



DYNORBITAL[®] EXTREME

RANDOM ORBITAL SANDER SERIES

NEW! from Dynabrade



EXTREME Power

EXTREME Comfort

EXTREME Performance

WE LISTEN. WE OBSERVE. WE OPTIMIZE.



DYNORBITAL[®] EXTREME

RANDOM ORBITAL SANDER SERIES

NEW! from
Dynabrade



EXTREME sanding in any application from Dynabrade, the premier random orbital solution provider.

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.

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

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.





12 MODELS AVAILABLE

Pad Diameter
5" (127 mm) or 6" (152 mm)

Orbit Diameter
3/16" (5 mm) or 3/32" (2.5 mm)

Source Capture
Non-Vacuum or Central Vacuum



3/16" DIA. ORBIT

General Sanding
Teal Throttle Lever



3/32" DIA. ORBIT

Ultra-Fine Sanding
Black Throttle Lever



LIFETIME WARRANTY

FEATURE	BENEFIT
1 RECESSED THROTTLE LEVER	<i>Eliminates pressure point on palm</i>
2 INTEGRATED COMFORT PLATFORM	<i>Provides enhanced ergonomic comfort</i>
3 COMFORT GRIP	<i>Tactile, ambidextrous design</i>
4 LIP SEAL SHROUD	<i>Allows excellent vacuum performance</i>
5 WEIGHT-MATED SANDING PAD	<i>For reduced vibration and consistent finishes</i>
6 INTEGRATED SWIVEL CUFF	<i>Secure, maneuverable vacuum connection</i>
7 INCREASED PORT SIZE	<i>For better vacuum capture rate</i>

IDEAL INDUSTRIES



TECH TIP

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

Model No.	Diameter	Pad Type	Orbit Dia.	Vacuum Type	RPM	Power	Sound	Max. Air Flow	Weight	Height	Length
X51	5" (127 mm)	PSA	3/16" (5 mm)	Non-Vacuum	12,000	0.3 hp (224 W)	74 dBA	19 SCFM (538 LPM)	1.78 lb (0.8 kg)	3.7" (95 mm)	9.1" (230 mm)
X51H		Hook-Face		Central Vacuum			73 dBA				
X51V		Hook-Face		Central Vacuum			74 dBA				
X52		PSA	3/32" (2.5 mm)	Non-Vacuum			73 dBA		1.74 lb (0.8 kg)		
X52H		Hook-Face		Central Vacuum			72 dBA				
X52V		Hook-Face		Central Vacuum			74 dBA		1.9 lb (0.9 kg)		
X61	6" (152 mm)	PSA	3/16" (5 mm)	Non-Vacuum	12,000	0.3 hp (224 W)	72 dBA	19 SCFM (538 LPM)	1.86 lb (0.8 kg)	3.7" (95 mm)	9.5" (242 mm)
X61H		Hook-Face		Central Vacuum			78 dBA				
X61V		Hook-Face		Central Vacuum			73 dBA				
X62		PSA	3/32" (2.5 mm)	Non-Vacuum			73 dBA		1.82 lb (0.8 kg)		
X62H		Hook-Face		Central Vacuum			75 dBA				
X62V		Hook-Face		Central Vacuum			73 dBA		1.98 lb (0.9 kg)		

Additional Specifications Air Inlet - 1/4" NPT | Air Hose I.D. - 1/4" (6 mm) | Air Pressure - 90 PSIG (6.2 Bar)

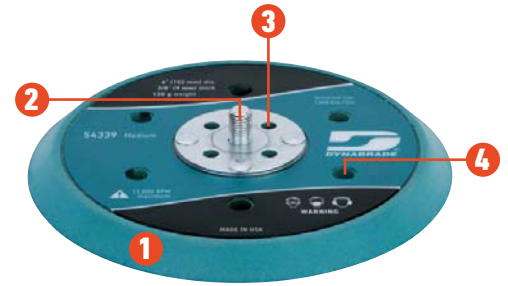
For the most current tool specifications, visit dynabrade.com

EXTREME SANDING PADS

PREMIUM URETHANE - MEDIUM DENSITY

Perfectly Weight-Mated for EXTREME Finishes the First Time

FEATURE	BENEFIT
1 WEIGHT-MATED	For reduced vibration and consistent finishes
2 SINGLE-PIECE HUB	Precise machining reduces pad vibration
3 VACUUM HUB	Direct path for dust/debris extraction
4 MULTI-HOLE PAD	Channels dust/debris to center for best capture



Diameter	Vacuum Type	Holes	Hook-Face	Vinyl-Face	Thickness	Thread
5" (127 mm)	Vacuum	5	54334	—	3/8" (10 mm)	5/16"-24
	Non-Vacuum	—	54325T	56106T		
6" (152 mm)	Vacuum	6	54339	—		
	Non-Vacuum	—	54327T	56107T		



Vacuum
Hook-Face



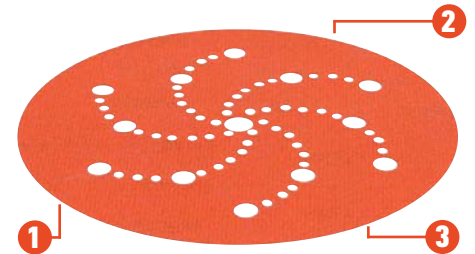
Non-Vacuum
Hook-Face & PSA

DYNACUT EXTREME ORANGE

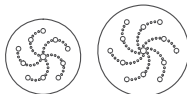
PREMIUM FILM ABRASIVE DISCS

EXTREME Orange is the Best Choice for All Materials and Surfaces

FEATURE	BENEFIT
1 PREMIUM P-GRADE ALUMINUM OXIDE	Aggressive cutting for greater removal and longer life
2 3 MIL FILM BACKING	Durable, flat backing for consistent finishes
3 CLOG-FREE COATING	Resists loading and will not transfer color



VACUUM HOOK & LOOP DISCS



Diameter	Grit	Holes	Part No.	Pkg/Qty
5" (127 mm)	60	51	91535	50
	80		91536	
	100		91537	
	120		91538	
	150		91539	
	180		91540	
	220		91541	
	320		91542	
	400		91543	
6" (152 mm)	60	67	91562	50
	80		91563	
	100		91564	
	120		91565	
	150		91566	
	180		91567	
	220		91568	
	320		91569	
	400		91570	

NON-VACUUM HOOK & LOOP DISCS



Diameter	Grit	Part No.	Pkg/Qty
5" (127 mm)	60	91544	50
	80	91545	
	100	91546	
	120	91547	
	150	91548	
	180	91549	
	220	91550	
	320	91551	
	400	91552	
6" (152 mm)	60	91571	50
	80	91572	
	100	91573	
	120	91574	
	150	91575	
	180	91576	
	220	91577	
	320	91578	
	400	91579	

NON-VACUUM PSA DISCS



Diameter	Grit	Part No.	Pkg/Qty
5" (127 mm)	60	91526	50
	80	91527	
	100	91528	
	120	91529	
	150	91530	
	180	91531	
	220	91532	
	320	91533	
	400	91534	
6" (152 mm)	60	91553	50
	80	91554	
	100	91555	
	120	91556	
	150	91557	
	180	91558	
	220	91559	
	320	91560	
	400	91561	

EXTREME VACUUM SYSTEM

COMPLETE SANDING SOLUTIONS FOR ALL INDUSTRIES

DYNORBITAL® EXTREME

High-performance sanding coupled with best-in-class vacuum pickup



EXTREME SANDING PAD

All new channel design for use with vacuums and multi-hole abrasives



DYNACUT EXTREME ORANGE

Unique sawtooth spiral vacuum pattern for maximum dust/debris extraction



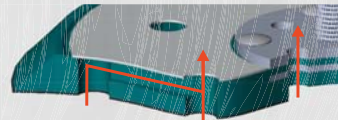
RAPTOR VAC® VACUUM SYSTEMS

(2) 20' (6 M) coaxial hose with integrated air line, y-inlet, coupler, vacuum hose swivel adapter and (2) disposable bags



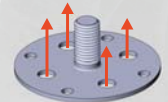
Threaded Swivel Cuff

Prevents vacuum hose from "popping" off.



Internal-Channel Vacuum Pad

Dust/debris migrates to pad's center where pick-up is greatest.



Vacuum Hub

(4) holes for pad center dust/debris extraction.



Sawtooth Spiral

Center hole and positive flow of sawtooth spiral moves dust/debris to center of the disc where vacuum pick-up is greatest.



Self-Cleaning HEPA Filtration

Automatic filter-blast every 40 seconds ensures optimal particle flow and capture. HEPA filtration keeps your work environment clean and safe.

RAPTOR VAC® VACUUM SYSTEMS

PORTABLE SOURCE CAPTURE SOLUTIONS

Connect with Raptor Vac® Vacuum Systems for EXTREME Capture

Raptor Vac® Vacuum Systems are designed for specific environments and source capture requirements. Each vacuum system is available in pneumatic or electric motor configurations. Division 1 & 2 certified explosion-proof systems are available to safely recover combustible dust.



M-Class



WE LISTEN. WE OBSERVE. WE OPTIMIZE.

EXTREME VACUUM ACCESSORIES FOR CONNECTION TO ANY VACUUM SETUP



CONDUCTIVE WHIP HOSE

31917 6 Ft (2 M)

- 1" (25 mm) dia. vacuum hose with 31916 Swivel Cuff for attachment to our standard Raptor Vac® 1-1/4" (32 mm) dia. hose
- 5/16" (8 mm) dia. air line with (2) 1/4" male fittings, 1/4" female Mega Flow Plug and protected by a braided hose sleeve



VACUUM HOSE ADAPTOR ASSEMBLY

31935

- 1" (25 mm) direct tool connection to 1-1/4" (32 mm) vacuum hose
- 31916 Swivel Cuff and 1" (25 mm) dia. conductive vacuum hose piece



VACUUM HOSE SWIVEL ADAPTOR

96572 1" (25 mm) to 1" (25 mm)

96573 1" (25 mm) to 1-1/4" (32 mm)

- For slip-fit connection to vacuum hose assembly cuffs

DYNABRADE MAINTENANCE PRODUCTS FOR OPTIMAL SANDER PERFORMANCE



FILTER-REGULATOR-LUBRICATOR

10690 1/2" NPT

- Max. 106 SCFM (3,002 LPM)
- 3/8" NPT reducer bushings for 3/8" air systems
- Adjustable oil drip rate
- 5 micron filter



DYNABRADE AIR LUBE

95842 1 Pint

- 10W/NR, absorbs up to 10% of its weight in water
- Specifically formulated for Dynabrade air tools



DROP-IN MOTOR

- Quick motor replacement, for "less down time"

Pad Dia.	Orbit Dia.	Part No.
5" (127 mm)	3/16" (5 mm) 3/32" (2.5 mm)	69480 69481
6" (152 mm)	3/16" (5 mm) 3/32" (2.5 mm)	69482 69483



MOTOR TUNE-UP KIT

96576

- Maintain your motor at peak performance
- Includes most wearable parts

dynabrade.com



DYNORBITAL® EXTREME D17-03

PROUDLY DESIGNED, ENGINEERED, AND BUILT IN AMERICA SINCE 1969

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