



# PREMIUM POWER TOOLS FOR WIND ENERGY THE DYNABRADE ESSENTIALS

**THE LEADER** IN INNOVATIVE  
SURFACE FINISHING SOLUTIONS



- + CUT-OFF TOOLS & DISC SANDERS
- + RANDOM ORBITAL SANDERS
- + ABRASIVE BELT TOOLS
- + VACUUM TOOLS & DRILLS
- + CLEAN AIR SOLUTIONS
- + ACCESSORIES

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

## CUT-OFF TOOLS

## 52538

## 3" (75 MM) DIA. RIGHT ANGLE VACUUM CUT-OFF WHEEL TOOL

- For efficient cutting with dust and debris removal.
- Ideal for use with optional 3" diameter Diamond Cut-Off Wheels.
- Power: 0.4 hp (298 W)
- Speed: 12,000 RPM
- Rear Exhaust



52538

- + Adjustable wheel guard has vacuum port (1" outside dia.) that diverts airborne dust and debris to optional vacuum source.

## 52615

## 5" (125 MM) DIA. RIGHT ANGLE VACUUM CUT-OFF WHEEL TOOL

- Excellent for efficient cutting with capture of dust and debris. Ideal for use on fiberglass and composites.
- Safety-lock lever is included.
- Power: 1.3 hp (969 W)
- Speed: 12,000 RPM
- Rotational Exhaust



52615

- + Shroud/Guide Plate design allows cutting as close as 1/8" (3 mm) to leading edge of work piece.

## 52418

## 3" (75 MM) STRAIGHT-LINE CENTRAL VACUUM FLUSH CUT-OFF WHEEL TOOL

- Unique cutaway shroud design allows 1" (25 mm) wheel depth exposure.
- Power: 0.7 hp (522 W)
- Speed: 20,000 RPM
- Rear Exhaust



52418



## 52537

## 3" (75 MM) DIA. STRAIGHT-LINE VACUUM EXTENSION CUT-OFF WHEEL TOOL

- For efficient cutting with dust and debris removal.
- Ideal for 3" Dia. Diamond Cut-Off Wheels.
- Blade guide allows exposure of 9/16" (14 mm) depth of Cut-Off Wheel.
- Power: 1 hp (746 W)
- Speed: 18,000 RPM
- Rear Exhaust



52537



- + Extension design is ideal for two-hand use, offering enhanced comfort and control.

## 52436

## 4-1/2" (115 MM) DIA. 7° OFFSET VACUUM CUT-OFF WHEEL TOOL

- For efficient cutting with dust and debris removal.
- Blade depth exposure of 1-3/16".
- Power: 0.7 hp (522 W)
- Speed: 20,000 RPM
- Rear Exhaust



52436

## 53291

## 7" (180 MM) REBEL SERIES DIAMOND CUT-OFF GRINDER

- Ideal for efficient cutting on fiberglass and composites with excellent capture of dust and debris.
- 10° offset handle promotes natural hand and wrist protection.
- Power: 2.8 hp (2,100 W)
- Speed: 8,500 RPM



53291

## 52438

## 5" (125 MM) DIA. 7° OFFSET VACUUM CUT-OFF WHEEL TOOL

- For efficient cutting with dust and debris removal.
- Adjustable wheel guard has vacuum port, 1-1/4" (32 mm) outside diameter, that diverts airborne dust and debris to optional vacuum source.
- Power: 1 hp (746 W)
- Speed: 12,000 RPM
- Rear Exhaust



52438





## DISC SANDERS

### 51230 / 51231 / 51232

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

- Flexible, non-marring Vacuum Shroud allows capture of dust, debris, and contaminants such as Hexavalent Chromium.
- For Cleaning Welds, Grinding Down Excess Glue, Sanding Flanges, Blade Repair & more!
- Power: 0.4 hp (298 W)
- Central Vacuum
- Rear Exhaust



51230/51231/  
51232



#### 51230

- Speed: 12,000 RPM

#### 51231

- Speed: 15,000 RPM

#### 51232

- Speed: 20,000 RPM

### 51236

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

- 1-1/4" (32 mm) diameter vacuum port allows connection to external or central vacuum system.
- Power: 0.4 hp (298 W)
- Speed: 25,000 RPM
- Central Vacuum
- Rear Exhaust



51236

- Shroud angle of 6° ensures ideal surface contact, for maximum dust extraction.

### 52436

#### 4-1/2" (115 MM) DIA. 7° OFFSET VACUUM CUT-OFF WHEEL TOOL

- Ideal for use on non-ferrous surfaces such as fiberglass and composites.
- Convenient Spindle Lock allows quick and easy changing of backing pad or abrasive.
- Power: 1.3 hp (970 W)
- Speed: 12,000 RPM
- Central Vacuum
- Rotational Exhaust



52596



### 52597

#### 7" (180 MM) DIA. RIGHT ANGLE DISC SANDER

- 3/4" (19 mm) Shroud Brush assists in capture of airborne contaminants.
- Power: 1.3 hp (969 W)
- Speed: 6,000 RPM
- Central Vacuum
- Rotational Exhaust



52597

### 50211 / 50561

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

- For efficient material removal on non-ferrous surfaces such as carbon fiber, fiberglass, painted aluminum and more.
- Power: 0.4 hp (298 W)
- Speed: 15,000 RPM
- Central Vacuum
- Rear Exhaust



50211



50561



#### 50211

- Trimmed Shroud

#### 50561

- Standard Shroud

### 53279

#### REBEL SERIES 7" (180 MM) VACUUM DISC SANDER WITH AUTOBALANCER (EU)

- Autobalancer for reduced vibration.
- Designed to overcome the challenges of heavy-duty industrial applications
- Multi-Position Guard rotates 67° from center for operator protection and improved sight lines.
- 10° offset handle promotes natural hand and wrist protection.
- Power: 2.8 hp (2,088 W)
- Speed: 6,500 RPM
- Adjustable Exhaust



53279



- Durability - Sealed gear case with ultra high-performance gear grease and Cast aluminum motor housing. Compatibility - Work with fiber discs, layered flap discs, type 27, 28, 29, or 42 abrasives using guard & flange configurations.

# DYNABRADE RANDOM ORBITAL SANDERS

## X61V / X61ESD

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

- New motor design has the highest power-to-weight ratio in the industry.
- Orbit: 3/16" (5 mm)
- Power: 0.3 hp (224 W)
- Speed: 12,000 RPM
- Rear Exhaust
- Hook-Face Pad



X61V



X61ESD

3/16" (5 MM)  
DIA. ORBIT

#### X61V

- Vacuum-Ready

#### X61ESD

- Central Vacuum
- Designed and wired to dissipate electrostatic discharge away from the operator, directly to an earth ground.



## 58600 / 58602 / 58603

### 6" (150 MM) DIA. DUAL-GRIP RANDOM ORBITAL SANDER FOR ESD

- Designed to protect the operator against Electrostatic Discharge with a built in grounding copper wire & 1 MegaOhm resistor.
- Central Vacuum
- Rear Exhaust

58600/58602/  
58603

#### 58600

- Power: 0.25 hp (186 W)
- Speed: 10,000 RPM

#### 58602 / 58603

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

3/16" (5 MM)  
DIA. ORBIT

## 58611 / 58651 / 58652

### 6" (150 MM) DIA. DUAL-GRIP RANDOM ORBITAL SANDER FOR ESD

- Designed to protect the operator against Electrostatic Discharge with a built in grounding copper wire & 1 MegaOhm resistor.
- Power: 0.4 hp (298 W)
- Speed: 12,000 RPM
- Central Vacuum



58611/58651



58652

3/16" (5 MM)  
DIA. ORBIT

#### 58611

- With 57371 Overskirt Shroud

#### 58651

- With 58651 Overskirt Shroud
- Hose Assembly: 10' x 1-1/4" w/ connection to 2" vacuum system
- With 3 m Hose

#### 58652

- With 57369 Lip Seal Shroud
- Hose Assembly: 10' x 1-1/4" w/ connection to 2" vacuum system
- With 3 m Hose

## 59025

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

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



59025

3/16" (5 MM)  
DIA. ORBIT

## 58406

### 6" (150 MM) DIA. TWO-HAND RANDOM ORBITAL SANDER

- Self-generated vacuum models are ready for connection to optional portable dust collection system.
- Power: 0.45 hp (336 W)
- Speed: 12,000 RPM
- Self-Generated Vacuum
- Rear Exhaust



58406

3/16" (5 MM)  
DIA. ORBIT

+ Vacuum port accepts 1-1/4" (32 mm) dia. hose cuff for increased vacuum flow.

## 58601

### 6" (150 MM) DIA. DUAL-GRIP RANDOM ORBITAL SANDER FOR ESD

- Ideal for sanding various materials using 6" hook-faced sanding pads and 6" loop-faced coated or non-woven nylon abrasives.
- Power: 0.4 hp (298 W)
- Speed: 10,000 RPM
- Central Vacuum
- No inlet ground



58601

3/16" (5 MM)  
DIA. ORBIT

## 58660 / 58661

### 8" (200 MM) DIA. DUAL-GRIP RANDOM ORBITAL SANDER FOR ESD

- Dust is extracted away from air motor (reducing contamination) for a smoother, easier path of extraction.
- Power: 0.4 hp (298 W)
- Speed: 900 RPM
- Central Vacuum



58661

3/16" (5 MM)  
DIA. ORBIT

58660

#### 58660

- With 56489 Overskirt Shroud
- Hose Assembly: 10' x 1-1/4" w/ connection to 2" vacuum system
- With 3 m Hose

#### 58661

- With 56489 Overskirt Shroud



## BELT TOOLS & VACUUM DRILLS

### 40320 / 40326

#### DYNAFILE® II ABRASIVE BELT TOOLS

- Grinding head pivots 360° for securing in most efficient position.
- Lightweight, ergonomic 7° offset design.
- Belt guard easily detaches for quick abrasive change; simple belt tracking adjustment knob.
- Power: 0.5 hp (373 W)
- Speed: 20,000 RPM
- Front Exhaust



#### 40320

- For 1/4"-3/4" (6-19 mm) wide x 18" (457 mm) long belts

#### 40326

- For 1/4"-3/4" (6-19 mm) wide x 20-1/2" (521 mm) long belts

### 15300

#### DYNAFILE® III ABRASIVE BELT TOOL

- Grinding head pivots 360° for securing in most efficient position.
- Lightweight, ergonomic 7° offset design.
- Belt guard easily detaches for quick abrasive change; simple belt tracking adjustment knob.
- Power: 0.5 hp (373 W)
- Speed: 20,000 RPM
- Front Exhaust



### 15400 / 15401

#### DYNAFILE® III ABRASIVE BELT TOOLS

- Tool grinding head pivots 180°.
- 7° Offset
- Power: 0.7 hp (522 W)
- Speed: 20,000 RPM
- Front Exhaust



#### 15400

- For 5/8", 3/4" wide x 18" long (13 mm, 19 mm x 457 mm) Belts

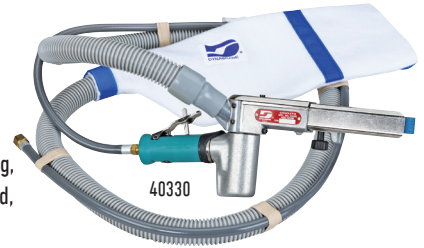
#### 15401

- For 5/8", 3/4" wide x 20-1/2" long (13 mm, 19 mm x mm) Belts

### 40330

#### VACUUM DYNAFILE® II ABRASIVE BELT TOOL

- Excellent for grinding, deburring, finishing and polishing, on wood, plastic, fiberglass and exotic metals.
- Power: 0.5 hp (373 W)
- Speed: 20,000 RPM
- Front Exhaust



+ 1/4-3/4" W x 18-24" L  
(6-19 mm x 457-610 mm) Belt

### 52903 / 52904 / 52905 / 52906

#### 1/4" VACUUM DRILLS

- High torque air motor; comfortable insulated tool grip.
- 1-1/4" (32 mm) Diameter Vacuum Port for connection to Central Vacuum System.
- Power: 0.4 hp (298 W)
- Rear Exhaust



+ Each model includes  
1/4" Dynachuck & key.

#### 52903

- Speed: 500 RPM

#### 52904

- Speed: 1,000 RPM

#### 52905

- Speed: 2,400 RPM

#### 52906

- Speed: 3,600 RPM

### 53103 / 53104 / 53105

#### 3/8" VACUUM DRILLS

- Includes collapsible Vacuum Shroud, which compresses around drill bit to effectively capture chips and debris.
- Used to drill wood, ceramics, plastics, fiberglass, laminates, hard and soft materials.
- 1-1/4" (32 mm) Diameter Vacuum Port for connection to Central Vacuum System.
- Power: 0.7 hp (522 W)
- Rear Exhaust



53103/53104/  
53105

#### 53103

- Speed: 3,400 RPM

#### 53104

- Speed: 4,500 RPM

#### 53105

- Speed: 9,500 RPM

### 53106

#### 1/2" VACUUM DRILLS

- Includes collapsible Vacuum Shroud, which compresses around drill bit to effectively capture chips and debris.
- 1-1/4" (32 mm) Diameter Vacuum Port for connection to Central Vacuum System.
- Power: 0.7 hp (522 W)
- Speed: 950 RPM
- Rear Exhaust



## BUFFERS, EXTENSION & STRAIGHT-LINE DIE GRINDERS

### 51600 / 51601

6" - 8" (150 - 200 MM) DIA.  
RIGHT ANGLE TWO-HAND  
ROTARY BUFFERS

- For quick and easy spot repair on a variety of surfaces.
- Power: 0.7 hp (522 W)
- M14 x 2 Spindle Thread
- Rear Exhaust
- Non-Vacuum



- |                      |                      |
|----------------------|----------------------|
| <b>51600</b>         | <b>51601</b>         |
| • Speed: 0-2,000 RPM | • Speed: 0-3,100 RPM |

### 51390

6" - 8" (150 - 200 MM) DIA.  
RIGHT ANGLE TWO-HAND  
ROTARY BUFFER

- Power: 1 hp (746 W)
- Speed: 1,250 RPM
- 5/8"-11 Spindle Thread
- Rear Exhaust
- Non-Vacuum



### 51307

.5 HP STRAIGHT-LINE  
DIE GRINDER

- Gearless for reduced maintenance and downtime.
- Power: 0.5 hp (373 W)
- Speed: 24,000 RPM
- 1/4" & 6mm Collets
- Extended Rear Exhaust
- Non-Vacuum



- + Planetary gear set is easily lubricated for extended tool life.

### 53510 / 53511

.5 HP STRAIGHT-LINE  
DIE GRINDERS

- Extension Die Grinder has 3" (75 mm) workable reach.
- Power: 0.5 hp (373 W)
- 1/4" & 6mm Collets
- Extended Rear Exhaust
- Non-Vacuum



- + Includes 1/4" (01485) & 6 mm (01497) Collet Inserts; fits optional 1/8" (01495)

- |                     |                     |
|---------------------|---------------------|
| <b>53510</b>        | <b>53511</b>        |
| • Speed: 18,000 RPM | • Speed: 20,100 RPM |

### 53531 / 53532 / 53533

CONE OR PLUG GRINDERS

- Power: 1 hp (746 W)
- Speed: 18,000 RPM
- 3/8"-24 Spindle Thread
- Rear Exhaust
- Non-Vacuum



- |                    |                    |                    |
|--------------------|--------------------|--------------------|
| <b>53531</b>       | <b>53532</b>       | <b>53533</b>       |
| • Single Extension | • Double Extension | • Triple Extension |

- + Includes 3/8"-24 Male Threaded Adapter (53610).

### 56755

.4 HP STRAIGHT-LINE  
DIE GRINDER

- Power: 0.4 hp (298 W)
- Speed: 25,000 RPM
- 1/4" & 6 mm Collets
- Rear Exhaust
- Central Vacuum



### 56759

.7 HP STRAIGHT-LINE  
DIE GRINDER

- Power: 0.7 hp (522 W)
- Speed: 15,000 RPM
- 1/4" & 6 mm Collets
- Rear Exhaust
- Central Vacuum



### 53501 / 53502

.5 HP STRAIGHT-LINE  
DIE GRINDERS

- Extension Die Grinder has 7-1/4" (184 mm) workable reach.
- Power: 0.5 hp (373 W)
- 1/4" & 6mm Collets
- Extended Rear Exhaust
- Non-Vacuum



- + Includes 1/4" (01485) & 6 mm (01497) Collet Inserts; fits optional 1/8" (01495)

- |                     |                     |
|---------------------|---------------------|
| <b>53501</b>        | <b>53502</b>        |
| • Speed: 18,000 RPM | • Speed: 20,000 RPM |



## CLEAN AIR SOLUTIONS & ACCESSORIES

### 31920 / 31921 / 31923 / 31925

#### STATIC CONDUCTIVE HOSES

- Conductive construction for high static environments.



31920/31921/31923/31925

#### 31920

- 1-1/4" (32 mm) Dia.
- Available in max. lengths of 50 ft

#### 31921

- 1" (25 mm) Dia.
- Available in max. lengths of 50 ft

#### 31923

- 1-1/2" (38 mm) Dia.
- Specify Length

#### 31925

- 3/4" (19 mm) Dia.
- Specify Length

## CLEAN AIR SOLUTIONS PORTABLE VACUUM SYSTEMS

### 61473

#### RAPTOR VAC® PNEUMATIC VACUUM - BACKPACK STYLE

- For use on metallic surfaces such as aluminum, magnesium, titanium, commercial alloys.
- Collects maximum of 5 lbs. (2.27 kg) of dust.
- Designed For Use In: Class I, Division I, Groups A, B, C, D T6 Class II, Division I, Groups E, F and G Hazardous Locations as defined in the National Electric Code (NFPA 70) European Certifications: ATEX, Third Party Certified, CE EX II 2 GD c IIC T6 (85° C)
- Designed for dry-only source capture, where fine dust must be recovered.
- Capacity: 1.5 Gallon (6 Liter)

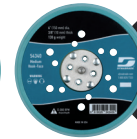


### 6" (150 MM) DIA. VACUUM DISC PADS

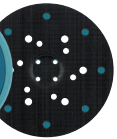
- Feature our exclusive single-piece hub design, which reduces pad vibration and ensures smooth performance.
- Perfectly Weight-Mated to Dynabrade tools for smooth operation, achieving consistent swirl-free finishes.
- Hook-Style features melt-resistant hooks that securely fasten abrasive discs.



54328



54340



56321



56183

Part Number	Pad Diameter	Face Type	Vacuum Type	Thickness	Density	Spindle Thread	Max. RPM
54328	6" (150 mm)	Hook	Vacuum	3/8" (10 mm)	Medium	5/16"-24 Male	12,000
54340			Multi-Hole Vacuum				
56321			52-Hole Vacuum				
56183			Vacuum	5/8" (10 mm)			



The Compact Rebel series are powerful air tools in a compact design. For use in heavy-duty industrial applications.

### 58912

#### 5" (125 MM) DIA. COMPACT RIGHT-ANGLE DISC SANDER

- For use in heavy-duty metal fabrication, industrial grinding, and surface preparation.
- Compact one-piece right-angle housing design, well balanced, comfort grip side handle.



58912

### 58914V

#### 7" (180 MM) DIA. COMPACT RIGHT-ANGLE DISC SANDER

- Rotatable Vacuum Sanding Shroud allows for more accurate views of workpieces.
- For non-ferrous surfaces only such as Carbon Fiber, Composites, Fiberglass, Turbine Blades and more.
- Central Vacuum



58914V

Part No.	Diameter	Speed	Power	Maximum Air Flow	Air Pressure	Spindle	Weight	Height	Length
58912	5" (125 mm)	12,000 RPM	2.2 hp (1.6 kw)	107 SCFM (3,030 SLPM)	90 PSIG (6.2 Bars)	5/8"-11	4.2 lbs. (1.9 kg)	4" (100 mm)	9.5" (242 mm)
58914V	7" (180 mm)	8,500 RPM	2.0 hp (1.5 kw)				5.2 lbs. (2.4 kg)	4.2" (107 mm)	

## ACCESSORIES

### 5" DIAMETER DIAMOND CUT-OFF WHEELS

Utilized for fiberglass mold and flash trimming, plus trimming of composite components.

- Continuous Rim: Used most commonly for fiberglass cutting.
- Continuous Rim with Side Spoke: Used for sawing thicker material and curved surfaces, without jamming the wheel and stalling the tool.
- Gulleted/Slotted: Used for cutting fiberglass 3/4" thick or more.

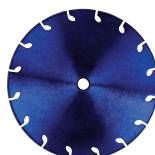


Part No.	Diameter	Attachment	Wheel Type	Thickness	Qty/Box
93646	75 mm	3/8" Center Hole	Side Spoked	3/32" (2.5 mm)	1
93907		2-1/4" Shank	Side Spoked		
94912	115 mm	3/8" Center Hole	Gulleted / Slotted		
93650	180 mm	2/4" Center Hole	Side Spoked		

### 94112

#### DYNACUT™ DIAMOND SEGMENTED RIM CUT-OFF BLADE

- 7" Dia. x .060" Thick x 7/8" Hole
- Ultra thin, "silent" metal core



Part No.	Diameter	Attachment	Wheel Type	Thickness	Qty/Box
94112	180 mm	22 mm Hole	Segmented Rim	0.06" (1.5 mm)	1

	FEATURE	BENEFIT
1	ADVANCED BRAZED BONDING TECHNOLOGY	Extra-long life, greater diamond grain retention
2	ULTRA-THIN, "SILENT" METAL CORE	Reduces noise during cutting
3	ENVIRONMENTALLY FRIENDLY CUTTING	Fewer sparks and less grinding dust

### THERMOPLASTIC BACK-UP PADS

- Fins help expel heat from disc pad extending disc life.



Part No.	Dia.	Pad MOS RPM	Center Hole Dia.	Female Thread	Density
50150	4-1/2" (115 mm)	13,000	-	M14 x 2	Medium
50288			5/8"	-	Hard
50289			-	3/8" - 24	Hard
51148			5/8"	-	Medium
51149			-	5/8" - 11"	Medium
50151	5" (125 mm)	12,000	-	M14 x 2	Medium
50296			5/8"	-	Hard
51150			5/8"	-	Medium
50152	7" (180 mm)	8,500	-	M14 x 2	Hard
50297			5/8"	-	Medium
51151			5/8"	-	Hard

### RUBBER MOLDED BACK-UP PADS

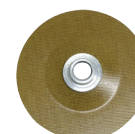
- Spiral ribs provide contact points and form air-flow channels, extending disc life.



Part No.	Dia.	Pad MOS RPM	Thread	Density
50150	4-1/2" (115 mm)	13,500	M14 x 2	Medium
50288			5/8" - 11" Female	
50289	5" (125 mm)	13,000	5/8" - 11" Female	
51148	7" (150 mm)	8,600	5/8" - 11" Female	

### FIBER DISC PHENOLIC BACK-UP PAD

- 5/8" - 11 female thread.
- Includes 50267 pad assembly with 50268 locking nut.



Part No.	Dia.	Pad MOS RPM	Thread	Density
50261	4-1/4" (110 mm)	13,000	5/8" - 11" Female	Hard

WE LISTEN. WE OBSERVE. WE INNOVATE.



DYNABRADE, INC.  
8989 Sheridan Drive  
Clarence, New York 14031-1419



Tel: 716.631.0100  
Fax: 716.631.2073  
International Fax: 716.631.2524



DYNABRADE.COM

D25-03