



VEHICLE MANUFACTURING

THE DYNABRADE ESSENTIALS

**THE LEADER IN INNOVATIVE
SURFACE FINISHING SOLUTIONS**



- + BODY SHOP
- + STAMPING / DIE MAINTENANCE
- + PAINT SHOP
- + CLEAN AIR SOLUTIONS
- + ABRASIVES & ACCESSORIES

WE LISTEN. WE OBSERVE. WE INNOVATE.

DYNABRADE RANDOM ORBITAL SANDERS

59005 / 59020 / 59035

DYNORBITAL-SPIRIT® RANDOM ORBITAL SANDERS

- 5" (125 mm) Dia. Hook-Face Pad
- Power: 0.25 hp (186 W)
- Speed: 12,000 RPM
- Non-Vacuum
- Rear Exhaust



59005

3/8" (10 mm)
Dia. Orbit

For Aggressive Sanding
(Orange Lever)



59020

3/16" (5 mm)
Dia. Orbit

For General Sanding
(Silver Lever)



59035

3/32" (2.5 mm)
Dia. Orbit

For Ultra-Fine Sanding
(Black Lever)

X51 / X51V / X52

5" (125 MM) DYNORBITAL® EXTREME RANDOM ORBITAL SANDERS

- Motor design has the highest power-to-weight ratio in the industry
- Ergonomic design with integrated comfort platform for operator comfort.
- Premium sanding pad is weight-mated for the lowest vibration levels.
- Power: 0.3 hp (224 W)
- Speed: 12,000 RPM
- Rear Exhaust



➤ American-made from the highest grade materials for long-life and high durability.



X51 (PSA)

3/16" (5 mm)
Dia. Orbit

• Non-Vacuum



X51V (HOOK-FACE)

3/16" (5 mm)
Dia. Orbit

• Vacuum-Ready



X52 (PSA)

3/32" (2.5 mm)
Dia. Orbit

• Non-Vacuum

58441 / 58442 / 58445

TWO-HAND GEAR-DRIVEN SANDERS

- Unique epicycloidal sanding action allows aggressive removal of material.
- Applications include removal and leveling of large amounts of filler materials such as glue or epoxy; leveling small welds; removing coatings.
- Power: 0.45 hp (336 W)
- Speed: 900 RPM
- Rear Exhaust
- Non-Vacuum



➤ For use on materials including metal, solid surfaces, wood and fiberglass.

58441

• 5" (125 mm) Dia.

58442

• 6" (150 mm) Dia.

58445

• 8" (200 mm) Dia.

56880 / 56815 / 56850

DYNORBITAL SUPREME® RANDOM ORBITAL SANDERS

- 5" (125 mm) Dia. Hook-Face Pad
- Power: 0.28 hp (209 W)
- Speed: 12,000 RPM
- Non-Vacuum
- Rear Exhaust



56880

3/8" (10 mm)
Dia. Orbit

For Aggressive Sanding
(Orange Lever)



56815

3/16" (5 mm)
Dia. Orbit

For General Sanding
(Silver Lever)



56850

3/32" (2.5 mm)
Dia. Orbit

For Ultra-Fine Sanding
(Black Lever)

58400 / 58415

TWO-HAND DYNORBITAL® RANDOM ORBITAL SANDERS

- Long handle provides excellent comfort and control, especially when working on vertical sides of workpiece.
- 5" (125 mm) diameter
- Pads have 5/16"-24 male spindle.
- Power: 0.45 hp (336 W)
- Speed: 12,000 RPM
- Rear Exhaust, Non-Vacuum



58400/58415



58400
3/16" (5 mm)
Dia. Orbit



58415
3/8" (10 mm)
Dia. Orbit

➤ All models include premium urethane weight-mated sanding pad.

58430 / 58435 / 58465

DYNALOCKE® DUAL-ACTION SANDERS

- Ideal for metal applications; great on composite materials.
- Excellent for automotive work, such as paint stripping and blending.
- Power: 0.45 hp (336 W)
- Speed: 12,000 RPM
- Orbit: 3/16" (5 mm)
- Rear Exhaust, Non-Vacuum



58430/58435/
58465

ROTARY MOTION
Stripping and Blending



58430

• 5" (125 mm) Dia.

58435

• 6" (150 mm) Dia.

58465

• 3-1/2" (90 mm) Dia.

57101 / 57101H

5" (125 MM) DIA. LOW PROFILE RANDOM ORBITAL SANDER

- Power: 0.2 hp (149 W)
- Speed: 12,000 RPM
- Orbit: 3/16" (5 mm)
- Rear Exhaust, Non-Vacuum



57101/57101H

57101

• Vinyl-Face Pad

57101H

• With Hook-Face Pad

BODY SHOP

15003 / 15013

MINI-DYNAFILE® II

- Ideal for strap polishing and working in narrow openings.
- Power: .4 hp (298 W)
- Speed: 25,000 RPM
- Rear Exhaust
- Lightweight ergonomic design handle features 7 degree offset.
- Multi-position grinding head pivots 360°.



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

48325

.4 HP STRAIGHT-LINE DIE GRINDER

- Perfect for use on metal, fiberglass, carbon fiber, composites and more!
- Power: .4 hp (298 W)
- Speed: 25,000 RPM
- Rear Exhaust
- 1/4" & 6 mm Collets



- + Ideal for rapid material removal, deburring, finishing and polishing

47800

.4 HP RIGHT ANGLE DIE GRINDER

- Dual wick lubrication system saturated with gear oil for extended gear life over 700 hours.
- Power: .4 hp (298 W)
- Speed: 12,000 RPM
- Rear Exhaust
- 1/4" & 6 mm Collets



- + Governor-controlled motor maintains speed under load.

47820

2" DIA. DISC SANDER

- Ideal for fast weld removal, metal beveling in weld preparation, deburring and deflashing, surface conditioning, paint removal and more!
- Ergonomic tool housing with comfortable "soft touch" grip.
- Power: .4 hp (298 W)
- Speed: 12,000 RPM
- Front Exhaust



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

52515

4-1/2" (115 MM) DIA.

RIGHT ANGLE DISC SANDER

- Ideal for light duty applications on metal, fiberglass and more.
- 5/8"-11 Female Pad
- Power: .55 hp (410 W)
- Speed: 15,000 RPM
- Rear Exhaust



- + Includes 50267 Disc Pad (4-1/2" diameter).

40320 / 40321

DYNAFILE® II

- Grind, deburr, blend and polish, on metal, plastic, fiberglass, composites, rubber, glass & more.
- Grind from contact wheel or platen pad; finish and polish using slack of belt.
- Power: .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

40321

- Kit includes: 40320 Dynafile® II, 11206, 11203 and 11204 Contact Arms.

48335

.4 HP 7° OFFSET DIE GRINDER

- One-piece spindle keeps all rotating components on the same centerline for reduced run-out.
- Power: .4 hp (298 W)
- Speed: 25,000 RPM
- Rear Exhaust
- 1/4" & 6 mm Collets



- + Highest horsepower & torque levels of any similar competitive product.

48500 / 48503

.4 HP 7° OFFSET DISC SANDER

- Handle is offset 7 degree for greater operator comfort and control.
- Composite comfort grip reduces cold air transmission to the operator.
- Power: .4 hp (298 W)
- Speed: 25,000 RPM
- Gearless for reduced maintenance and down-time.



48500

- Extended Rear Exhaust
- Includes 51348 Locking-Type Pad (2" diameter).

48503

- Rear Exhaust
- Includes 51344 Locking-Type Pad (2" diameter).

50321

4-1/2" (115 MM) DIA.

PISTOL GRIP DISC SANDER

- Ideal for material removal and finishing applications
- Removable side handle.
- Gearless motor for reduced maintenance and downtime.
- Power: .7 hp (522 W)
- Speed: 11,000 RPM
- Rear Exhaust
- 5/8"-11 Female Pad



- + Includes 50267 Disc Pad Assembly for slotted center-hole abrasive discs.



BODY SHOP



52634



52634

REBEL 1.3 HP DISC SANDER

- Offers countless grinding and material removal solutions to industries such as metal/stainless steel fabrication, composites, masonry, ironwork and general welding.
- 4-1/2" (115 mm) Diameter
- Power: 1.3 hp (970 W)
- Speed: 12,000 RPM
- Rotational Exhaust
- Right Angle
- 5/8"-11 Spindle Thread
- Non-Vacuum

+ Includes 51148 Backing Pad, 4-1/2" (115 mm) diameter, plus mounting hardware.



52632



52632

REBEL 1.3 HP DEPRESSED CENTER WHEEL GRINDER

- Ideal for fast weld and stock removal, heavy deburring, plus rust and scale removal.
- 4-1/2" (115 mm) Diameter
- Power: 1.3 hp (970 W)
- Speed: 12,000 RPM
- Rotational Exhaust
- Right Angle
- 5/8"-11 Spindle Thread
- Non-Vacuum

+ Includes 25212 Wheel Guard, 25262 Backup Flange and 53696 Locking Flange.



52657



52657

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

- Offers countless grinding and material removal solutions to industries such as metal/stainless steel fabrication, composites, masonry, ironwork and general welding.
- Power: 1.3 hp (970 W)
- Speed: 6,000 RPM
- Rotational Exhaust
- 5/8"-11 Spindle Thread
- Non-Vacuum

+ Includes 51151 Backing Pad, 7" (180 mm) diameter, plus mounting hardware.



52585



79826 - DYNABOLT™ A/O ALUMINUM OXIDE

Good choice for carbon steel, stainless steel, cast iron



79827 - DYNASPARK™ ZA ZIRCONIA ALUMINA

A better choice for carbon steel, stainless steel, alloys and gray iron



79813 - DYNAFIRE™ CA CERAMIC ALUMINA

The best choice for carbon steel, stainless steel, alloys and gray iron

52585

REBEL TYPE 41, 1.3 HP CUT-OFF GRINDER

- For cutting of fiberglass, composites, and metal in a wide variety of fabrication applications.
- 5" (125 mm) Diameter
- Power: 1.3 hp (970 W)
- Speed: 12,000 RPM
- Rotational Exhaust
- Right Angle
- 5/8"-11 Spindle Thread
- Non-Vacuum

+ Tool housing and throttle handle are made of solid cast aluminum increasing durability.

STAMPING/DIE MAINTENANCE TOOLS



52712

52712**2" (50 MM) DIA. RIGHT ANGLE DEPRESSED CENTER WHEEL GRINDERS**

- For fast weld and stock removal, rust and scale removal, plus heavy deburring.
- 3/8"-24 Spindle Thread
- Rear Exhaust
- Power: .4 hp (298 W)
- Speed: 20,000 RPM

+ Includes **90999** Depressed Center Wheel (24 grit), 2" diameter with 3/8" center hole.



52705

52705**3" (75 MM) DIA. RIGHT ANGLE DEPRESSED CENTER WHEEL GRINDER**

- For fast weld and stock removal, rust and scale removal, heavy deburring.
- 3/8"-24 Spindle Thread
- Geared, Rear Exhaust
- Power: .4 hp (298 W)
- Speed: 15,000 RPM

+ Includes **95848** Gear Oil and **95541** Gear Oil Gun.



54771

54771**.7 HP DEPRESSED CENTER WHEEL GRINDER**

- Model accepts optional 4" (100 mm) diameter Type 27 reinforced Depressed Center Wheels, with 3/8" (10 mm) center hole; wheel width of 1/8" to 1/4" (3 mm to 6 mm).
- Dual-wick lubrication system saturates gears with oil for increased performance, extended life and reduced downtime.
- Composite Housing, Right Angle
- Power: .7 hp (522 W)
- Speed: 12,000 RPM
- Non-Vacuum
- Rear Exhaust



52722

52722**1 HP CONE OR PLUG GRINDER**

- For cleaning metal, grinding and smoothing weld seams, removing imperfections before painting.
- Industrial applications in fabrication plants, welding shops, foundries, steel mills and shipyards.
- Straight-Line, Rear Exhaust
- 6" (150 mm) Extension
- Power: 1 hp (744 W)
- Speed: 20,000 RPM

+ Accepts optional Abrasive Cone or Plug Wheel, 1-1/4" diameter.



52380

52380**4" (100 MM) STRAIGHT-LINE TYPE 1 EXTENSION WHEEL GRINDER**

- For cleaning metal, grinding and smoothing weld seams, removing imperfections before painting.
- 6" (150 mm) Extension
- Standard cushioned grip enhances operator comfort and allows additional control.
- Power: 1 hp (744 W)
- Speed: 15,000 RPM



53532

53532**CONE OR PLUG GRINDER (DOUBLE EXTENSION)**

- Extension Grinders allow operator to extend into work pieces and reach lengthy distances.
- Extension length of 8-3/8" allows longer reach than competitive models!
- Constructed of steel for maximum durability.
- Power: 1 hp (744 W)
- Speed: 18,000 RPM

55500**.1 HP, STRAIGHT-LINE PENCIL GRINDER**

- High speed motor provides smooth chatter free fine finish and low run out.
- Low vibration and quiet operation minimizes operator fatigue.
- Power: 0.1 hp (75 W)
- Speed: 100,000 RPM
- Twin Turbine Air Motor



55500

+ Housing made of Nickel Plated Aluminum for high durability

52850**.1 HP, STRAIGHT-LINE VARIABLE SPEED PENCIL GRINDER**

- Offers precision deburring, finishing and engraving, with easily adjustable speed to suit each application.
- Power: 0.1 hp (75 W)
- Speed: 35,000-60,000 RPM



52850

+ High-Quality Air Line; 1/4" (6 mm) in diameter and 5 feet (1.5 m) in length.

PAINT SHOP TOOLS

57128

3" (75 MM) DIA.
DYNABUFFER

- Power: 0.2 hp (149 W)
- Speed: 12,000 RPM
- Vacuum
- Rear Exhaust

57126

DYNABUFFER RANDOM
ORBITAL POLISHER

- Ideal for use in Two-Step Polishing System.
- Excellent for buffing out sanding scratches.
- 3" (75 mm) Dia.
- Power: 0.16 hp (119 W)
- Speed: 10,000 RPM
- 14 mm Orbit



+ Throttle lever may be positioned for right or left hand operation.

**51400 / 51401**

3" (75 MM) DIA.
7° OFFSET ROTARY BUFFERS

- 7° offset ergonomic design for control and comfort.
- High torque planetary-gear air motor; muffler reduces sound level.
- Standard rotary action.
- Power: 0.4 hp (298 W)
- Rear Exhaust



+ Includes 50126 Hook-Face Pad, 90027 Terry Cloth Bonnet and 90028 Wool Buffing Bonnet.

51400

- Speed: 3,200 RPM

51401

- Speed: 5,000 RPM

53460

3" (75 MM) DIA. RIGHT
ANGLE ROTARY BUFFER

- For quick and easy spot repair on a variety of surfaces.
- Features high torque, variable speed air motor.
- Lubricated gears; rotary action.
- Power: 0.4 hp (298 W)
- Speed: 3,200 RPM
- Rear Exhaust



+ Includes 50122 Hook-Face Pad, 90027 Terry Cloth Bonnet and 90028 Wool Buffing Bonnet.

51396

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

- Planetary gear set is easily lubricated for extended tool life.
- Power: 1 hp (746 W)
- Speed: 2,800 RPM
- 5/8"-11 Male Thread
- Non-Vacuum
- Rear Exhaust

**49440**

3" (75 MM) DIA.
ANGLE-HEAD ROTARY BUFFER

- For repair of sanding scratches on clearcoat.
- 1/4"-20 Male Adapter Thread
- Rear exhaust, lever throttle, rotary action.
- Power: 0.4 hp (298 W)
- Speed: 3,200 RPM

**X125TR**

1-1/4" (32 MM) DIA.
MINI-DYNORBITAL® EXTREME
RANDOM ORBITAL SANDER

- Integrated speed control
- 1-1/4" pad size provides superior control when working on small parts like vehicle hoods, fenders and doors, side-view mirrors, spoilers & motorcycle parts.
- Power: 0.03 hp (23 W)
- Speed: 7,500 Maximum RPM
- Vinyl-Face, Locking-Type Pad



3/16" (5 MM)
DIA. ORBIT

57502

PALM-STYLE MINI-DYNORBITAL®
RANDOM ORBITAL SANDER

- Provides ultra-smooth finishes on wood and coated surfaces.
- Power: .08 hp (60 W)
- Speed: 7,500 RPM



3/16" (5 MM)
DIA. ORBIT

+ Excellent on metal and composites. Ideal for finesse sanding.

DN1

DYNABRADE NITRO SERIES®
PISTOL GRIP
MINI ORBITAL DENIBBER

- 1-1/4" (32 mm) Dia.
- Speed: 8,500 RPM
- Power: 0.02 hp (15 W)
- 1/8" (3 mm) Orbit



1/8" (3 MM) DIA. ORBIT
For Fine Sanding

CLEAN AIR SOLUTIONS

61421

MEGA-RAPTOR VAC® ELECTRIC PORTABLE VACUUM SYSTEM

- The Mega-Raptor Vac® is designed for dry collection in high-volume industrial applications.
- The substantial 20 gallon collection capacity extends time between bag changes enhancing overall operator productivity and is optimal for a two-operator workstation.
- Single and Dual operator settings assure ample lift and flow performance per operator.



Model No.	Acc. Outlet	Amp	Capacity	Power	Watts	Water Static Lift	Air Flow	Sound	Height	Width	Length	Plug
61421	No	15A	20 Gallon (75 Liter)	120V (60 Hz)	1,250	94" / 238 cm / 234 mbar	120 CFM (3,400 L/Min)	73 dB(A)	48" (1,219 mm)	27" (686 mm)	18" (457 mm)	

61467

RAPTOR VAC® DIVISION 1, PNEUMATIC PORTABLE VACUUM SYSTEM

- For use on metallic surfaces, such as aluminum, magnesium, titanium, commercial alloys.
- Designed for dry-only source capture, where fine dust must be recovered.
- Legally certified as explosion-proof and dust ignition-proof.
- Auto ON/OFF Included
- Silencer



Model No.	Capacity	Dust Recovery	Air Inlet Pressure PSIG (Bar)	Air Consumption	Water Static Lift	Air Flow	Sound	Shipping Weight	Height	Width	Length	Includes Hoses
61467	6.25 lb (24 Liter)	5 lb. (2.27 kg)	90 (6.2)	45 CFM (1,274 L/Min)	180" / 457 cm / 448 mbar	110 CFM (3,115 L/Min)	80 dB(A)	168 Lb (76 kg)	48" (1,219 mm)	22" (559 mm)	20" (508 mm)	Yes



64805

MINI-RAPTOR 2 M-CLASS VACUUM

- Compact shop friendly system easy to maneuver.
- High performance 1350 Watt electric motor, which produces a high-collection airflow of 161 CFM.
- Auto filter clean without interrupting operation.
- Wet/Dry vacuum and 4m Vacuum Hose with Integrated Airline
- 120V / 60Hz
- 10 Gal. (41 L) capacity



61447

DIVISION 2, PNEUMATIC AUTO ON/OFF

- 10 Gallon (38 Liter) Capacity
- Air Consumption: 45 SCFM (1,274 L/Min)
- Auto ON/OFF Included
- Water Static Lift: 170" / 432 cm / 423 mbar
- Air Flow: 110 CFM (3,114 L/Min)



61470

RAPTOR VAC® PNEUMATIC VACUUM - WALL-MOUNT STYLE

- Division 1 Location - Certified, N. America
- Stainless Steel, Conductive
- For use on metallic surfaces such as aluminum, magnesium, titanium, commercial alloys.
- Designed for dry-only source capture, where fine dust must be recovered.
- Single Operator



56303

DUST COLLECTION SYSTEM

- Has reusable cloth bag with zipper
- Includes 6' long flex-hose
- Bag measures 14-1/2" L x 7-1/2" W

ABRASIVES & ACCESSORIES



Part Number	Pad Diameter	Face Type	Vacuum Type	Thickness	Density	Spindle Thread	Max. RPM
56102	5" (125 mm)	Vinyl	Non-Vacuum	3/8" (10 mm)	Soft	5/16"- 24 Male	12,000
56104			Vacuum		Medium		
56106			Non-Vacuum		Medium		
56175			Non-Vacuum	5/8" (16 mm)	Medium		
56176			Vacuum		Medium		
56185			Non-Vacuum		Soft		

DYNACUT™ ORANGE PREMIUM FILM ABRASIVE DISCS



VACUUM HOOK & LOOP DISCS



Diameter	Grit	Holes	Part No.	Pkg/Qty
5" (125 mm)	80	51	91536	50
	120		91538	
	220		91541	
	320		91542	
	400		91543	
6" (150 mm)	80	67	91563	50
	120		91565	
	220		91568	
	320		91569	
	400		91570	

NON-VACUUM HOOK & LOOP DISCS



Diameter	Grit	Part No.	Pkg/Qty
5" (125 mm)	80	91545	50
	120	91547	
	220	91550	
	320	91551	
	400	91552	
6" (150 mm)	80	91572	50
	120	91574	
	220	91577	
	320	91578	
	400	91579	

NON-VACUUM PSA DISCS



Diameter	Grit	Part No.	Pkg/Qty
5" (127 mm)	80	91527	50
	120	91529	
	220	91532	
	320	91533	
	400	91534	
6" (152 mm)	80	91554	50
	120	91556	
	220	91559	
	320	91560	
	400	91561	

DYNASWIVEL® AIR LINE CONNECTORS NEVER FIGHT AN AIR TOOL AGAIN!

- Two pivot points that swivel 360° dropping air hose directly to floor.
- Improve tool maneuverability and minimize operator fatigue.
- **Composite** – non-marring construction
- **Aluminum and Stainless Steel** – durable metal construction
- **Flow Control** – finger-tip air-flow control dial



95461



94407



95734



	Part No.	Thread	Style	Air Flow
Composite	94300	1/4" NPT	Standard	up to 33 SCFM (935 LPM)
	94407		Flow Control	up to 46 SCFM (1,303 LPM)
Aluminum & Stainless Steel	95460	1/4" NPT	Standard	up to 25 SCFM (708 LPM)
	95461	3/8" NPT		up to 45 SCFM (1,275 LPM)
	95462	1/2" NPT		up to 65 SCFM (1,841 LPM)
	95734	1/4" NPT	Flow Control	up to 25 SCFM (708 LPM)

DYNABRADE AIR LUBE (10W/NR)

- Absorbs up to 10% of its weight in water.
- Prevents rust and formation of gum/sludge for longer tool operation with greater power and less downtime.



95821/95842

ULTRA GEAR GREASE

- For optimal Rebel 2.8 hp Series Performance
- Purge and re-grease gear case after 1,000 hours of operation.



96664

GREASE AND GREASE GUN

- Workable temperature range 0° – 300° F
- Multi-purpose grease for all types of bearings, cams, gears.

GEAR OIL AND OIL GUN

- For Dynabrade Wick Lube System
- Apply every 8 hours of operation.
- Push-type gun for one-hand operation.

Description	Part No.	Size
Dynabrade Air Lube (10W/NR)	95821	4 oz. (118 mL)
	95842	1 pt. (473 mL)
Gear Grease	95544	2.5 oz. (74 mL)
Application Gun	95541	-
Gear Oil	95848	2.5 oz. (74 mL)
Ultra Gear Grease	96664	45 g



95544



95541



95848

WE LISTEN. WE OBSERVE. WE INNOVATE.



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