



# PREMIUM POWER TOOLS FOR AEROSPACE THE DYNABRADE ESSENTIALS

**THE LEADER** IN INNOVATIVE  
SURFACE FINISHING SOLUTIONS



- + DRILLS & ACCESSORIES
- + PENCIL GRINDERS & DIE GRINDERS
- + DISC SANDERS
- + ABRASIVE BELT TOOLS
- + SANDERS
- + CLEAN AIR SOLUTIONS & VAC. TOOLS

WE LISTEN. WE OBSERVE. **WE INNOVATE.**



## DRILLS & ACCESSORIES

### 52831 / 52832 / 52833 / 52834 / 52835 / 52836

#### 1/4" PISTOL GRIP DRILLS

- Powerful high-torque, geared air motor is ideal for countless aeronautics applications.
- Finger platform on both sides of tool allows increased stability and comfort.
- Includes 1/4" Dynachuck & Key.
- Power: 0.4 hp (298 W)
- Rear Exhaust



<b>52831</b> • Speed: 500 RPM	<b>52832</b> • Speed: 1,000 RPM	<b>52833</b> • Speed: 2,400 RPM
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<b>52834</b> • Speed: 3,600 RPM	<b>52835</b> • Speed: 5,500 RPM	<b>52836</b> • Speed: 20,000 RPM
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### 55584 / 55585 / 55586 / 55587

#### RIGHT ANGLE ROTATABLE DRILLS

- Head is adjustable into 12 positions; head can be rotated by pulling the head away from the body, rotating to desired position and releasing to lock back into position.
- Compact head design is ideal for drilling and deburring in hard to access locations.
- "Featherable" trigger provide slow starting action & allows for variable speed as needed by the operator
- Power: 0.4 hp (298 W)
- Rear Exhaust
- Spindle Thread: 9/32"-40 Female



<b>55584</b> • Speed: 900 RPM	<b>55585</b> • Speed: 2,400 RPM
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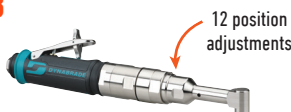
<b>55586</b> • Speed: 3,200 RPM	<b>55587</b> • Speed: 5,000 RPM
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✦ Lightweight thermal-insulated housing reduces cold air transmission and vibration to the operator.

### 55580 / 55581 / 55582 / 55583

#### RIGHT ANGLE ROTATABLE DRILLS

- Head Adjustability/Rotation does not require tools and can be done by the operator as needed.
- Head rotates in both clockwise and counter clockwise directions.
- "Featherable" trigger provide slow starting action & allows for variable speed as needed by the operator
- Power: 0.4 hp (298 W)
- Rear Exhaust
- Spindle Thread: 1/4"-28 Female



<b>55580</b> • Speed: 900 RPM	<b>55581</b> • Speed: 2,400 RPM
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<b>55582</b> • Speed: 3,200 RPM	<b>55583</b> • Speed: 5,000 RPM
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✦ Governor-controlled motor maintains speed under load.

### 53078 / 53079

#### 1/4" STRAIGHT-LINE DRILLS

- Thermal-insulated handle reduces cold air transmission to operator.
- Includes 1/4" drill chuck and key.
- Power: 0.4 hp (298 W)
- Extended muffler design for reduced sound levels.



<b>53078</b> • Speed: 3,200 RPM	<b>53079</b> • Speed: 5,000 RPM
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### 49430 / 49431

#### MINI-ANGLE HEAD RIGHT ANGLE DRILLS

- Extended muffler design for reduced sound levels.
- Thermal-insulated handle reduces cold air transmission to operator.
- Power: 0.4 hp (298 W)
- Speed: 3,200 RPM
- Non-Vacuum



<b>49430</b> • Spindle Thread: 1/4"-28 Female • Extended Rear Exhaust	<b>49431</b> • Spindle Thread: 9/32"-40 Female • Rear Exhaust with Standard Muffler
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## ACCESSORIES



**53027**  
**DRILL CHUCK**  
• 1/4" Keyless  
• 3/8"-24 Thread



**53033**  
**DRILL CHUCK**  
• 1/2"-20 Female Thread



**53087**  
**DRILL CHUCK**  
• 3/8"-24 Thread



**96526**  
**DRILL CHUCK**  
• 3/8"-24 Female Thread

## DYNASWIVELS®

- Swivels 360 degrees at two pivot points allowing the air hose to drop directly to the floor.



**94300**  
1/4" NPT COMPOSITE  
DYNASWIVEL®



**95460**  
1/4" NPT ALUMINUM  
DYNASWIVEL®



**95734**  
1/4" NPT FLOW CONTROL  
DYNASWIVEL®

## PENCIL GRINDERS & DIE GRINDERS

### 52850 / 52855

#### .1 HP STRAIGHT-LINE VARIABLE SPEED PENCIL GRINDERS

- Adjust desired speed with dial: up to 60,000 RPM.
- Power: 0.1 hp (75 W)
- Speed: 35,000–60,000 RPM
- Rear Exhaust

**52850** | **52855**  
• 1/8" Collet | • 3 mm Collet



### 52851 / 52856

#### EXTENSION PENCIL GRINDER

- High-Quality Air Line; 1/4" (6 mm) in diameter and 5' (1.5 m) in length.
- One touch starts tool at desired speed.
- Power: 0.1 hp (75 W)
- Speed: 60,000 RPM

**52851** | **52856**  
• 1/8" Collet | • 3 mm Collet



### 51700 / 51701 / 51733

#### .1 HP STRAIGHT-LINE PENCIL GRINDERS

- Oil-free operation minimizes maintenance time and repair costs.
- Air motor is controlled with patented governor, providing constant tool speed under load.
- Power: 0.1 hp (75 W)
- Speed: 60,000 RPM
- Rear Exhaust

**51700** | **51701/51733**  
• 1/8" Collet | • 3 mm Collet



### 51810 / 51813

#### .1 HP STRAIGHT-LINE PENCIL GRINDERS

- Power: 0.1 hp (75 W)
- Speed: 100,000 RPM for enhanced cut rate.
- Rear Exhaust



**51810** | **51813**  
• 3 mm Collet | • 1/8" Collet

✦ High-efficiency air motor has no wearable gears, vanes or blades.

### 55500 / 55501

#### .1 HP STRAIGHT-LINE PENCIL GRINDERS

- Power: 0.1 hp (75 W)
- Speed: 100,000 RPM
- Front Exhaust
- Twin Turbine Air Motor

**55500** | **55501**  
• 1/8" Collet | • 3 mm Collet



### 55520 / 55521

#### .3 HP STRAIGHT-LINE DIE GRINDERS

- Power: 0.3 hp (224 W)
- Rear Exhaust
- 1/4" & 6 mm Collet

**55520** | **55521**  
• Speed: 25,000 RPM | • Speed: 30,000 RPM



✦ Heavy duty, durable steel safety lever Sintered Bronze exhaust muffler reduces noise level.

### 55522 / 55524

#### .3 HP EXTENSION DIE GRINDERS

- 3" (75 mm) extension die grinders are ideally suited for reaching into previously inaccessible areas.
- Power: 0.3 hp (224 W)
- Rear Exhaust
- 1/4" & 6 mm Collet

**55522** | **55524**  
• Speed: 25,000 RPM | • Speed: 30,000 RPM



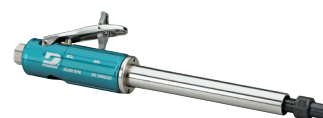
✦ Efficient finishing within deep work-piece channels and difficult passages.

### 55523 / 55525

#### .3 HP STRAIGHT-LINE EXTENSION DIE GRINDERS

- 6" (150 mm) extension die grinders are ideally suited for reaching into previously inaccessible areas.
- Power: 0.3 hp (224 W)
- 1/4" Collet
- Rear Exhaust

**55523** | **55525**  
• Speed: 25,000 RPM | • Speed: 30,000 RPM



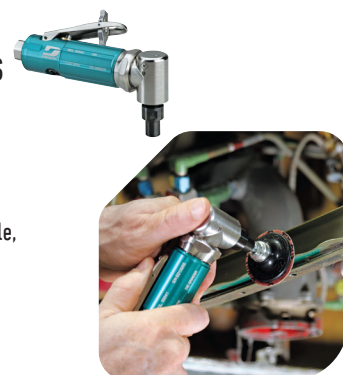
✦ Heavy-duty, durable steel safety lever Shaft diameter of only (3/4") 19 mm fits into narrowest of areas.

### 55540 / 55541

#### .4 HP RIGHT ANGLE DIE GRINDERS

- "Featherable" trigger enables the operator to vary and control the speed of the tool during use.
- Housing body is made from anodized Teal Aluminum which provides a durable, strong lightweight construction.
- Power: 0.4 hp (298 W)
- Rear Exhaust
- 1/4" & 6 mm Collet

**55540** | **55541**  
• Speed: 12,000 RPM | • Speed: 20,000 RPM



✦ Ergonomic and balanced tool design minimizes operator fatigue.

## STRAIGHT-LINE &amp; RIGHT ANGLE DIE GRINDERS

## 48325 / 48327 / 48355 / 48360

.4 HP STRAIGHT-LINE  
DIE GRINDERS

- Gearless for reduced maintenance and downtime.
- Power: 0.4 hp (298 W)
- Rear Exhaust



<b>48325</b>	<b>48360</b>	<b>48327</b>	<b>48355</b>
• Speed: 25,000 RPM	• Speed: 20,000 RPM	• Speed: 30,000 RPM	• Speed: 35,000 RPM
• Standard Muffler	• Standard Muffler	• Standard Muffler	• Extended Muffler

## 47201 / 47202

.4 HP STRAIGHT-LINE  
DIE GRINDERS

- Unique Pre-Filter that provides extra defense against contaminants in air stream.
- Power: 0.4 hp (298 W)
- Rear Exhaust
- Extended Muffler



<b>47201</b>	<b>47202</b>
• Speed: 5,000 RPM	• Speed: 3,200 RPM

+ Includes 1/4" Collet Insert (50013) & 6 mm Collet Insert (50016).

## 43500 / 43510

.4 HP EXTENSION  
DIE GRINDERS

- Shaft diameter of only (3/4") 19 mm fits into narrowest of areas!
- Power: 0.4 hp (298 W)
- Speed: 25,000 RPM
- Front Exhaust



<b>43500</b>	<b>43510</b>
• 3" (75 mm) Extension	• 6" (150 mm) Extension

## 43506 / 43516

.4 HP EXTENSION  
DIE GRINDERS

- Shaft diameter of only (3/4") 19 mm fits into narrowest of areas!
- Power: 0.4 hp (298 W)
- Speed: 25,000 RPM
- Rear Exhaust
- Standard Muffler



<b>43506</b>	<b>43516</b>
• 3" (75 mm) Extension	• 6" (150 mm) Extension

## 47800 / 47801 / 47802

## .4 HP RIGHT ANGLE DIE GRINDERS

- Dual wick lubrication system saturated with gear oil for extended gear life over 700 hours.
- Power: 0.4 hp (298 W)
- Front Exhaust



+ Includes both 1/4" & 6 mm collet inserts.

<b>47800</b>	<b>47801</b>	<b>47802</b>
• Speed: 12,000 RPM	• Speed: 15,000 RPM	• Speed: 20,000 RPM

## 49425 / 48315 / 48316 / 48317

## .4 HP RIGHT ANGLE DIE GRINDERS

- Highest horsepower and torque levels of any similar competitive product.
- Power: 0.4 hp (298 W)
- Speed: 12,000 RPM
- Rear Exhaust



+ Includes both 1/4" & 6 mm collet inserts.

<b>49425</b>	<b>48315</b>	<b>48316</b>	<b>48317</b>
• Speed: 3,200 RPM	• Speed: 12,000 RPM	• Speed: 15,000 RPM	• Speed: 20,000 RPM

## 51304 / 51305 / 51306 / 51307

.5 HP STRAIGHT-LINE  
DIE GRINDERS

- Includes 1/4" Collet Inserts (50013) and 6 mm (50016), fits optional 1/8" (50065), 3/8" (50014), 8 mm (50039).
- Power: 0.5 hp (373 W)
- Extended rear exhaust muffler design.



<b>51304</b>	<b>51305</b>	<b>51306</b>	<b>51307</b>
• Speed: 15,000 RPM	• Speed: 18,000 RPM	• Speed: 20,000 RPM	• Speed: 24,000 RPM

## 52256 / 52257 / 52258

## .7 HP STRAIGHT-LINE DIE GRINDERS

- Includes 1/4" Collet Inserts (50013) and 6 mm (50016), fits optional 1/8" (50065), 3/8" (50014), 6 mm (50016), 8 mm (50039).
- Power: 0.5 hp (522 W)
- Front Exhaust



+ Gearless for reduced maintenance & downtime.

<b>52256</b>	<b>52257</b>	<b>52258</b>
• Speed: 15,000 RPM	• Speed: 18,000 RPM	• Speed: 20,000 RPM

## 54343 / 54359

.7 HP RIGHT ANGLE  
DIE GRINDERS

- Power: 0.7 hp (522 W)
- Rear Exhaust



<b>54343</b>	<b>54359</b>
• Speed: 12,000 RPM	• Speed: 18,000 RPM



## DIE GRINDERS & DISC SANDERS

### 48500

2" (50 MM) DIA.  
7° OFFSET DISC SANDER

- Gearless for reduced maintenance and down-time.
- Power: 0.4 hp (298 W)
- Speed: 25,000 RPM
- Extended Rear Exhaust



### 47820 / 47821 / 47822

2" (50 MM) DIA.  
RIGHT ANGLE DISC SANDERS

- Power: 0.4 hp (298 W)
- Speed: 12,000 RPM
- Front Exhaust



+ Includes 51344 Locking-Type Female Pad (2" diameter).

#### 47820

- Speed: 12,000 RPM

#### 47821

- Speed: 15,000 RPM

#### 47822

- Speed: 20,000 RPM

### 48520 / 48521 / 48522

2" (50 MM) DIA.  
RIGHT ANGLE DISC SANDERS

- Power: 0.4 hp (298 W)
- Extended Rear Exhaust
- Non-Vacuum



+ Includes 51344 Locking-Type Female Pad (2" diameter).

#### 48520

- Speed: 12,000 RPM

#### 48521

- Speed: 15,000 RPM

#### 48522

- Speed: 20,000 RPM

### 48530 / 48531 / 48532

3" (75 MM) DIA.  
RIGHT ANGLE DISC SANDERS

- Includes 51346 Locking-Type Female Pad
- Power: 0.4 hp (298 W)
- Extended muffler design.



#### 48530

- Speed: 12,000 RPM

#### 48531

- Speed: 15,000 RPM

#### 48532

- Speed: 20,000 RPM

### 52400

2" (50 MM) DIA.  
7° OFFSET DISC SANDER

- Power: 0.5 hp (373 W)
- Speed: 15,000 RPM
- Front Exhaust



+ Includes 51348 Locking-Type Female Pad (2" diameter).

### 52415

3" (75 MM) DIA.  
7° OFFSET DISC SANDER

- Removable side handle.
- Power: 0.7 hp (522 W)
- Speed: 20,000 RPM
- Extended Rear Exhaust



+ Includes 51347 Locking-Type Female Pad (3" diameter).

### 54400 / 54403

3" (75 MM) DIA.  
RIGHT ANGLE DISC SANDERS

- Power: 0.7 hp (522 W)
- Speed: 18,000 RPM



#### 54400

- Standard Muffler

#### 54403

- Extended Muffler

### 54347 / 54363

.7 HP EXTENDED  
RIGHT ANGLE DIE GRINDERS

- Power: 0.7 hp (522 W)
- Speed: 18,000 RPM
- Rear Exhaust



#### 54347

- Speed: 12,000 RPM

#### 54363

- Speed: 18,000 RPM

+ Allows additional reach of 3-3/8" (86 mm).

### 55560 / 55561

.7 HP EXTENDED RIGHT ANGLE DIE GRINDERS

- "Featherable" trigger enables the operator to vary and control the speed of the tool during use.
- Power: 0.7 hp (522 W)
- Speed: 25,000 RPM
- Rear Exhaust



#### 55560

- Speed: 12,000 RPM

#### 55561

- Speed: 18,000 RPM



**VARIETY OF BACKING PADS AVAILABLE AT DYNABRADE.COM**

### DYNASWIVELS®

- Swivels 360 degrees at two pivot points allowing the air hose to drop directly to the floor.



#### 94300

1/4" NPT COMPOSITE  
DYNASWIVEL®



#### 95460

1/4" NPT ALUMINUM  
DYNASWIVEL®



#### 95734

1/4" NPT FLOW CONTROL  
DYNASWIVEL®

## ABRASIVE BELT TOOLS

### 15003 / 15013

#### MINI-DYNAFILE® II ABRASIVE BELT TOOL

- Lightweight ergonomic design handle features 7° offset.
- Belt guard easily detaches for quick abrasive change; simple belt tracking adjustment knob.
- Power: 0.4 hp (298 W)
- Speed: 25,000 RPM
- Rear Exhaust



#### 15003

- For 1/8"-1/2" W x 12" L (3-13 mm x 305 mm) Belts

#### 15013

- For 1/8"-1/2" W x 13" L (3-13 mm x 330 mm) Belts



- Multi-position grinding head pivots 360 Degree.

### 40320 / 40326

#### DYNAFILE® II ABRASIVE BELT TOOLS

- Lightweight, ergonomic 7° offset design.
- Power: 0.5 hp (373 W)
- Speed: 20,000 RPM
- Front Exhaust



#### 40320

- For 1/4"-3/4" W x 18" L (6-19 mm x 457 mm) Belts

#### 40326

- For 1/4"-3/4" W x 20-1/2" L (6-19 mm x 521 mm) Belts



### 40381

#### DYNAFILE® II ABRASIVE BELT TOOL

- 1,500 SFPM - Slow speed ensures longer belt life when working on titanium and other exotic materials.
- Power: 0.4 hp (498 W)
- Speed: 5,000 RPM
- Front Exhaust
- For 1/4"-3/4" W x 18" L (6-19 mm x 457 mm) Belts

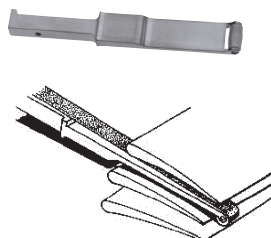


- Includes 11206 Contact Arm for 3/4" wide x 18" long belts.

### 11220

#### DYNAFILE® II CONTACT ARM ASSEMBLY

- For 5/8" (16 mm) W or 3/4" (19 mm) W x 18" (457 mm) L Belts
- 45 PSIG maximum
- 2" strap polish in offset area; polish turbine blades and other contours



### 15010

#### MINI-DYNAFILE® II ABRASIVE BELT TOOL

- For 1/8"-1/2" W x 18.7" L (3-13 mm x 475 mm) Belts
- Power: 0.4 hp (298 W)
- Speed: 25,000 RPM
- Rear Exhaust
- Non-Vacuum



- Lightweight ergonomic design handle features 7° offset.

### 15300

#### DYNAFILE® III ABRASIVE BELT TOOL

- Tool includes high-efficiency Rubber Drive Wheel, ideal for use with all abrasive belts.
- Power: 0.7 hp (522 W)
- Speed: 20,000 RPM
- Front Exhaust



- Includes 15350 Contact Arm for 1" wide x 18" long abrasive belts.

### 15400

#### DYNAFILE® III ABRASIVE BELT TOOL

- Tool grinding head pivots 180°.
- Power: 0.7 hp (522 W)
- Speed: 20,000 RPM
- Front Exhaust



- Includes 11206 Contact Arm for belts 5/8" or 3/4" wide x 18" long.

### 14000

#### DYNAFILE® ABRASIVE BELT TOOL

- World-famous Dynafile® replaces tedious hand filing and sanding.
- Power: 0.5 hp (373 W)
- Speed: 20,000 RPM
- Superior belt tracking permits use of abrasive belts 1/8"-1/2" (3 - 13 mm) wide x 24" (610 mm) long.



- Grind, deburr, blend, polish, finish and more!

### 14360

#### PNEUMATIC PIPE BELT FINISHER

- For 1/2"-1-1/2" (13-38 mm) wide x 30" (762 mm) long belts.
- Power: 0.7 hp (522 W)
- Speed: 3,400 RPM
- Rear Exhaust



VARIETY OF SIZES/PRODUCTS AVAILABLE CONTACT YOUR SALES REP



# DYNABRADE SANDERS

## 59105

### 3" (75 MM) DIA. DYNORBITAL-SPIRIT® RANDOM ORBITAL SANDER

- Includes low profile, premium urethane weight-mated sanding pad.
- Orbit: 3/16" (5 mm)
- Power: 0.25 hp (186 W)
- Speed: 12,000 RPM
- Non-Vacuum
- Rear Exhaust



3/16" (5 MM) DIA. ORBIT  
General Sanding

+ High-strength, composite rotor has better lubricating qualities, allowing blades to last longer.



## 59025 / 59029

### 6" (150 MM) DIA. DYNORBITAL-SPIRIT® RANDOM ORBITAL SANDERS

- Includes low profile, premium urethane weight-mated sanding pad.
- Power: 0.25 hp (186 W)
- Speed: 12,000 RPM
- Rear Exhaust



3/16" (5 MM) DIA. ORBIT  
General Sanding

+ Precision one-piece motor shaft and counterbalance.

#### 59025

- Non-Vacuum

#### 59029

- Central Vacuum

## X61VHS / X61H

### 6" (150 MM) DYNORBITAL® EXTREME SANDERS

- Ergonomic design with integrated comfort platform for more wrist support and overall operator comfort.
- Power: 0.3 hp (224 W)
- Speed: 12,000 RPM
- Rear Exhaust



3/16" (5 MM) DIA. ORBIT  
General Sanding



#### X61VHS

- Vacuum with Hook-Face Pad and Speed Control Valve

#### X61H

- Non-Vacuum with Hook-Face Pad

+ New rotor design enhances power with less friction.

## 58446

### 8" (200 MM) DIA. TWO-HAND GEAR-DRIVEN SANDER

- Designed for use with central vacuum system or external vacuum source.
- Anti-clog design for efficient sanding of damp filler material.
- Power: 0.45 hp (336 W)
- Speed: 900 RPM
- Central Vacuum
- Rear Exhaust
- Hook-Face Pad



EPICYCLOIDAL MOTION



## X31 / X31V / X32 / X32V

### 3" (75 MM) MINI-DYNORBITAL® EXTREME RANDOM ORBITAL SANDERS

- Power: 0.1 hp (75 W)
- Speed: 12,000 RPM
- Rear Exhaust
- Hook-Face Pad



#### X31



3/16" (5 mm)  
Dia. Orbit  
• Non-Vacuum



#### X31V



3/16" (5 mm)  
Dia. Orbit  
• Vacuum



#### X32



3/32" (2.5 mm)  
Dia. Orbit  
• Non-Vacuum



#### X32V



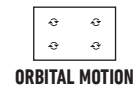
3/32" (2.5 mm)  
Dia. Orbit  
• Vacuum



## 57900

### DYNAFINE® DETAIL SANDER

- Ideal for use on furniture, shutters, moldings, door jambs and much more.
- 1/32" dia. orbital action for superior finishes.
- 7° Offset
- Power: 0.12 hp (89 W)
- Speed: 13,000 RPM
- Rear Exhaust



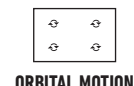
ORBITAL MOTION



## 57810

### DYNABUG® ORBITAL SANDERS

- 3-2/3" W x 7" L (93 mm x 178 mm)
- Tools have heavy-duty clips to accept traditional 3-2/3" x 9" abrasive sheets.
- Orbit: 3/32" (2.5 mm)
- Power: 0.28 hp (209 W)
- Speed: 10,000 RPM
- Rear Exhaust



ORBITAL MOTION

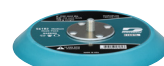


+ Includes premium 57850 Vinyl-Face Sanding Pad for PSA (adhesive-backed) abrasives.

## 56182 / 54327

### 6" (150 MM) DIA. NON-VACUUM DISC PADS

- Exclusive single-piece hub design reduces pad vibration and ensures smooth performance.
- Hook-Face, Short Nap
- Medium Density
- 5/16"-24 Male Thread



#### 56182

- 5/8" (16 mm)  
Thickness Urethane



#### 54327

- 3/8" (10 mm)  
Thickness Urethane

## CLEAN AIR SOLUTIONS & VACUUM TOOLS

**64821**

### MINI-RAPTOR 2 H-CLASS WET/DRY VACUUM

- Includes vacuum & 4m vacuum hose with integrated airline.
- weight-mated sanding pad.
- For use on chromium paint applications.
- Auto On/Off pneumatic and electric, automatic cleaning.
- Power: 220-240V/50-60Hz
- Region/Plug: CEE7
- Capacity: 41 liters (10 Gal.)



**61471 / 61473**

### RAPTOR VAC® PNEUMATIC VACUUMS

- For use on metallic surfaces such as aluminum, magnesium, titanium, commercial alloys.
- Collects maximum of 5 lbs. (2.27 kg) of dust.
- Includes: One 20' (6 m) Conductive Coaxial Hoses with Integrated Air Lines, One Composite Coupler, One Vacuum Hose Swivel Adapter, Conductive recovery bag, HEPA H14 Filter with 99.995% efficiency on 0.3 micron, Wall Mounting Hardware
- Water Static Lift: 80"/203 cm/199 mbar
- Capacity: 6 liters (1.5 Gal.)
- Air Consumption: 35 SCFM (991 L/Min)



**61471**

• Wall-Mount Style

**61473**

• Backpack Style

• Designed for dry-only source capture, where fine dust must be recovered.

**61431 / 61441**

### RAPTOR VAC® DIVISION 2, PORTABLE VACUUM SYSTEMS

- For use on paint, aluminum, and titanium.
- Includes HEPA H14 Filter with 99.995% efficiency on 0.3 micron.
- Includes: Two 20' (6 m) Conductive Coaxial Hoses with Integrated Air Lines, Connector, Two Composite Couplers, Two Vacuum Hose Swivel Adapters, Disposable Collection Bag and a Conductive Poly Liner.
- Capacity: 38 liters (10 Gal.)



**61431 (ELECTRIC)**

- Water Static Lift: 170"/272 cm/267 mbar
- Voltage/Frequency: 120V/60Hz
- Power: 1,200 Watts

**61441 (PNEUMATIC)**

- Water Static Lift: 170"/432 cm/423 mbar
- Air Consumption: 45 SCFM (1,274 L/Min)

**31972 / 31990**

### CONDUCTIVE HOSE ASSEMBLIES

- 1" Vacuum
- 20' (6 m) conductive vacuum hose with integrated air line (5/16")



**31972**

• 1" Vacuum

**31990**

• 1-1/4" Vacuum



**WE LISTEN. WE OBSERVE. WE INNOVATE.**



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