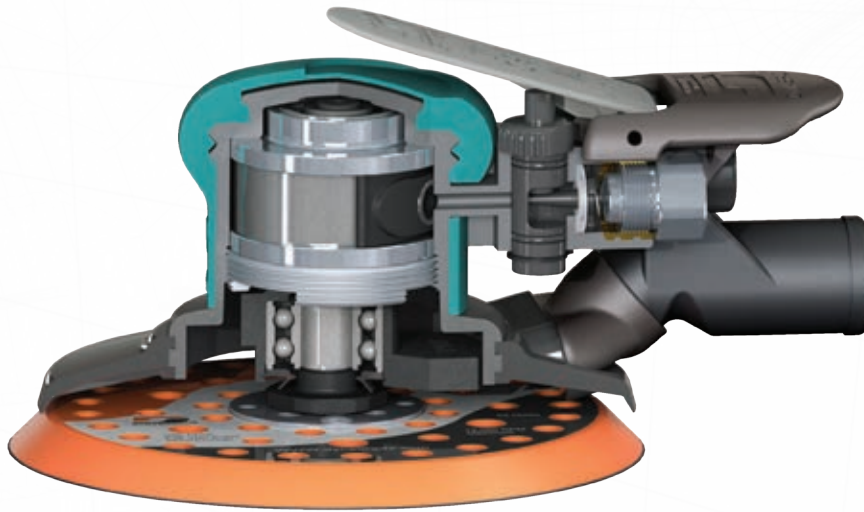
Using a sequence of grits, the Dynorbital® Extreme quickly levels worn clear coat, a critical step to matching or re-establishing the finish or a repaired portion of a vehicle to the factory finish. Without a level surface prior to buffing or polishing the final finish can appear dull or faded rather than a high-gloss polish.



### Headlight Repair

In addition to paint prep and clear coat repair Dynabrade random orbital sanders are often used to restore the clarity of headlight covers. After leveling the scratches and dings created by gravel and other debris impacting headlight covers, a palm-style buffer is used to apply the final finish.

# DYNORBITAL-SPIRIT® RANDOM ORBIT SANDER



## COMPACT GRIP

Ergonomically designed to fit naturally in operator hands

## RECESSED THROTTLE LEVER

Eliminates pressure point on operator's hand

## COMFORT PLATFORM

Provides hand and wrist support

## SPEED CONTROL

Adjust speed for sensitive substrates

## WEIGHT-MATED PAD

Minimizes vibration

3" (76 mm) – 75 grams

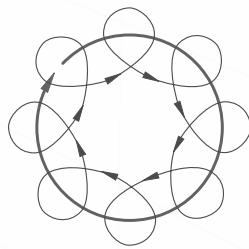
5" (127 mm) – 100 grams

6" (152 mm) – 130 grams



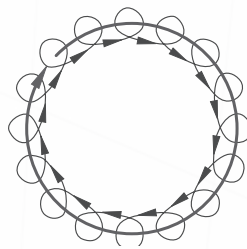
**3/8" (10 mm)  
DIAMETER ORBIT**

**Aggressive Sanding**  
Orange Throttle Lever



**3/16" (5 mm)  
DIAMETER ORBIT**

**General Sanding**  
Gray Throttle Lever



**3/32" (2.5 mm)  
DIAMETER ORBIT**

**Ultra-Fine Sanding**  
Black Throttle Lever

## BENEFITS



The Dynorbital-Spirit® is the lightest random orbital sander from Dynabrade and is ideal for vertical feather-edging applications where technicians are working in front of their body or at eye level with a vehicle raised on a lift. Weighing less than two pounds the Spirit sander reduces operator fatigue and relieves stress on wrists and arms. Improve shop air quality by combining with Dynabrade Mini-Raptor Vacs®.

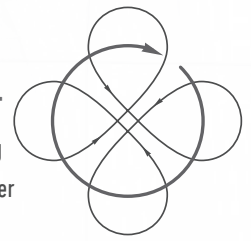


## MATERIAL REMOVAL APPLICATIONS

Dynorbital-Spirit® sanders with a 3/8" (10 mm) orbit make quick work of heavy material removal applications. The wide throw sands a greater surface area than general and fine finishing sanders.



**3/8" (10 mm)  
DIAMETER ORBIT**  
Aggressive Sanding  
Orange Throttle Lever



### NON-VACUUM

Model Number	Diameter Inch (mm)	Pad Style	Sound Level	Weight Pound (kg)	Length Inch (mm)
59100	3 (76)	Vinyl	81 dBA	1.6 (.7)	7 (178)
59005	5 (127)	Vinyl	81 dBA	1.5 (.7)	6.5 (165)
59010	6 (152)	Vinyl	82 dBA	1.6 (.7)	7 (178)
59178	6 (152)	Hook-face	82 dBA	1.6 (.7)	7 (178)

### SELF-GENERATED VACUUM

Model Number	Diameter Inch (mm)	Pad Style	Sound Level	Weight Pound (kg)	Length Inch (mm)
59103	3 (76)	Vinyl	84 dBA	1.5 (.7)	8.5 (216)
59008	5 (127)	Vinyl	82 dBA	1.6 (.7)	8.5 (216)
59013	6 (152)	Vinyl	85 dBA	1.7 (.7)	9 (229)

### CENTRAL VACUUM

Model Number	Diameter Inch (mm)	Pad Style	Sound Level	Weight Pound (kg)	Length Inch (mm)
59104	3 (76)	Vinyl	79 dBA	1.5 (.7)	7 (178)
59009	5 (127)	Vinyl	83 dBA	1.5 (.7)	7.25 (184)
59014	6 (152)	Vinyl	84 dBA	1.6 (.7)	7.75 (197)
59181	6 (152)	Hook-face	83 dBA	1.6 (.7)	7.75 (197)

#### Additional Specifications:

Pad Thread 5/16"-24 Male • Air Inlet Thread 1/4" NPT • Hose I.D. Size 1/4" (6 mm)  
Air Flow Rate 14 SCFM (396 L/PM) • Height 3-1/2" (89 mm) • Air Pressure 90 PSIG (6.2 Bar)  
Sound Level is the pressure measurement according to the method outlined in ISO regulation ISO-15744



**SPEED**  
12,000 RPM

**POWER**  
0.3 hp (224 W)



**LIFETIME  
WARRANTY**

## TECH TIP

For a swirl-free finish, always start the sander on the work surface and stop the sander off the surface.

## RELATED PRODUCTS



Sanding Pads  
Page 62



Extreme  
Orange Discs  
Page 76



Swivel Adaptor  
Page 59



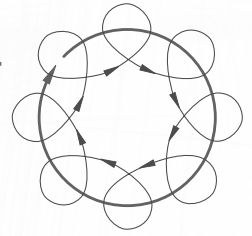
Raptor Vac®  
Vacuum  
Systems  
Page 50

## GENERAL SANDING

Dynorbital-Spirit® sanders with a 3/16" (5 mm) orbit are an excellent choice for general purpose sanding, able to remove material and feather-edge surfaces when combined with a wide range of abrasive grits.



**3/16" (5 mm)  
DIAMETER ORBIT**  
General Sanding  
Gray Throttle Lever



### NON-VACUUM

Model Number	Diameter Inch (mm)	Pad Style	Sound Level	Weight Pound (kg)	Length Inch (mm)
59105	3 (76)	Vinyl	79 dBA	1.4 (.6)	6.5 (165)
59020	5 (127)	Vinyl	80 dBA	1.4 (.6)	6.5 (165)
59025	6 (152)	Vinyl	81 dBA	1.5 (.7)	7 (178)
59179	6 (152)	Hook-face	81 dBA	1.5 (.7)	7 (178)

### SELF-GENERATED VACUUM

Model Number	Diameter Inch (mm)	Pad Style	Sound Level	Weight Pound (kg)	Length Inch (mm)
59108	3 (76)	Vinyl	83 dBA	1.4 (.6)	8.5 (216)
59023	5 (127)	Vinyl	82 dBA	1.5 (.7)	8.5 (216)
59028	6 (152)	Vinyl	85 dBA	1.6 (.7)	9 (229)

### CENTRAL VACUUM

Model Number	Diameter Inch (mm)	Pad Style	Sound Level	Weight Pound (kg)	Length Inch (mm)
59109	3 (76)	Vinyl	83 dBA	1.4 (.6)	7.25 (184)
59024	5 (127)	Vinyl	81 dBA	1.5 (.6)	7.25 (184)
59029	6 (152)	Vinyl	83 dBA	1.6 (.7)	7.75 (197)
59182	6 (152)	Hook-face	82 dBA	1.6 (.7)	7.75 (197)

#### Additional Specifications:

Pad Thread 5/16"-24 Male • Air Inlet Thread 1/4" NPT • Hose I.D. Size 1/4" (6 mm)  
Air Flow Rate 14 SCFM (396 L/PM) • Height 3-1/2" (89 mm) • Air Pressure 90 PSIG (6.2 Bar)  
Sound Level is the pressure measurement according to the method outlined in ISO regulation ISO-15744



**SPEED**

12,000 RPM

**POWER**

0.3 hp (224 W)



**LIFETIME  
WARRANTY**



#### DynaMaze® Vacuum Pad

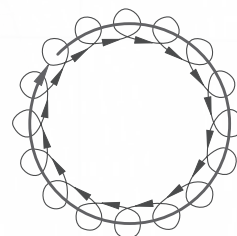
- Exclusive mesh design accepts all abrasive types and hole configurations.
- Efficient, hook-face technology.
- Increased vacuum capability promotes operator safety.
- Reduced vibration for operator comfort.
- Unique single-piece hub design ensures tool balance and further reduces vibration.

## ULTRA-FINE SANDING

Dynorbital-Spirit® sanders with a 3/32" (2.5 mm) orbit are best utilized in fine finishing and surface repair applications. Delicate enough to level clear coats in preparation for buffing and final finishing.



**3/32" (2.5 mm)  
DIAMETER ORBIT**  
Ultra-Fine Sanding  
Black Throttle Lever



### NON-VACUUM

Model Number	Diameter Inch (mm)	Pad Style	Sound Level	Weight Pound (kg)	Length Inch (mm)
59110	3 (76)	Vinyl	81 dBA	1.3 (.6)	7 (178)
59035	5 (127)	Vinyl	81 dBA	1.4 (.6)	6.5 (165)
59040	6 (152)	Vinyl	82 dBA	1.6 (.7)	7 (178)
59180	6 (152)	Hook-face	80 dBA	1.5 (.7)	7 (178)

### SELF-GENERATED VACUUM

Model Number	Diameter Inch (mm)	Pad Style	Sound Level	Weight Pound (kg)	Length Inch (mm)
59113	3 (76)	Vinyl	85 dBA	1.4 (.6)	9 (229)
59038	5 (127)	Vinyl	81 dBA	1.5 (.7)	8.5 (216)
59043	6 (152)	Vinyl	86 dBA	1.5 (.7)	9 (229)

### CENTRAL VACUUM

Model Number	Diameter Inch (mm)	Pad Style	Sound Level	Weight Pound (kg)	Length Inch (mm)
59114	3 (76)	Vinyl	84 dBA	1.4 (.6)	7.75 (197)
59039	5 (127)	Vinyl	83 dBA	1.4 (.6)	7.75 (184)
59044	6 (152)	Vinyl	80 dBA	1.5 (.7)	7.75 (197)
59183	6 (152)	Hook-face	81 dBA	1.5 (.7)	7.75 (197)

#### Additional Specifications:

Pad Thread 5/16"-24 Male • Air Inlet Thread 1/4" NPT • Hose I.D. Size 1/4" (6 mm)  
Air Flow Rate 14 SCFM (396 L/PM) • Height 3-1/2" (89 mm) • Air Pressure 90 PSIG (6.2 Bar)  
Sound Level is the pressure measurement according to the method outlined in ISO regulation ISO-15744



**SPEED**  
12,000 RPM

**POWER**  
0.3 hp (224 W)



**LIFETIME  
WARRANTY**

## RELATED PRODUCTS



Sanding Pads  
Page 62



Extreme  
Orange Discs  
Page 76



Coupler and  
Plug Assembly  
Page 59



Raptor Vac®  
Vacuum  
Systems  
Page 50

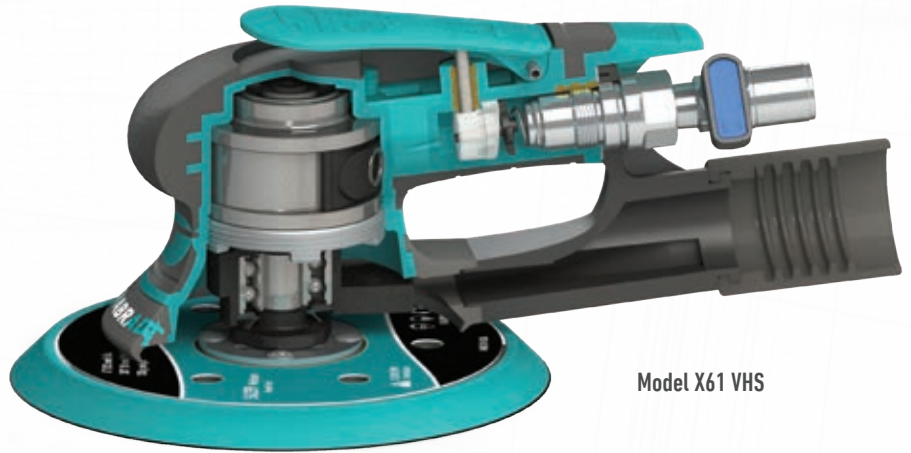


## DYNORBITAL® EXTREME RANDOM ORBITAL SANDER SERIES

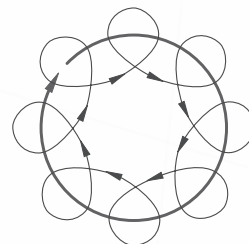
Dynabrade proudly introduces our most refined random orbital sander to date. The Dynorbital® Extreme boasts the greatest power and most consistent speed of any palm-style orbital sander. Power and speed combine to quickly and reliably produce the desired finish, while ergonomic features keep operators safe and comfortable throughout their day. Symmetrical design allows left or right-handed operators to work comfortably, while the compact size of the Dynorbital® Extreme fits naturally in most operator's hands.

### FEATURES

- ▶ Recessed throttle lever
- ▶ Integrated comfort platform
- ▶ Comfort grip
- ▶ Lip Seal Shroud
- ▶ Weight-Mated Sanding Pad
- ▶ Integrated Swivel Cuff
- ▶ Increased Port Size

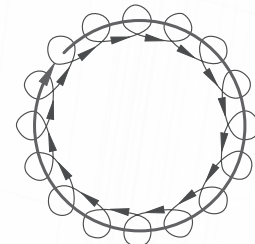


Model X61 VHS



**3/16" (5 mm)  
DIAMETER ORBIT**

General Sanding  
Teal Throttle Lever



**3/32" (2.5 mm)  
DIAMETER ORBIT**

Ultra-Fine Sanding  
Black Throttle Lever

**TECH  
TIP**

For a swirl-free finish, always start the sander on the work surface and stop the sander off the surface.



**LIFETIME  
WARRANTY**

## BENEFITS



### Extreme Power

New motor design has the highest power-to-weight ratio in the industry, with 0.3 hp at 1.8 lbs. Most consistent speed under load in industry, running at 92% of rated tool speed. New rotor design enhances power with less friction.



### Extreme Comfort

Ergonomic design with integrated comfort platform for more wrist support and overall operator comfort. Soft grip co-molded to rigid composite base housing for maximum comfort and durability. Recessed throttle lever eliminates pinch and pressure points on an operator's palm.



### Extreme Performance

Achieve consistent, superior finishes in less time. Premium sanding pad is weight-mated for the lowest vibration levels. Made from the highest quality materials for extreme durability and longevity.

## NON-VACUUM

Model Number	Diameter Inch (mm)	Pad Type	Orbit Dia. Inch (mm)	Sound Level	Weight Pound (kg)	Length Inch (mm)
X51	5 (127)	PSA	3/16 (5)	74 dBA	1.78 (0.8)	6.9 (176)
X51H	5 (127)	Hook-Face	3/16 (5)	73 dBA	1.78 (0.8)	6.9 (176)
X52	5 (127)	PSA	3/32 (2.5)	73 dBA	1.74 (0.8)	6.9 (176)
X52H	5 (127)	Hook-Face	3/32 (2.5)	72 dBA	1.74 (0.8)	6.9 (176)
X61	6 (152)	PSA	3/16 (5)	72 dBA	1.86 (0.8)	7.4 (188)
X61H	6 (152)	Hook-Face	3/16 (5)	78 dBA	1.86 (0.8)	7.4 (188)
X62	6 (152)	PSA	3/32 (2.5)	73 dBA	1.82 (0.8)	7.4 (188)
X62H	6 (152)	Hook-Face	3/32 (2.5)	75 dBA	1.82 (0.8)	7.4 (188)

## CENTRAL VACUUM

Model Number	Diameter Inch (mm)	Pad Type	Orbit Dia. Inch (mm)	Sound Level	Weight Pound (kg)	Length Inch (mm)
X51V	5 (127)	Hook-Face	3/16 (5)	74 dBA	1.94 (0.9)	9.1 (230)
X52V	5 (127)	Hook-Face	3/32 (2.5)	74 dBA	1.9 (0.9)	9.1 (230)
X61V	6 (152)	Hook-Face	3/16 (5)	73 dBA	2.02 (0.9)	9.5 (242)
X62V	6 (152)	Hook-Face	3/32 (2.5)	73 dBA	1.98 (0.9)	9.5 (242)

## SPEED CONTROL SERIES - FOR VARIABLE SPEED

Model Number	Diameter Inch (mm)	Pad Type	Orbit Dia. Inch (mm)	Sound Level	Weight Pound (kg)	Length Inch (mm)
X51VHS	5 (127)	Hook-Face	3/16 (5)	74 dBA	2.04 (0.94)	9.1 (230)
X51HS	5 (127)	Hook-Face	3/16 (5)	73 dBA	1.88 (0.85)	6.5 (165)
X61VHS	6 (152)	Hook-Face	3/16 (5)	73 dBA	2.12 (0.96)	9.5 (242)
X61HS	6 (152)	Hook-Face	3/16 (5)	75 dBA	1.96 (0.89)	7.4 (188)

### Additional Specifications:

Height: 3.7" (95 mm) • Air Inlet: 1/4" NPT • Air Hose I.D.: 1/4" (6 mm) • Air Pressure: 90 PSIG (6.2 Bar)  
Maximum Air Flow: 19 SCFM (538 L/PM)



**SPEED**  
12,000 RPM

**POWER**  
0.3 hp (224 W)



**TECH TIP**

Adding flow control airline connector 95756 allows technicians to "dial in" the speed of the Dynorbital® Extreme for each application.

## RELATED PRODUCTS



Sanding Pads  
Page 62



Extreme  
Orange Discs  
Page 76



Speed Control  
Page 58



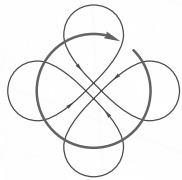
M Class  
Vacuum  
System  
Page 53

## TWO-HAND ROS SANDER

With nearly twice the power of a traditional palm-style random orbital sander two-hand sanders efficiently power larger diameter discs and abrasives. The added handle and throttle lever provide technician with greater control especially when working on vertical sides of a vehicle.

### FEATURES

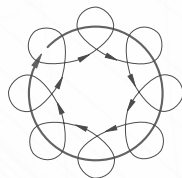
- 5" (125 mm) and 6" (150 mm) models are 12,000 RPM. Pads have 5/16"-24 male thread
- 8" (200 mm) models are 10,000 RPM. Pads mount with 5 screws
- Central Vacuum models include combination lip seal/overskirt shroud, which offers enhanced vacuum capability



**3/8" (10 mm)  
DIAMETER ORBIT**  
Aggressive Sanding

Model Number	Vacuum Type	Diameter Inch (mm)	Sound Level	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58415	Non-Vacuum	5 (127)	82 dBA	2.5 (1.2)	11 (280)	4.94 (126)
58419	Non-Vacuum	6 (152)	84 dBA	2.5 (1.2)	11.37 (288)	4.94 (126)
DAQ6	Non-Vacuum	6 (152)	84 dBA	4.4 (2)	8.5 (216)	4.25 (108)
58420	Central Vacuum	5 (127)	81 dBA	2.7 (1.2)	11.37 (288)	4.94 (126)

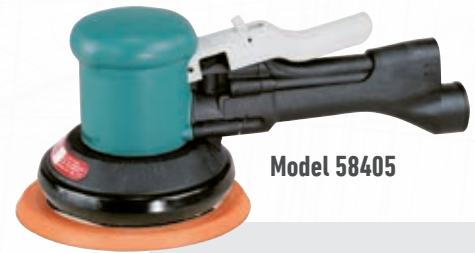
**Additional Specifications:** Air Inlet Thread 1/4" NPT • Hose I.D. Size 1/4" • Air Pressure 90 PSIG  
DAQ6: Air Pressure 75 PSIG • Maximum Air Flow 23 SCFM / 651 L/Min



**3/16" (5 mm)  
DIAMETER ORBIT**  
General Sanding

Model Number	Vacuum Type	Diameter Inch (mm)	Sound Level	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58400	Non-Vacuum	5 (127)	82 dBA	2.5 (1.2)	11 (280)	4.93 (126)
58405	Non-Vacuum	6 (152)	81 dBA	2.6 (1.2)	11.37 (288)	4.93 (126)
58410	Non-Vacuum	8 (203)	82 dBA	4.0 (1.8)	12.5 (319)	5.62 (142)
58409	Central Vacuum	6 (152)	84 dBA	2.7 (1.2)	11.37 (288)	4.93 (126)
58414	Central Vacuum	8 (203)	85 dBA	4.2 (1.9)	12.5 (319)	5.62 (142)

**Additional Specifications:** Air Inlet Thread 1/4" NPT • Hose I.D. Size 1/4" • Air Pressure 90 PSIG  
Maximum Air Flow 23 SCFM / 651 L/Min



**Model 58405**

### SPEED

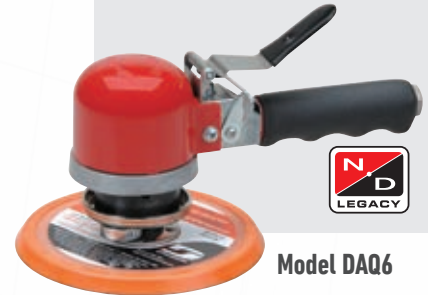
**12,000 RPM**

### POWER

**0.45 hp (336 W)**

### DIAMETER

**5" (125 mm), 6" (150 mm)**



**Model DAQ6**



**Model 58414**

### SPEED

**8" Models 10,000 RPM**

**5", 6" Models 12,000 RPM**

### POWER

**0.45 hp (336 W)**

### DIAMETER

**5" (125 mm), 6" (150 mm),  
8" (200 mm)**



**LIFETIME  
WARRANTY**

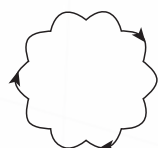


## GEAR-DRIVEN SANDER

Gear-Driven Sanders or "Mudhog" sanders are utilized for quick, aggressive removal and leveling of body filler, glues and coatings. These slow-speed, high-torque sanders have an epicycloidal motion that typically combines with coarse grit abrasives to optimize preparation stages allowing operators to spend less time sanding.

### FEATURES

- Ergonomically designed for low vibration and reduced sound levels
- Speed control lever is conveniently located for easy thumb adjustment
- Insulated tool housing reduces cold air transmission to the hand



**EPICYCLOIDAL  
MOTION**

**Aggressive Sanding**

Model Number	Diameter Inch (mm)	Vacuum Type	Hose Size Inch (mm)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
58442	6 (152)	Non-Vacuum	3/8 (10)	3.6 (1.7)	5.62 (143)	11.5 (293)
58443	6 (152)	Central	3/8 (10)	3.8 (1.7)	5.62 (143)	11.5 (293)
58445	8 (203)	Non-Vacuum	3/8 (10)	3.9 (1.8)	5.56 (142)	12.5 (293)
58446	8 (203)	Central	3/8 (10)	4.3 (2.0)	5.56 (142)	12.5 (319)
900	8 (203)	Non-Vacuum	3/8 (10)	3.6 (1.7)	4.5 (113)	9.37 (238)

**Additional Specifications:** Air Inlet Thread 1/4" NPT • Hose I.D. Size 1/4" • Air Pressure 90 PSIG  
Maximum Air Flow 23 SCFM / 651 (L/Min)



**Model 58442**

**SPEED**

**900 RPM**

**POWER**

**0.45 hp (336 W)**

**DIAMETER**

**6" (150 mm), 8" (200 mm)**



**Model 58443**



**LIFETIME  
WARRANTY**



**Model 900**

**SPEED**

**800 RPM**

**POWER**

**0.15 hp (112 W)**

**DIAMETER**

**8" (200 mm)**



## RELATED PRODUCTS



Sanding Pads  
Page 62



A/O Film  
and Paper  
Discs  
Page 77



Optional  
Vacuum Hose  
Assembly  
Page 66



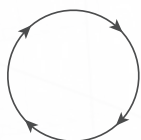
M Class  
Vacuum  
System  
Page 53

# DYNALOCKE®

The DynaLocke® is truly “two tools in one,” easily changing from a rotary Disc Sander to Random Orbital Sander with a turn of the dial. Repair technicians can increase their productivity by accomplishing paint stripping and feather edging applications with one tool.

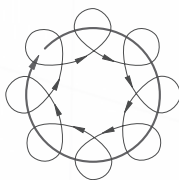
## FEATURES

- ▶ Switch is recessed within tool grip for comfort and to prevent accidental engaging
- ▶ Speed control lever is conveniently located for easy thumb adjustment
- ▶ Insulated tool housing reduces cold air transmission to the hand



### ROTARY MOTION

Stripping and Blending



3/16" (5 mm)  
DIAMETER ORBIT  
General Sanding

Model Number	Diameter Inch (mm)	Sound Level	Maximum Air Flow SCFM (L/Min)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
58460	3 (76)	81 dB(A)	23 (651)	2.35 (1.0)	5.37 (137)	10.31 (263)
58461	3 (76)	86 dB(A)	23 (651)	2.35 (1.0)	5.37 (137)	10.31 (263)
58430	5 (127)	82 dB(A)	23 (651)	2.7 (1.2)	5.12 (131)	11 (280)
58435	6 (152)	82 dB(A)	23 (651)	2.8 (1.2)	5.12 (131)	11 (280)
58436	6 (152)	85 dB(A)	23 (651)	2.7 (1.2)	5.12 (131)	11 (280)

**Additional Specifications:** Air Inlet Thread 1/4" NPT • Hose I.D. Size 1/4" • Air Pressure 90 PSIG  
Maximum Air Flow 23 SCFM (651 L/Min) • Tool Thread 5/16" - 24 Female



Model 58436

### SPEED

12,000 RPM

### POWER

0.45 hp (336 W)

### DIAMETER

3" (75 mm), 5" (125 mm),  
6" (150 mm)



**LIFETIME**  
WARRANTY

## TECH TIP

Tool should be completely stopped before changing sanding action.

# BENEFITS



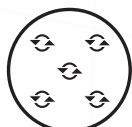
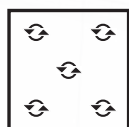
The DynaLocke® quickly strips paint to bare metal when set to rotary mode and converts to random orbital to complete the feather-edging portion of the application.

## DYNABUG® “MODEL T” SANDER

"Model T" sanders are incredibly lightweight, fine-finishing sanders that require very little air flow to reach peak performance, making them ideal for shops without large compressors. Square or circular pads available in several sizes combine with 3/32" orbit provide technicians with a versatile finishing orbital sander.

### FEATURES

- Lightweight... only 1 lb.! Palm-style, ergonomic design features low profile grip for greater operator comfort and control
- Operates 9 SCFM at 90 PSIG. Can be run by as little as 3 horsepower compressor



### ORBITAL MOTION

Featheredge, Finish,  
Sand and Blend

Model Number	Pad Size Inch	Pad Diameter Inch (mm)	Sound Level	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57920	4 x 4.31	—	68 dB(A)	1 (.5)	5 (127)	3 (76)
57922	—	5 (127)	68 dB(A)	1 (.5)	5.5 (140)	3 (76)
57923	4.25 x 4.5	—	68 dB(A)	1 (.5)	5.5 (140)	3 (76)
57924	—	5 (127)	68 dB(A)	1 (.5)	5.5 (140)	3 (76)
57926	—	6 (152)	68 dB(A)	1 (.5)	5 (127)	3 (76)
57927	—	6 (152)	68 dB(A)	1 (.5)	5 (127)	3 (76)
57929	4.25 x 4.5	—	73 dB(A)	1 (.5)	5 (127)	3 (76)

**Additional Specifications:** Air Inlet Thread 1/4" NPT • Hose I.D. Size 1/4" • Air Pressure 90 PSIG  
Maximum Air Flow 9 SCFM / 255 L/Min

## WET DYNABUG® “MODEL T” SANDER

Model Number	Pad Diameter Inch (mm)	Sound Level	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57908	5 (127)	76 dBA	1.5 (0.7)	8 (203)	4 (102)
57909	5 (127)	76 dBA	1.5 (0.7)	8 (203)	4 (102)

**Additional Specifications:** Air Inlet Thread 1/4" NPT • Hose I.D. Size 1/4" • Air Pressure 90 PSIG  
Maximum Air Flow 17 SCFM / 481 L/Min

## RELATED PRODUCTS



Dynasoft™  
Discs  
Page 73



Coupler and  
Plug Assembly  
Page 59



General  
Clean-up  
Page 51

Model 57920



**SPEED**

**20,000 RPM**

**TURBINE-STYLE**



**LIFETIME  
WARRANTY**

Turbine-style, vaneless air motor needs no oil making "Model T" perfect for areas where sensitive finishes are being produced.

**TECH  
TIP**

Model 57909



**SPEED**

**20,000 RPM**

**TURBINE-STYLE**

**LIFETIME  
WARRANTY**



# DYNABUG® II SANDER

Compact and lightweight, Dynabug® II Orbital Sanders access tight areas while limiting operator fatigue – especially when sanding on vertical surfaces. Dynabug® II tools are ideal for feathering applications where creating surfaces with excellent mechanical adhesion qualities is critical in preparation for painting and final finish.

## FEATURES

- Designed to be light weight, ergonomic with a comfort platform to provide additional hand and wrist support



### ORBITAL MOTION

General Sanding

Model Number	Pad Size Inch (mm)	Pad Type	Vacuum Type	Orbit	Sound Level	Weight Pound (kg)	Length Inch (mm)
58500	3 x 4-1/4 (76 x 108)	Hook-face	Non-Vacuum	3/32" (2.5 mm)	78 dBA	1.7 (.78)	6.8 (171)
58503	3-1/4 x 5 (82 x 127)	Hook-face	Non-Vacuum	3/32" (2.5 mm)	78 dBA	1.7 (.78)	7.2 (182)
58507	2-2/3 x 6 7/8 (68 x 175)	Vinyl	Non-Vacuum	3/32" (2.5 mm)	82 dBA	2.2 (.98)	8 (283)
58510	3 x 4 (76 x 102)	Hook-face	Non-Vacuum	3/32" (2.5 mm)	84 dBA	1.7 (.78)	6.5 (171)
58511	2-2/3 x 6 7/8 (68 x 175)	Vinyl	Non-Vacuum	3/32" (2.5 mm)	84 dBA	1.8 (.82)	8 (203)
58516	2-2/3 x 7-3/4 (68 x 196)	Hook-face	Non-Vacuum	3/32" (2.5 mm)	83 dBA	1.8 (.82)	8.5 (215)
58502	3 x 4-1/4 (76 x 108)	Hook-face	Central	3/32" (2.5 mm)	83 dBA	1.8 (.82)	7 (179)
58505	3-1/4 x 5 (82 x 127)	Hook-face	Central	3/32" (2.5 mm)	81 dBA	1.8 (.82)	7.5 (190)
58512	2-2/3 x 7-3/4 (68 x 196)	Hook-face	Central	3/32" (2.5 mm)	84 dBA	1.9 (.86)	8.75 (222)
58513	2-2/3 x 6-7/8 (68 x 175)	Vinyl	Non-Vacuum	3/16" (5 mm)	81 dBA	1.9 (.86)	8.1 (206)
58514	2-2/3 x 7-3/4 (68 x 196)	Hook-face	Non-Vacuum	3/16" (5 mm)	81 dBA	1.9 (.86)	8.6 (218)
58515	2-2/3 x 7-3/4 (68 x 196)	Hook-face	Central	3/16" (5 mm)	80 dBA	2.0 (.91)	8.9 (226)

**Additional Specifications:** Air Inlet Thread 1/4" NPT • Hose I.D. Size 1/4" (6) • Air Pressure 90 PSIG  
Maximum Air Flow 13 SCFM (368 L/Min) • Height 3.7" (94 mm)



Model 58516

### SPEED

3/16" (5 mm) Models  
8,000 RPM

3/32" (2.5 mm) Models  
10,000 RPM

### POWER

0.11 hp (82 W)



Model 58502



**LIFETIME**  
WARRANTY

## BENEFITS



Dynabug® sanders are an ideal choice for use in feather edging applications. The square pad and delicate orbital motion allow technicians to sand in corners without undercutting. When equipped with a long-nap pad and non-woven nylon abrasives Dynabug® and Dynabug®II sanders are excellent scuffing and blending tools.

## DYNABUG® SANDER

Dynabug® orbital sanders are available in two separate orbit patterns - 3/16" or 3/32" - and are recommended for general sanding of horizontal surfaces or for fine sanding and feathering. Being slightly larger and heavier than the Dynabug® II relieves operators of having to apply heavy downward force when leveling a surface in preparation for paint and finishing.

### FEATURES

- Dynabug® sanders can be equipped with a long-nap pad (57852) used with non-woven nylon abrasives for scuffing applications
- Includes premium vinyl-face sanding pad, 3-2/3" x 7"



### ORBITAL MOTION

For General Sanding

Model Number	Vacuum Type	Orbit	Speed RPM	Sound Level	Weight Pound (kg)	Length Inch (mm)
57800	Non-Vacuum	3/16" (5 mm)	8,000	82 dBA	2.5 (1.2)	11 (280)
57804	Central	3/16" (5 mm)	8,000	81 dBA	2.5 (1.2)	11.37 (288)
57810	Non-Vacuum	3/32" (2.5 mm)	10,000	84 dBA	2.5 (1.2)	11 (280)
57814	Central	3/32" (2.5 mm)	10,000	84 dBA	2.5 (1.2)	11.37 (280)

**Additional Specifications:** Air Inlet Thread 1/4" NPT • Hose I.D. Size 1/4" • Air Pressure 90 PSIG  
Height 4.93" 126 mm • Maximum Air Flow 16 SCFM / 453 L/Min

## LONG BOARD SANDER

Two-hand control for blocking applications and for use in vertical applications. Equipped with heavy-duty clips to accept traditional 3-2/3" x 17" abrasive sheets.



### ORBITAL MOTION

For General Sanding

Model Number	Pad Size Inch (mm)	Orbit	Sound Level	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
FB8	2.75 x 16 (70 x 406)	3/16" (5 mm)	85 dBA	2.5 (1.2)	11 (280)	4.93 (126)

**Additional Specifications:** Air Inlet Thread 1/4" NPT • Hose I.D. Size 1/4" • Air Pressure 75 PSIG (5.17 Bar)  
Maximum Air Flow 23 SCFM / 651 L/Min

## RELATED PRODUCTS



Sanding Pads  
Page 65



Premium Film  
Abrasive  
Page 72



Vacuum Hose  
Assembly  
Page 66



General  
Clean-up  
Page 51



Model 57800

### SPEED

8,000 RPM

### POWER

0.24 hp (179 W)



**LIFETIME**  
WARRANTY



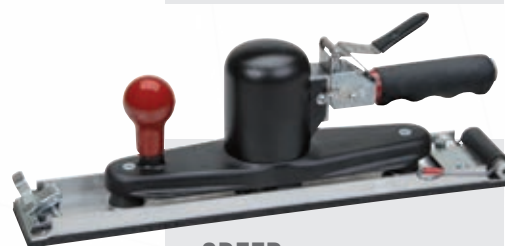
Model 57814

### SPEED

10,000 RPM

### POWER

0.28 hp (209 W)



Model FB8

### SPEED

6,000 RPM

### POWER

0.15 hp (112 W)



Maximum  
Air Pressure  
75 PSIG

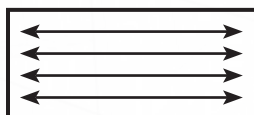


# DYNALINE SANDER

In-Line Sanders are ideal for leveling filler or blocking using adhesive backed coated and non-woven abrasives. Use long nap, hook-face pad number 57582 with model 57400 with non-woven abrasives for scuffing and blending.

## FEATURES

- Uses adhesive-backed coated and non-woven nylon sheets and rolls
- Quality constructed pad is weight-mated to tool for low vibration, smooth operation and superior finishes
- Comfort platform provides additional hand and wrist support
- 2,400 strokes per minute at 90 PSIG (6.2 Bar)



### IN-LINE MOTION

For Stripping  
and Blending

Model Number	Vacuum Type	Sound Level	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57400	Non-Vacuum	79 dBA	2.6 (1.2)	7 (178)	3.75 (95)
57404	Central Vacuum	84 dBA	2.6 (1.2)	7 (178)	3.75 (95)
51350	Non-Vacuum	81 dBA	3.1 (1.4)	11 (279)	3.75 (95)

**Additional Specifications:** Air Inlet Thread 1/4" NPT • Hose I.D. Size 1/4" (6) • Air Pressure 90 PSIG  
Maximum Air Flow 18 SCFM (510 L/Min)



Model 57400

### SPEED

2,400 RPM

### POWER

0.3 hp (186 W)



Model 51350



**LIFETIME**  
WARRANTY

## TECH TIP

Sanding Pad can be rotated 360° for adjusting to most efficient position per application.



## BENEFITS



The in-line sanding motion of a Dynaline sander provides technicians with a powered option for completing traditional hand blocking applications. When used with non-woven abrasives Dynaline sanders are a great option for scuffing and surface preparation applications.



***“After 60 plus years in the auto repair world, the oldest saying still rings true! 'Time is Money'. In early times most tasks were done by hand. The right power tool did not exist! For Professional Grade Tooling and Equipment you can't do better than Dynabrade. Engineered to perform and last!”*** ~Jon Kosmoski, still at it since 1956

Jon Kosmoski  
Kosmoski Specialty Company  
Minneapolis, MN





# PAINT SHOP

Dynabrade tools and accessories in the paint shop are manufactured to create consistent, high-gloss finishes in the fewest steps possible. Buffers and polishers in a wide variety of sizes and formats provide

technicians with options to finish large areas like hoods and trunk lids as well as small and hard to reach areas like headlights, side view mirrors, and even navigate around motorcycle frames to polish fuel tanks. Air and electric

powered buffing and polishing tools utilizing wool, foam, or terry cloth bonnets are available to technicians so that each application can be optimized for the desired cut rate leading to an optimal finish.



## SUPERIOR FINISHES IN THE PAINT SHOP



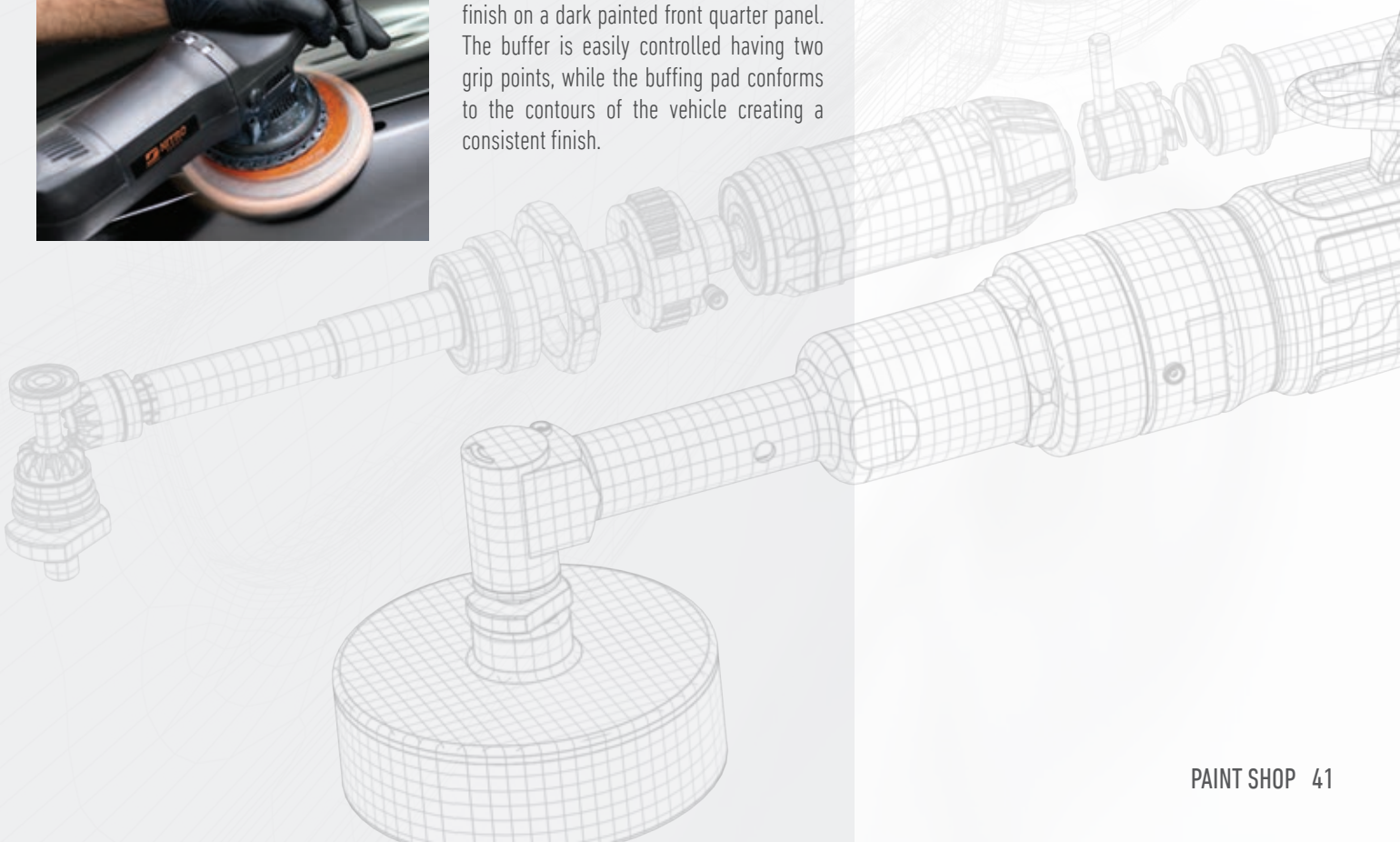
Dynabrade offers small diameter buffers for use on headlights and small areas where other buffers cannot reach or maneuver around. Pictured here is a Sander/Buffer combination tool that allows technicians to toggle between rotary and random orbital motions with the flip of a switch. Providing versatile tools that can accomplish multiple tasks is one way Dynabrade helps maximize productivity.



When establishing a final finish, it is important to apply compound to the surface of the pad and then blot additional compound on the area to be polished. Because of the self-diminishing abrasive technology in Dynabrade compounds it is critical to have fresh compound throughout the area to be polished, adhering to this step will ensure even and consistent results.



The Dynabrade finishing system consisting of buffers, pads and compounds can be seen here achieving a high-gloss, showroom finish on a dark painted front quarter panel. The buffer is easily controlled having two grip points, while the buffing pad conforms to the contours of the vehicle creating a consistent finish.





## PALM-STYLE ROTARY BUFFERS

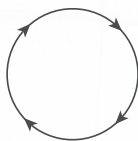
Ideal for buffing door/window columns and posts, plus recessed areas and contoured surfaces. Best for repair of sanding scratches in clear coat.

### FEATURES

- Low profile housing
- Adjustable speed regulator

### INCLUDES

50125 rigid 3" backing pad  
90027 Terry Cloth Pad  
90028 Wool Pad



### ROTARY MOTION

For Rotary Polishing

Model 57550



### DIAMETER

3" (76 mm)

### SPEED

2,400 RPM

### POWER

0.25 hp (186 W)

**TECH TIP**

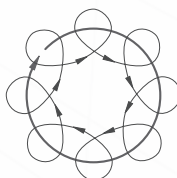
Use Dynabrade DynaRed® and DynaOrange® to achieve a superior high gloss finish after compounding.



**LIFETIME WARRANTY**

## PALM-STYLE MINI-DYNORBITAL®

- Ideal for repairing dust nibs and minor surface defects
- Convenient, non-marring hanger bracket for easy tool storage
- Includes 1-1/4" dia. locking-type Sanding Pad



### 3/16" (5 mm) DIAMETER ORBIT

For Sanding and Polishing

Model 69502



### DIAMETER

1.25" (32 mm)

### SPEED

2,400 RPM

### POWER

0.25 hp (186 W)

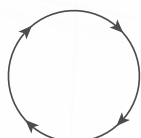
Model Number	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Tool Thread	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
57550	79 dB(A)	18 (510)	1/4 (6)	1/4"-20 Male	1.9 (.9)	4.25 (108)	5.37 (137)
69502	75 dB(A)	6 (170)	1/4 (6)	Locking	1.3 (.6)	3.31 (84)	6 (152)

**Additional Specifications:** Air Inlet Thread 1/4" NPT • Hose I.D. Size 1/4" • Air Pressure 90 PSIG (6.2 Bar)

## 3" DIAMETER SANDER/BUFFER

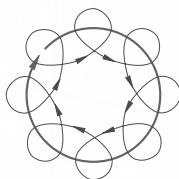
### FEATURES

- Dual-purpose tool offers random orbital sanding and rotary buffing
- Repairs dust nibs and blemishes in 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



### ROTARY MOTION

For Rotary Polishing



### 3/16" (5 mm) DIAMETER ORBIT

For Sanding and Polishing

## 3" DIAMETER BUFFER

Ideal for buffing door/window columns and posts, plus recessed areas and contoured surfaces. Best for repair of sanding scratches on clear coat.

### FEATURES

- 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
- Lightweight, palm-style design offers great comfort and control.
- Adjustable speed regulator included



Model 69540

**DIAMETER**  
3" (76 mm)

**SPEED**  
12,000 RPM

**POWER**  
0.2 hp (186 W)



Model 69550



**LIFETIME WARRANTY**

Model Number	Sound Level Sanding	Sound Level Buffing	Maximum Air Flow SCFM (L/Min)	Air Inlet Thread	Hose I.D. Size Inch (mm)	Air Pressure PSIG (Bar)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
69540	71 dB(A)	74 dB(A)	12 (334)	1/4" NPT	1/4 (6)	90 (6.2)	1.5 (.67)	3.7 (94)	6.1 (154)
69550	N/A	74 dB(A)	12 (334)	1/4" NPT	1/4 (6)	90 (6.2)	1.5 (.67)	2.6 (70)	6.1 (154)

## RELATED PRODUCTS



Dynacut™ Foam Polishing Pads  
Page 92



Dynacut™ Wool Polishing Pads  
Page 92



Polishing Compounds  
Page 92



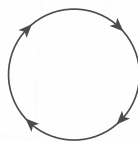
Mini-Dynorbital® Disc Pads  
Page 94

## DYNABRADE NITRO SERIES™ 3" EXTENDED BUFFER

Compact and lightweight the Dynabrade Nitro Series™ extended buffer is perfect for use in tight areas or contoured painted surfaces like side-view mirrors.

### FEATURES

- ▶ Tool includes 50126 Hook-Face Backup Pad
- ▶ Tactile, thermoplastic grip
- ▶ 3/8"-24 male spindle, rear exhaust
- ▶ Rotational rear exhaust directs cold air away from operator



**ROTARY MOTION**  
For Rotary Buffing



Model EB3

**DIAMETER**  
3" (76 mm)

**SPEED**  
2,700 RPM

**POWER**  
0.5 hp (373 W)

Model Number	Sound Level	Spindle Thread	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
EB3	81 dB(A)	3/8" - 24 male	26 (736)	3/8 (10)	1.6 (.72)	3 (76)	11.25 (286)

**Additional Specifications:** Air Inlet Thread 1/4" NPT • Air Pressure 90 PSIG (6.2 Bar)

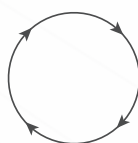
**2 YEAR  
WARRANTY**

## DYNABRADE NITRO SERIES™ 5" - 8" BUFFER

Dynabrade Nitro Series™ buffers polish large areas like hoods and trunk lids quickly and with consistent results.

### FEATURES

- ▶ 2,800 RPM free speed. Accepts 5" to 8" diameter buffs
- ▶ Lightweight and compact in size
- ▶ Rear exhaust, variable speed safety-lock lever throttle
- ▶ Soft-grip handle can be positioned for right or left hand operation
- ▶ Insulated handle reduces cold air transmission to the operator
- \* Back-up pad (50853) and polishing bonnet (90082) not included



**ROTARY MOTION**  
For Rotary Buffing



Model RB1

**DIAMETER**  
5" - 8" (125 mm - 203 mm)

**SPEED**  
2,800 RPM

**POWER**  
1 hp (746 W)

Model Number	Pad Size Inch (mm)	Sound Level	Spindle Thread	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
RB1	8 (203)	89 dB(A)	5/8" - 11 Male	48 (1359)	3/8 (10)	4.8 (122)	12.5 (318)	2.5 (64)
RB2	8 (203)	89 dB(A)	M14	48 (1359)	3/8 (10)	4.8 (122)	12.5 (318)	2.5 (64)

**Additional Specifications:** Air Inlet Thread 3/8" NPT • Hose I.D. Size 3/8" • Air Pressure 90 PSIG (6.2 Bar)



## 3" DIAMETER BUFFER

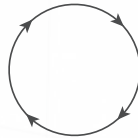
Compact and lightweight with a specially engineered ergonomic, co-molded housing that fits naturally in and insulates a technicians hands from cold air transfer.

### FEATURES

- Tool comes mounted with 54021 Adapter (1/4"-20 male thread)
- Governor-controlled motor maintains speed under load
- Extended rear exhaust muffler, safety-lock lever, rotary action

### INCLUDES

50120 3" diameter Hook-Face Pad  
90027 Terry Cloth Bonnet  
90028 Wool Buffering Bonnet



**ROTARY MOTION**  
For Rotary Buffing

Model Number	Sound Level	Tool Thread	Maximum Air Flow SCFM (L/Min)	Hose Size Inch (mm)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
49440	79 dB(A)	1/4" - 28 Female	26 (736)	1/4 (6)	1.9 (.9)	2.6 (67)	13 (331)

**Additional Specifications:** Air Inlet Thread 3/8" NPT • Air Pressure 90 PSIG (6.2 Bar)



Model 49440

**DIAMETER**  
3" (76 mm)

**SPEED**  
3,200 RPM

**POWER**  
0.4 hp (298 W)



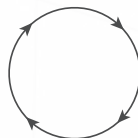
**LIFETIME**  
WARRANTY

## 5"- 8" DIAMETER BUFFER

Dynabrade buffers that utilize planetary gear sets have been specifically designed for demanding, high-torque applications covering large areas like on commercial trucks, busses and delivery vehicles.

### FEATURES

- Planetary gear set is easily lubricated for extended tool life
- Safety-lock throttle and soft-grip handle both adjust for left or right hand use



**ROTARY MOTION**  
For Rotary Buffing

Model Number	Sound Level	Tool Thread	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
51392	78 dB(A)	5/8" - 11 Male	41 (1,167)	3/8 (10)	4.5 (2.1)	3.75 (95)	13.25 (333)

**Additional Specifications:** Air Inlet Thread 3/8" NPT • Air Pressure 90 PSIG (6.2 Bar)



Model 51392

**DIAMETER**  
6" - 8" (152 mm - 203 mm)

**SPEED**  
2,800 RPM

**POWER**  
1 hp (744 W)

## RELATED PRODUCTS



Dynacut™ Foam Polishing Pads  
Page 92



Dynacut™ Wool Polishing Pads  
Page 92



Polishing Compounds  
Page 92



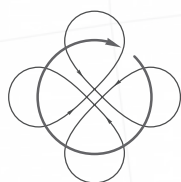
Mini-Dynorbital® Disc Pads  
Page 94

## DYNABRADE NITRO SERIES™ ELECTRIC RANDOM ORBITAL BUFFER

Orbital buffers allow technicians to consistently achieve hologram free finishes without the possibility of burning through paint. The wide 21mm orbit moves polishing pads over a larger surface area, keeping painted surfaces cool and produce showroom finishes.

### FEATURES

- ▶ Variable speed dial easily adjusts from 900 - 2,500 rpm while in use
- ▶ Top-quality brushes are externally accessible
- ▶ Flexible, oil-resistant, 20-foot electric cord provides added maneuverability throughout the shop
- ▶ Soft start trigger with lock ON button



**21 MM ORBIT**

**For Random  
Orbital Buffing**



**Model 51590**

### DIAMETER

6" - 8" (152 mm - 203 mm)

### SPEED

900-2,500 RPM

**CE 2 YEAR  
WARRANTY**

Model Number	Pad Diameter	Maximum Watts Out	Spindle Thread	Voltage EU Plug	Phase	Frequency	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
51590	152 mm	1200	M14 x 2	220-240 V	1	50-60 Hz	4.1 (2.1)	7.75 (197)	15.5 (394)
51592	203 mm	1450	M14 x 2	220-240 V	1	50-60 Hz	5.1 (2.3)	7.75 (197)	15.5 (394)

## 2-STEP KIT 3" DYNABUFFER WITH DYNARED

**Model 22820**

### INCLUDES

- 57126 3" (76 mm) Dia. Dynabuffer Random Orbital Polisher
  - 58037A 1/4" (32 mm) Diam. Mini Orbital Sander
  - 74000-00 2 Black Conical Polishing Foam 87mm 1 Hole
  - 74001-00 2 Blue Conical Polishing Foam 87mm 1 Hole
  - 22770 Dynabrade PSA Denibbing Discs P3000 (100 pcs/tube)
  - 22017 1L DynaRed Polish Compound
  - 22050-00 4 Microfibre Wipes Orange
  - 22001 Apron
- Durable carrying case



**22820**

## 2-STEP KIT 5" DYNABUFFER WITH DYNARED

**Model 22821**

### INCLUDES

- 58455 5" (127 mm) Dia. Dynabuffer Random Orbital Polisher
  - 58037A 1-1/4" (32 mm) Diam. Mini Orbital Sander
  - 74009-00 2 Black Conical Polishing Foam 138mm 1 Hole
  - 74010-00 2 Blue Conical Polishing Foam 138mm 1 Hole
  - 22770 Dynabrade PSA Denibbing Discs P3000 (100 pcs/tube)
  - 22017 1L DynaRed Polish Compound
  - 22050-00 4 Microfibre Wipes Orange
  - 22001 Apron
- Durable carrying case



**22821**



## DENIBBING AND POLISHING KIT

Model 22822

### INCLUDES

- 69502 Mini-Dynorbital Silver 7500rpm
- 58455 5" (127 mm) Dia. Dynabuffer Random Orbital Polisher
- 73502-00 Microfiber Polishing Pad 135mm
- 74012-00 Grey Conical Polishing Foam 138mm 1 Hole
- 74010-00 Black Conical Polishing Foam 138mm 1 Hole
- 22770 Dynabrade PSA Denibbing Disc P3000 (100 pcs/tube)
- 22017 1L DynaRed Polish Compound
- 22021 1L DynaOrange Polish Compound
- 22050-00 2 Microfibre Wipes Orange
- 22045 Spray Bottle
- 22048 Spray Trigger
- Durable carrying case



22823

## NITRO ELECTRIC POLISHING KIT

Model 22824

### INCLUDES

- 22707 Sport Bag
- 51592 8" (200 mm) Dia. Electric Right Angle Polisher
- 57543 6" Hook Face Pad with M14x2 spindle
- 22011 1L DynaTeal Polish Compound
- 22017 1L DynaRed Polish Compound
- 74016-00 2 Grey Conical Polishing Foam 160mm 1Hole
- 74014-00 2 Blue Conical Polishing Foam 160mm 1Hole
- 22050-00 2 Microfibre Wipes Orange



22824

## 2-STEP KIT 5" DYNABUFFER WITH DYNATEAL

Model 22826

### INCLUDES

- 58455 5" (127 mm) Dia. Dynabuffer Random Orbital Polisher
- 58037A 1-1/4" (32 mm) Diam. Mini Orbital Sander
- 74009-00 2 Black Conical Polishing Foam 138mm 1 Hole
- 74010-00 2 Blue Conical Polishing Foam 138mm 1 Hole
- 22770 Dynabrade PSA Denibbing Discs P3000 (100 pcs/tube)
- 22011 1L DynaTeal Polish Compound
- 22050-00 4 Microfibre Wipes Orange
- 22001 Apron
- Durable carrying case



22826

## PREMIUM POLISHING KIT

Model 22823

### INCLUDES

- 58455 5" (127 mm) Dia. Dynabuffer Random Orbital Polisher
- 73502-00 Microfiber Polishing Pad 135mm
- 74012-00 Grey Conical Polishing Foam 138mm 1 Hole
- 74010-00 Black Conical Polishing Foam 138mm 1 Hole
- 53965 Interface Pad 150mm 15 holes
- 24676 Clog Free Sanding Disc 150mm Diam. 15 holes P2000 (25pcs)
- 22017 1L DynaRed Polish Compound
- 22021 1L DynaOrange Polish Compound
- 22050-00 2 Microfibre Wipes Orange
- 22045 Spray Bottle
- 22048 Spray Trigger
- Durable carrying case

22822



## 2-STEP KIT 3" DYNABUFFER WITH DYNATEAL

Model 22825

### INCLUDES

- 57126 3" (76 mm) Dia. Dynabuffer Random Orbital Polisher
- 58037A 1-1/4" (32 mm) Diam. Mini Orbital Sander
- 74000-00 2 Black Conical Polishing Foam 87mm 1 Hole
- 74001-00 2 Blue Conical Polishing Foam 87mm 1 Hole
- 22770 Dynabrade PSA Denibbing Discs P3000 (100 pcs/tube)
- 22011 1L DynaTeal Polish Compound
- 22050-00 4 Microfibre Wipes Orange
- 22001 Apron
- Durable carrying case



22825

## 2-STEP KIT 5" DYNABUFFER WITH DYNARED

Model 22845

### INCLUDES

- EB3 NITRO 3" Extension Buffer / Polisher
- 22017 1L DynaRed Polish Compound
- 56150-00 2 Microfiber polishing pads 80mm
- 74002-00 2 Grey Conical Polishing Foam 87mm 1Hole
- 74001-00 2 Blue Conical Polishing Foam 87mm 1Hole
- 22050-00 2 Microfibre Wipes Orange
- Durable carrying case



22845





# CLEAN AIR SOLUTIONS

Dynabrade Raptor Vac® sanding systems tackle a variety of applications from everyday shop cleanup to demanding sanding applications and even metallic dust collection. The combination of HEPA filtration and certified M-Class, Division 1 and Division 2 vacuums contribute to an optimal work environment by assuring the efficient capture

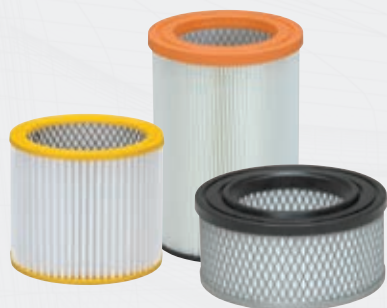
of dusts like body filler, or aluminum dusts respectively. The power cord and vacuum hose combine with the mobility of a cart or casters to provide up to 40 feet of reach for operators; giving them flexibility to move throughout the shop.

Dynabrade clean air solutions are highly customizable and exceptionally easy to

maintain. Additional hoses and connectors allow for the expansion of a vacuum from a one-person unit to a system for two operators working simultaneously. Unlike many other vacuum systems the filters and bags in Dynabrade Raptor Vacs® are easily accessible and allow for easy maintenance throughout the life of the system.



## VACUUMS FOR HEALTH AND SAFETY



### HEPA Filtration

HEPA filters utilized in Raptor Vacs® are highly efficient and capture particulates as fine as 0.3 micron.



### Breathe Fresh Air

Capturing respirable dusts created while sanding or grinding helps ensure operators are breathing clean air, contributing to a safer workplace.



### Maximize abrasive life

Vacuuming sanding dust as it is being made helps prevent dust from loading on an abrasive disc or sheet enabling the abrasive to be used completely and helping prevent swirl marks.



### Minimized Down Time

Easy access filters and bags used in Raptor Vacs® make maintenance simple and quick. The Mini-Raptor Vac® power unit can be easily replaced at the end of the motor service life, in under 15 minutes.



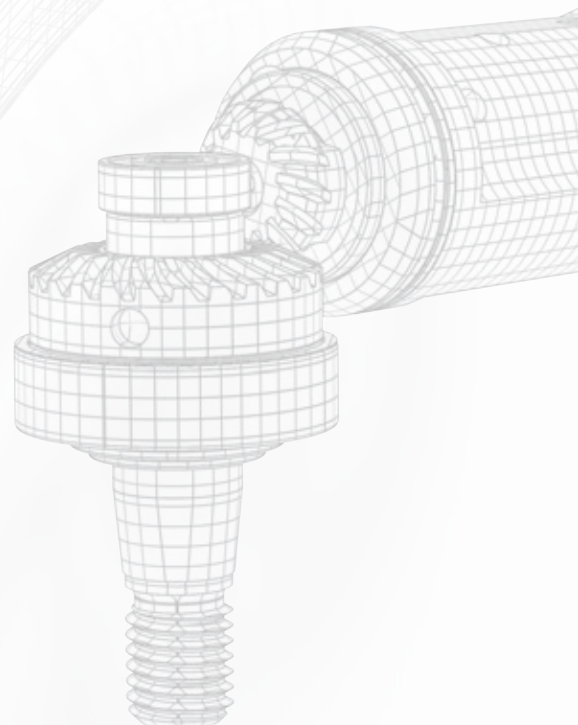
### Certified Equipment

Breathe easy knowing the Dynabrade full line of clean air solutions are certified to meet each area of collection, including aluminum dust.



### Vacuum Tools

Dynabrade has pioneered the use of portable air tools with vacuums. All compatible tools can be found on our new web page and in a full catalog dedicated to clean air tools and equipment.



## MINI-RAPTOR VAC® PACKS MOBILE AUTOMOTIVE VACUUM SYSTEMS

Designed for peak efficiency, the Pro-Pack equips a single operator with a complete system for sanding and dust collection. Featuring a Vacuum Auto On/Off, the Premium Pack saves time and energy by automatically turning suction on and off with tool use.

### PREMIUM PACK

#### FEATURES

- ▶ Premium cart with accessory shelf
- ▶ Tool & hose hanger
- ▶ Mini-raptor vac® auto on/off
- ▶ Industrial locking casters
- ▶ Stainless canister with HEPA filter & bag
- ▶ 20 ft vacuum hose assembly with integrated air line

**TECH  
TIP**

M-Class vacuums capture particulates  
10X finer than L-Class vacuums.

#### RAPTOR VAC® AUTO ON/OFF

61570

- ▶ Tool use activates vacuum suction
- ▶ 1/2" Air Inlet & Outlet
- ▶ 230v

\* Shown with optional 61561 Mini Raptor Vac® Single Tool Connection Kit



Model 10089

**2 YEAR  
WARRANTY**



**M-Class**



## BENEFITS



The Mini-Raptor Vac® Pro-Pack provides technicians with a complete package for all their sanding, storage and mobility needs. The single tech work station seen here is easily expandable to a two-person station by adding a Y-connector and second hose. The shelf and storage containers keep additional tools and abrasives organized and close at hand, while the small footprint keeps floor space free of clutter.



## STANDARD PACK

Fending off dust and creating an efficient and safe work environment begins with the Mini-Raptor Vac® – Standard Pack. The combination of Dynabrade Random Orbital Sander, Raptor Vac® and cart provides a mobile sanding solution for dusty shops.

### FEATURES

- Carriage handle & dolly
- Stainless canister with HEPA filter & bag
- 20 ft vacuum hose assembly with integrated air line

**TECH TIP**

For wet pickup remove dry use only filter and bag and install optional 61126 filter sleeve.



### INCLUDED IN PACK

Model Number					
10088	X		X	X	
10089	X	X		X	X

### COMPONENT SPECIFICATIONS



Model Number	Amp	Capacity Gallon/Liter	Watts	Water Static Lift Inch / cm/ mbar	Air Flow CFM (L/Min)	Sound Level	Height Inch (mm)	Width Inch (mm)	Length Inch (mm)
61110	5A	16 (60.5)	1050	60 / 152 / 149	115 (3,256)	82 dBA	28 (71)	21 (53)	18 (46)



Model Number	Platform Dimensions	Weight lb (kg)	Shipping Weight lb (kg)	Height Inch (mm)	Width Inch (mm)	Length Inch (mm)
61486	18" (457 mm) x 24" (610 mm)	75 (34)	89 (40)	43.5 (110)	25.3 (64)	30.7 (78)

## RELATED PRODUCTS



Raptor Vac®  
Auto On/Off  
Page 68



Power Unit  
Assembly  
Page 68



Vacuum Hose  
Assembly  
Page 66

## M-CLASS VACUUM SYSTEM

### ELECTRIC PORTABLE VACUUM SYSTEM

Designed for general source capture and dry cleanup. For collecting dust and debris such as wood, plastics, fiberglass and body filler. Conductive stainless steel canister, for dry vacuuming only in normal locations.

#### FEATURES

- ▶ Vacuum starts automatically with startup of tool
- ▶ Bypass Motor System uses environmental air to cool the motor and extend vacuum life
- ▶ Heavy-duty stainless steel recovery tank, with 20 gallon (78 liter) capacity for clean filter assurance. This size allows filter to remain at substantial distance from collected debris, reducing clogging and extending motor life
- ▶ Convenient orange warning light indicates that filter needs replacement
- ▶ Self-cleaning filter system

#### INCLUDES

Two 20' (6 m) Conductive Coaxial Hoses with Integrated Air Lines  
 "Y" Connector  
 Two Composite Couplers  
 Vacuum Hose Swivel Cuff  
 Two Disposable Collection Bags  
 HEPA H13 Filter with 99.95 % efficiency on 0.3 micron



Model 61402 M-Class - 120 V, 60 Hz, 15 Amp Plug (UK)

**2 YEAR**  
WARRANTY

#### CERTIFICATIONS



European Countries:



#### NON-CONDUCTIVE

Model Number	Country	Capacity Gallon (Liter)	Voltage/Frequency	Watts	Amp (Plug for Region)	Water Static Lift Inch / cm / mbar	Air Flow CFM (L/Min)	Sound Level	Ship Weight Lb. (kg)	Height In. (mm)	Width In. (mm)	Length In. (mm)
61402	UK	20 (78)	120 V / 60 Hz	1,250	15 (USA/CA)	94 / 238 / 234	125 (3540)	73 dB(A)	85 (39)	48 (122)	27 (69)	24 (61)
61408	Europe	20 (78)	120 V / 60 Hz	1,250	15 (USA/CA)	94 / 238 / 234	125 (3540)	73 dB(A)	85 (39)	48 (122)	27 (69)	24 (61)
61412	Switzerland	20 (78)	120 V / 60 Hz	1,250	15 (USA/CA)	94 / 238 / 234	125 (3540)	73 dB(A)	85 (39)	48 (122)	27 (69)	24 (61)

#### CONDUCTIVE

Model Number	Country	Capacity Gallon (Liter)	Voltage/Frequency	Watts	Amp (Plug for Region)	Water Static Lift Inch / cm / mbar	Air Flow CFM (L/Min)	Sound Level	Ship Weight Lb. (kg)	Height In. (mm)	Width In. (mm)	Length In. (mm)
61403	UK	20 (78)	120 V / 60 Hz	1,250	15 (USA/CA)	94 / 238 / 234	125 (3540)	73 dB(A)	85 (39)	48 (122)	27 (69)	24 (61)
61409	Europe	20 (78)	120 V / 60 Hz	1,250	15 (USA/CA)	94 / 238 / 234	125 (3540)	73 dB(A)	85 (39)	48 (122)	27 (69)	24 (61)
61413	Switzerland	20 (78)	120 V / 60 Hz	1,250	15 (USA/CA)	94 / 238 / 234	125 (3540)	73 dB(A)	85 (39)	48 (122)	27 (69)	24 (61)

**Additional Specifications:** Air Inlet Thread 3/8" NPT • Air Pressure 90 PSIG (6.2 Bar)

## PNEUMATIC WALL-MOUNT VACUUM

For use on metallic surfaces, a perfect solution for the occasional capture of potentially hazardous dusts such as aluminum and commercial alloys. The included wall-mounting brackets allow for convenient storage and removal providing technicians with added mobility throughout the garage.

### FEATURES

- ▶ The most cost-effective solution to metallic dust collection
- ▶ Designed for dry source capture, to be used for general maintenance in potentially hazardous locations
- ▶ Lightweight, stainless steel construction (SAE 304) handheld design provides great mobility
- ▶ Air jet is adjustable from 80" to 90" of water static lift
- ▶ Aerosol leak tested for quality assurance
- ▶ Unit is static-dissipating (kit included) and conductive
- ▶ Recovery capacity of 1.5 gallons (6 liters) in optional Disposable Filter Bag

### INCLUDES

HEPA H14 Filter  
Brackets for Mounting to Wall or to Vacuum Cart  
Wall-mounting hardware  
1/2" by 2' (25 mm x 0.6 m) Conductive Air Line Supply  
Composite Coupler  
Vacuum Hose Swivel Adapter  
Three Collection Bags

### CERTIFICATIONS

Designed for use in:  
Class I, Division 1, Groups A, B, C, D, T6; Class II, Division 1, Groups E, F, G  
Hazardous Locations as defined in the National Electric Code (NFPA 70)



Model 61471 Division 1 - (Europe)



Model 61473 Division 1 - (Europe)

**2 YEAR  
WARRANTY**

Model Number	Capacity Gallon (Liter)	Max. Capacity Lb. (kg)	Air Inlet Pressure PSIG (Bar)	Air Consumption CFM (L/Min)	Air Flow CFM (L/Min)	Water Static Lift Inch / cm / mbar	Sound Level	Ship Weight Lb. (kg)	Height In. (mm)	Width In. (mm)	Length In. ( )
61471	1.5 (6)	5 (2.3)	90 (6.2)	35 (991)*	50 (1,416)	80 / 203 / 199	68 dB(A)	28 (13)	16 (41)	18 (46)	30 (76)
61473	1.5 (6)	5 (2.3)	90 (6.2)	35 (991)*	50 (1,416)	80 / 203 / 199	68 dB(A)	28 (13)	16 (41)	18 (46)	30 (76)

\*NOTE: Be sure to add air consumption for EACH TOOL attached to Vacuum, for total CFM (L/Min) requirement.

## RELATED PRODUCTS



ROS Sanders  
Pages 24-32



Cleaning  
Kit  
Page 66



Optional  
Vacuum Hose  
Assembly  
Page 66



## COMPACT IMMERSION VACUUM SYSTEM ELECTRIC AND PNEUMATIC PORTABLE VACUUMS

For collecting metallic dust & debris such as aluminum and commercial alloys. Collects and renders inert up to a maximum of 5 lbs. (2.27 kg) of dust.

### FEATURES

- ▶ Legally certified explosion proof / dust ignition proof by an OSHA approved Nationally Recognized Testing Laboratory (NRTL)
- ▶ Coalescing Filter Element (CFE) for moisture removal
- ▶ Degassing Vent allows gas to be evacuated automatically from the unit
- ▶ Vacuums and included tool kit are static-dissipating and conductive
- ▶ Corrosion resistant Stainless steel recovery tank

### ELECTRIC AND PNEUMATIC VACUUMS INCLUDE:

One 20' (6 m) Conductive Coaxial Hoses with Integrated Air Lines  
One Composite Coupler  
One Vacuum Hose Swivel Adapter  
Conductive Collection Bag  
HEPA H14 Filter with 99.995% efficiency on 0.3 micron

Model Number	Regional Description	Capacity Gallon (Liter)	Dust Recovery Pound (kg)	Voltage/Frequency	Watts	Amp (Plug for Region)	Water Static Lift Inch / cm / mbar	Air Flow CFM (L/Min)	Sound Level	Height In. (cm)	Width In. (cm)	Length In. (cm)
61511	ATEX Cat. 2 for Zones 1 & 21	6.25 (24)	5 (2.27)	220-240 V / 50-60 Hz	1,000	13 (UK)	69 / 175 / 172	132 (3,738)	85 dB(A)	43 (109)	26 (66)	26 (66)

**Additional Specifications:** Air Pressure 90 PSIG (6.2 Bar) • Ship Weight 179 lb. (81 kg)

Model Number	Regional Description	Capacity Gallon (Liter)	Dust Recovery Pound (kg)	Air Consumption CFM/(L/Min)	Air Flow CFM/(L/Min)	Water Static Lift Inch / cm / mbar	Sound Level	Height In. (cm)	Width In. (cm)	Length In. (cm)
61511	ATEX Cat. 2 for Zones 1 & 21	6.25 (24)	5 (2.27)	45 (1,274)*	110 (3,115)	180 / 457 / 448	80 dB(A)	48 (122)	22 (56)	20 (51)

**Additional Specifications:** Air Pressure 90 PSIG (6.2 Bar) • Ship Weight 168 lb. (76 kg)

\*NOTE: Be sure to add air consumption for EACH TOOL attached to Vacuum, for total CFM (L/Min) requirement.



### PNEUMATIC VACUUM for use in:

**Group A** atmospheres, containing acetylene

**Group B** atmospheres, containing flammable gas, flammable liquid-produced vapor, or combustible liquid-produced vapor mixed with air

**Group C** atmospheres, containing flammable gas, flammable liquid-produced vapor, or combustible liquid-produced vapor mixed with air

### ELECTRIC and PNEUMATIC VACUUM for use in:

**Group D** atmospheres, containing flammable gas, flammable liquid-produced vapor, or combustible liquid-produced vapor mixed with air that may burn or explode

**Group E** atmospheres, containing potentially combustible dusts, including aluminum, magnesium, and their commercial alloys

**Group F** atmospheres, containing combustible carbonaceous dusts, such as coal, carbon black, charcoal, coke dust

**Group G** atmospheres, containing wood and plastic dusts

## BENEFITS



A common misconception is that metallic dust is required to be captured using a wet vacuum system. The National Fire Protection Agency states that up to 5 pounds of metallic dust can be collected in a dry state. Division 1 Raptor Vacs® are certified for DRY pickup of potentially hazardous metallic dusts, like aluminum, that are commonly found in many modern vehicles. The wall-mount Raptor Vac® provides a low cost entry point for metallic dust collection.



## LEGALLY CERTIFIED

Explosion-proof and  
dust ignition-proof

For safe recovery  
of combustible and  
conductive dusts

**2 YEAR  
WARRANTY**



## ELECTRIC

Model 61511 Division 1 – 120 V, 50/60 Hz (Europe)

### CERTIFICATIONS



Designed for use in:  
Class I, Division 1, Group D T3C  
Class II, Division 1, Groups E, F and G  
Hazardous Locations as defined in  
the National Electric Code (NFPA 70)



**European Countries:**  
ATEX Third Party Certified  
CE EX II 2 GD Ex d IIA T3 Gb  
Ex t IIIC T 200° C Db IP 6X

## PNEUMATIC

Model 61512 Division 1 (Europe)

### CERTIFICATIONS

Designed for use in:  
Class I, Division 1, Group D T3C  
Class II, Division 1, Groups E, F and G  
Hazardous Locations as defined in  
the National Electric Code (NFPA 70)



**European Countries:**  
ATEX Third Party Certified  
CE EX II 2 GD c IIC T6 (85° C)

## RELATED PRODUCTS



ROS Sanders  
Pages 24-32



Cleaning Kit  
Page 66



Vacuum Hose  
Assembly  
Page 66



Conductive  
Collection Bag  
Page 67







WE LISTEN. WE OBSERVE. **WE OPTIMIZE.**



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