



METALWORKING

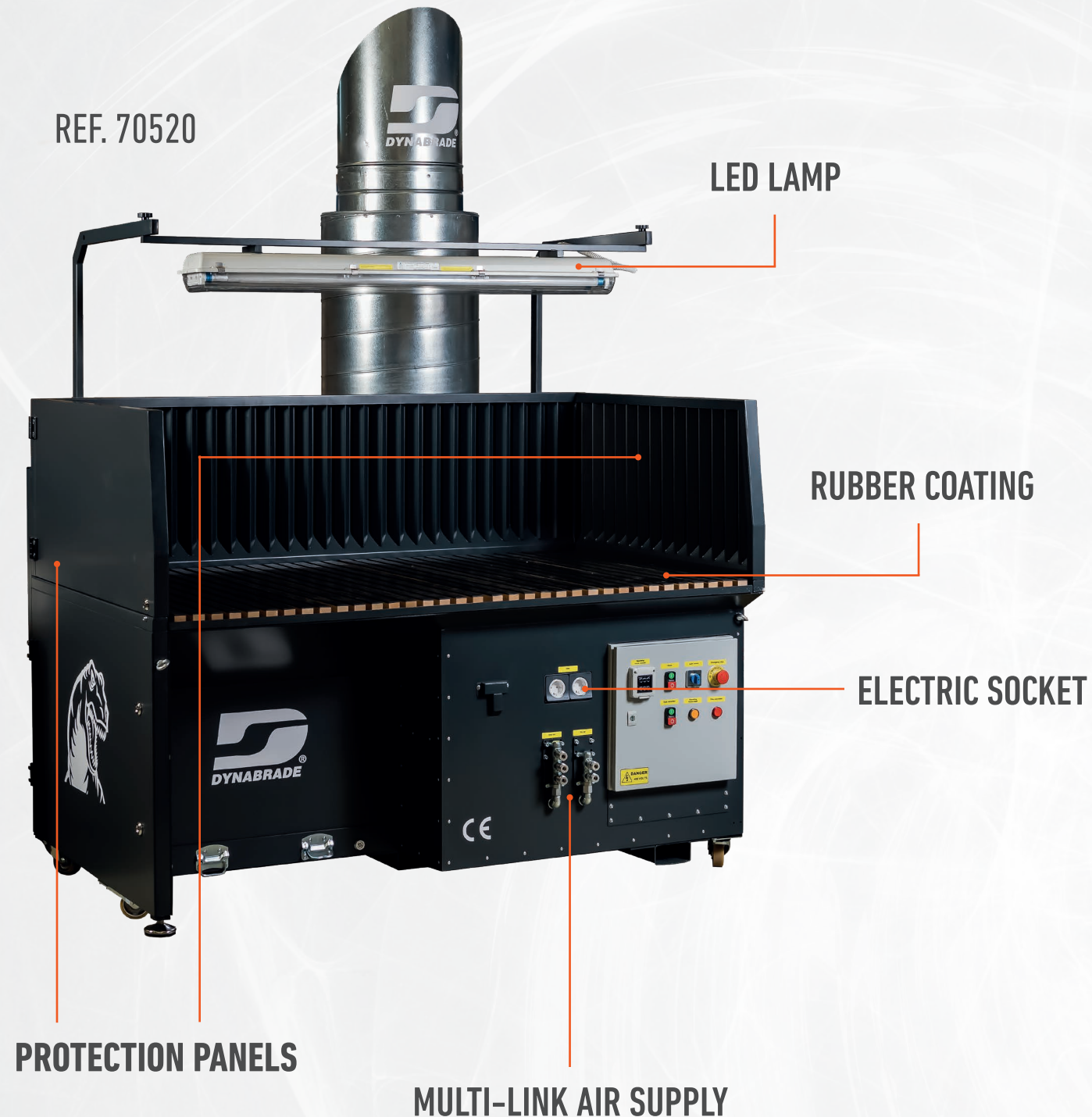
DYNABRADE PRODUCT LINE



WE LISTEN. WE OBSERVE. WE OPTIMIZE.

NEW Metal Capture Downdraft Table

M-CLASS



FEATURES AND BENEFITS:

- Possible customization
- Easy operation
- Removal of high dust concentrations from the work area
- Welding fume extraction (optional)
- Mobility - easy to move with a forklift and also by human force
- HEPA 13 Cartridge Filter
- Air filtration
- Wood Slats Work Surface (standard)
- Operating Hours Counter
- Safety Regulation System (electric or pneumatic supply is activated once the dust extraction is ON)
- Self-Cleaning system of the Cartridge Filter
- Explosion Proof Motor (Category 3 for ATEX Zone 22) which makes the unit eligible for Aluminum Dust Collection
- **Not for use in Explosive Atmosphere**

TARGET MARKETS:

- Metal Industry
- Aluminum Industry
- Aerospace
- Windmill

TARGET APPLICATIONS:

- Metal Grinding/Sanding
- Aluminum Grinding/Sanding
- Carbon Steel
- Composite Sanding
(see with local authorities)

Completing the Dynabrade clean air offering, this unique metal capture downdraft table is a perfect system for dust extraction from aluminum casting, carbon steel and precious metals.

Equipped with an Anti-static HEPA 13 filter cartridge (filter range 0.2 micron), it also has an explosion-proof and ATEX compliant Motor (category 3 – zone 22) to ensure the highest safety standards and a perfect ergonomic to the operators.



Since 50 years, Dynabrade has earned a reputation for excellence and a position of leadership in the innovative design and manufacturing of unique portable pneumatic abrasive power tools, related accessories, and dust collection. With our total systems solutions offerings, we are able to meet the specific needs of many industries. Our products are used in a variety of applications on nearly any material that requires surface preparation and finishing. We are easy-to-do business with and supply these products quickly to customers through a worldwide network of professional distributors.

WE LISTEN. WE OBSERVE. WE OPTIMIZE.

DYNABRADE EUROPE

Established in 1989, Dynabrade Europe is the Luxembourg-based office for Europe, Middle East and Africa (**more than 77 countries**) providing Sales, Marketing, Customer Service, Warehousing and Repair services for the Dynabrade product range.



Dynabrade Customer Service in Europe is capable to respond to any request in more than **10 different languages**

THE DYNABRADE DIFFERENCE

TOOLS & PROCESS SOLUTIONS



INDUSTRY APPLICATION EXPERTS

Our experts optimize abrasive specialty applications applying 50 years of hands-on, industry-specific experience and data, improving productivity and/or surface finishes.

INDUSTRIES

- AEROSPACE & DEFENSE**
- AUTOMOTIVE OEM AND TIER1**
- MARINE & SHIPYARD**
- WELDING**
- WIND ENERGY**
- WOODWORKING**
- METALWORKING**
- AUTOMOTIVE AFTERMARKET**

SURFACES

Our tools & solutions are developed to be used on a variety of Materials : **stainless steel, wood, fiberglass, aluminum, cast iron, non-ferrous metals, exotic metals, glass, ceramics, stone, composites and more!**

PRODUCTS

The product range includes a wide variety of tools for different surface preparation & finishing applications

POWER TOOLS (AIR & ELECTRIC) – 1200+ MODELS

- Abrasive Belt and Finishing Tools
- Random Orbital Sanders
- General Purpose Tools

DUST COLLECTION & DOWNDRAFT TABLES – 50+ MODELS

- Dry Vacuums
- Downdraft Tables & Stations
- Wet Filtration
- Air & Electric Portable Vacuums

STATIONARY MACHINES

- Grinding
- Superfinishing

ABRASIVES – 1250+ PRODUCTS

- Full Line of Specialty Abrasives & Compounds

ACCESSORIES

- All the necessary items to run & maintain your Dynabrade tools such as back-up pads, contact arms, etc...

EASY-TO-DO-BUSINESS



TRUST

Our customers and channel partners trust us, resulting in strong, lasting and mutually beneficial relationships.

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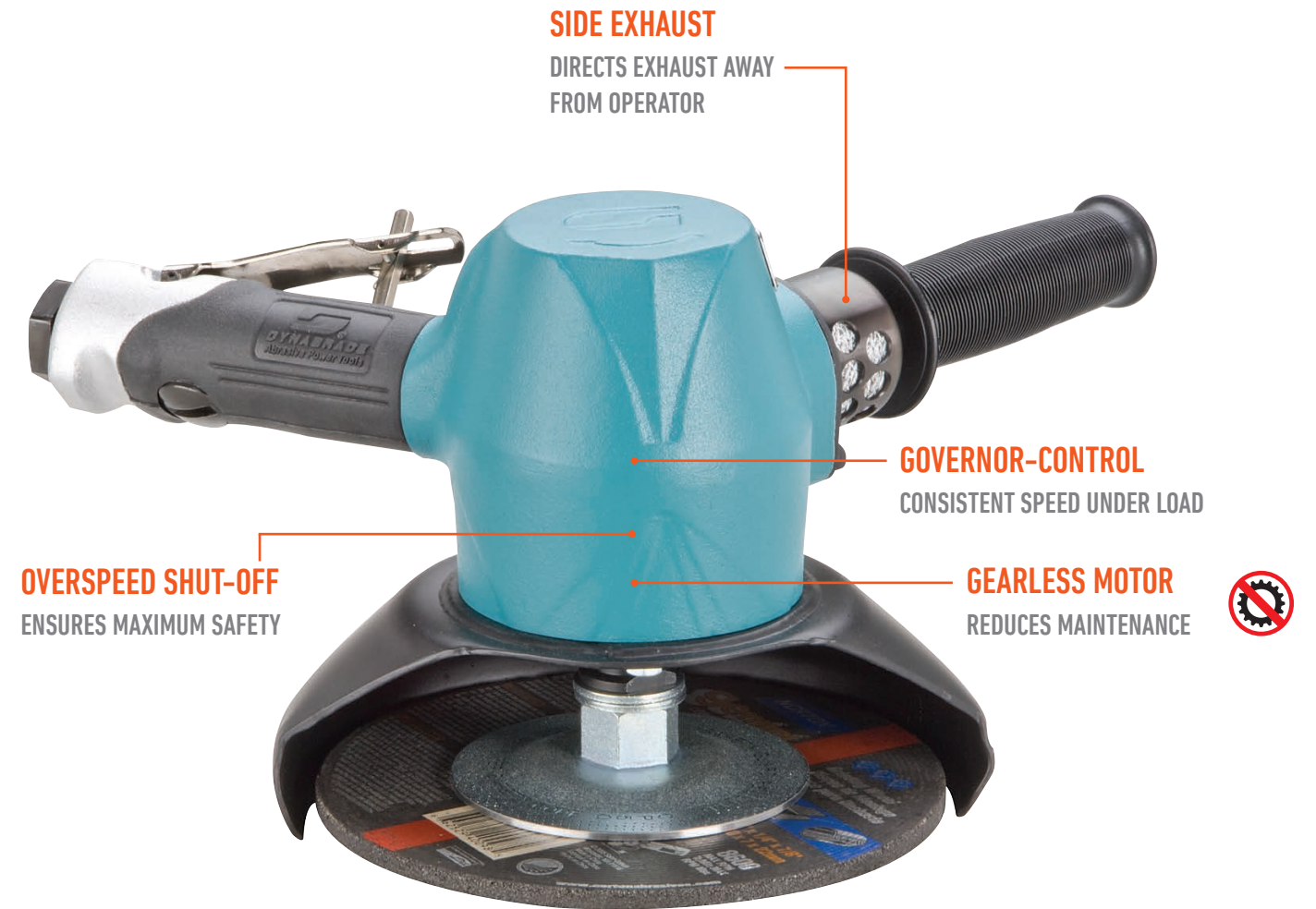
ACCESSORIES & ABRASIVES

45-58



3 hp & 2 hp Vertical Tool Series

Dynabrade 2 and 3 hp Vertical Grinders and Disc Sanders provide fast material removal when preparing to weld or removing an existing weld. Governor controlled motors ensure our tools maintain their speed under load - allowing operators to get more work done with less effort!



Weld Preparation and Removal

The tools contained in the following pages have been identified as Dynabrade's top performing air tools for weld preparation and removal applications. Consistent speed and power are critical factors to consider when selecting an air tool. Dynabrade manufactures powerful tools that maintain speed and will allow a welder to quickly prepare the work surface or remove a poor or damaged weld.

One step in ensuring the strength of a weld is to start with a "clean" surface that is free of coatings, rust or other debris. Dynabrade air tools prepare an edge for welding in three main ways: Grinding, Sanding & Peening. The term "Grinder" refers to many different tools that accomplish similar tasks. Dynabrade manufactures a variety of "Grinders" that typically accept bonded and coated abrasive discs, but can also utilize non-woven abrasives and wire products. The following section of the Welding Catalog will focus on Depressed Center Wheel Grinders, Die Grinders, Disc Sanders & Peening machines typically found in the first stages of the welding process.



7" (180 mm) & 9" (230 mm) Depressed Center Wheel Grinders

7" Diameter (180 mm) – accepts Type 27 Reinforced Depressed Center Wheels with 5/8" center hole and wheel widths of 1/8"–1/4".

9" Diameter (230 mm) – accepts Type 27 Reinforced Depressed Center Wheels with 5/8" center hole and wheel widths of 1/8"–1/4".



7" (180 mm) Disc Sander

7" (180 mm) Diameter – includes Backing Pad (50283), accepts abrasive discs with 7/8" center hole, sold separately.

3 hp & 2 hp Vertical Tool Series (continued)

WELD PREPARATION
& REMOVAL



	Model No.	RPM	Power	Diameter	Sound	Max. Air Flow	Weight	Height	Length	Spindle	Air Inlet
Depressed Center Wheel Grinders	53249	6.000	3 hp (2,237 W)	9" (230 mm)	85 dB(A)	87 SCFM (2,464 LPM)	11.4 lb (5,2 kg)	7.2" (182 mm)	9.5" (241 mm)	5/8"-11	1/2" NPT
	53242	6.000		7"	83 dB(A)	89 SCFM (2,520 LPM)	9.8 lb (4,4 kg)	7" (179 mm)			
	53244	7.200		(180 mm)	84 dB(A)	98 SCFM (2,775 LPM)					
	53245	8.500			85 dB(A)	97 SCFM (2,747 LPM)					
	53232	6.000	2 hp (1,491 W)	7"	84 dB(A)	80 SCFM (2,265 LPM)	9.2 lb (4,2 kg)	6.5" (166 mm)			
	53234	7.200		(180 mm)	80 dB(A)	81 SCFM (2,294 LPM)					
53235	8.500			82 dB(A)							
Disc Sanders	53261	6.000	3 hp (2,237 W)	7"	87 dB(A)	89 SCFM (2,520 LPM)	8.6 lb (3,9 kg)	6.3" (160 mm)	9.4" (240 mm)	5/8"-11	1/2" NPT
	53262	7.200		(180 mm)	82 dB(A)	98 SCFM (2,775 LPM)					
	53263	8.500			97 SCFM (2,747 LPM)						
	53251	6.000	2 hp (1,491 W)	7"	78 dB(A)	80 SCFM (2,265 LPM)	7.9 lb (3,6 kg)	5.8" (148 mm)			
	53252	7.200		(180 mm)	82 dB(A)	87 SCFM (2,464 LPM)					
	53253	8.500			88 dB(A)	84 SCFM (2,379 LPM)					

Additional Specifications : Air Hose I.D. - 1/2" (13 mm) | Air Pressure - 90 PSIG (6.2 Bar)

For the most current tool specifications, visit dynabrade.com

Rebel 2.8 hp Series

WELD PREPARATION
& REMOVAL

Rebel 2.8 hp series grinders and sanders are powerful tools designed to overcome the challenges of heavy duty industrial applications. Grind through heavy welds, rapidly remove parting lines or cut & grind through large gates with the most powerful right angle grinder or sander from Dynabrade, the Rebel 2.8 hp series.

Durability has been elevated to a new level; with 1,000+ hours of use between recommended maintenance, the Rebel 2.8 hp is a tool to depend upon. Industrial applications can be optimized using a variety of abrasives with an assortment of attachment options. Dynabrade has engineered optional guards, flanges, and backing pad configurations that make abrasive compatibility with the Rebel 2.8 hp series easy!



Power

- The best rotor & vane style motor power-to-weight ratio in the industry (Grinders 2.8 hp at 7.3 lbs. & Sanders 2.8 hp at 6.2 lbs).
- Governor-controlled motor maintains consistent power in demanding applications.

Durability

- Sealed gear case with ultra high-performance gear grease.
- 1,000+ hours between recommended maintenance
- Cast aluminum motor housing

Compatibility

- Work with fiber discs, layered flap discs, type 27, 28, 29 or 42 abrasives using guard and flange recommendations.
- Adjustable guard & vibration dampening handle allow for left or right-handed use.

Rebel 2.8 hp Series

WELD PREPARATION & REMOVAL

Serie Rebel 2.8 hp Series - Grinders

WELD PREPARATION & REMOVAL

10° OFFSET HANDLE
PROMOTES NATURAL HAND & WRIST POSITION

GOVERNOR-CONTROLLED MOTOR
PROVIDES CONSISTENT POWER UNDER LOAD

SEALED GEAR CASE
PROTECTS GEARS & REDUCES MAINTENANCE

SPINDLE LOCK
FAST, EASY ABRASIVE CHANGES

SAFETY-LOCK THROTTLE LEVER
PREVENTS ACCIDENTAL STARTUP

AUTOBALANCER (MODEL SPECIFIC)
FOR REDUCED VIBRATION

Ultra Gear Grease 96664
- High-performance grease
- Purge and re-grease gear case after 1,000 hours of operation

Rebel 2.8 hp grinders are the most advantageous choice for demanding, high-torque grinding applications. Where some tools grind to a halt, the Rebel 2.8 hp grinder refuses to yield to the rigors of a fast-paced production environment.



7" (180 mm) Grinder



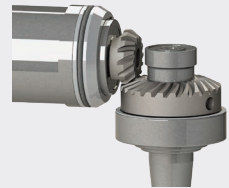
9" (230 mm) Grinder

Each model includes safety guard, spanner wrench and open end wrench. Abrasive shown are sold separately.



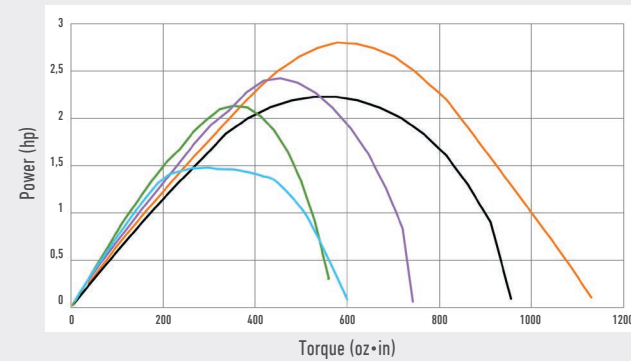
Spiral Beveled Gears

- Specifically matched to ensure even wear.
- Sealed gear case with high-performance grease for 1,000+ hours of typical usage before recommended maintenance



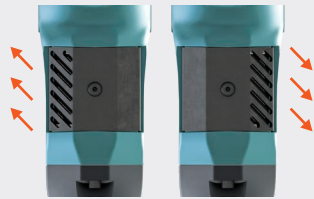
Best-In-Class Torque Design

Competitive Comparison - 6.500 RPM Grinder



Adjustable Muffler

- Directs exhaust away from operator
- Muffler cover can be positioned for left or right-handed operators.



Multi-Position Guard

- Rotates 67° from center for operator protection and improved sightlines
- 5 screws safely secure guard



Motor Tune-Up Kit

96644

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



Standard Height Guard

Included with tool



- 54918:** 7" (180 mm) diameter, Type 27 & 42 bonded wheels, Type 27 & 29 flap discs, Type 27 stripping discs
- 54919:** 9" (230 mm) diameter, Type 27 & 42 bonded wheels

High Profile Guard

Allows for safe use of Type 27 flap and stripping discs



- 54920:** 7" (180 mm) diameter, Type 27 & 29 disposal hub flap discs
- 54921:** 9" (230 mm) diameter, Type 27 stripping wheels

Model No.	Diameter	Autobalancer	RPM	Power	Sound	Max. Air Flow	Air Pressure	Spindle	Weight	Height	Length
*53280	180 mm	—	8.500	2.8 hp (2,100 W)	87 dB(A)	115 SCFM (3,256 LPM)	90 PSIG (6.2 Bar)	5/8"-11	6.2 lb (2.8 kg)	4.1" (107 mm)	13.4" (340 mm)
53281		Yes							6.5 lb (2.9 kg)		
*53282	230 mm	—	6.500	2.8 hp (2,100 W)	87 dB(A)	115 SCFM (3,256 LPM)	90 PSIG (6.2 Bar)	5/8"-11	6.5 lb (2.9 kg)	4.1" (107 mm)	340 mm
53283		Yes							6.8 lb (3.1 kg)		

Additional Specifications: Air Inlet - 1/2" NPT | Air Hose I.D. - 1/2" (13 mm)
* Only available in the USA

For the most current tool specifications, visit dynabrade.com

Serie Rebel 2.8 hp Series - Sanders

Rebel 2.8 hp disc sanders are the most desirable tool choice in sizable preparation, blending and MRO applications. Having a lower profile and even weight distribution improves sightlines and increase maneuverability for operators.



7" (180 mm) Sander



9" (230 mm) Sander

Each model includes spiral face thermoplastic back-up pad, spanner wrench. Abrasives shown are sold separately.



BACK-UP FLANGE

54980 5/8"-11 Thread

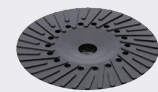
- For use with Type 27 & Type 27/42 bonded abrasives
- Standard on grinders 53280 & 53282



LOW PROFILE BACK-UP FLANGE

54981 5/8"-11 Thread

- For use with type 27 & 29 abrasive flap discs



Spiral Face Back-Up Pad

Forms air-flow channels with spiral ribs to extend disc life

- 51151 - 7" (180 mm) diameter, Thermoplastic, medium density
- 50283 - 7" (180 mm) diameter, Rubber Molded, medium density
- 50914 - 9" (230 mm) diameter, Thermoplastic, medium density



Radial Rib Back-Up Pad

Expel heat from pad with fins

- 50297 - 7" (180 mm) diameter, Thermoplastic, hard density



WELD PREPARATION & REMOVAL

1.3 hp Right Angle Tool Series

Dynabrade 1.3 hp series of Grinders & Sanders deliver impressive power in a small package! We pride ourselves in this tool's ability to remove coatings, prepare edges for fresh welds or to level an existing weld. Accepts a wide variety of abrasives like Type 27 bonded products, fiber discs and layered flap discs depending on your application needs.



360° ROTATIONAL EXHAUST
DIRECT EXHAUST AWAY FROM OPERATOR

CAST ALUMINUM HOUSING
LIGHTWEIGHT & DURABLE FOR EXTENDED USE

WICK LUBE SYSTEM
EXTENDED GEAR LIFE

SPINDLE LOCK
EASY ACCESSORY CHANGE



Wick Lube System

Each tool includes Gear Oil and Oil Gun. Apply after every 8 hours of use.

- 95848 Gear Oil
- 95541 Oil Gun

5" (125 mm), 4-1/2" (115 mm) and 4" (100 mm) Depressed Center Wheel Grinders

5" & 4-1/2" (125 & 115 mm) Diameter - accepts Type 27 Reinforced Depressed Center Wheels and Abrasive Flap Discs (flanging sold separately) with 7/8" (22 mm) center hole and wheel widths of 1/8"-1/4" (3-6 mm).

4" (100 mm) Diameter - accepts Type 27 Reinforced Depressed Center Wheels with 5/8" (16 mm) center hole and wheel widths of 1/8"-1/4" (3-6 mm).

7" (180 mm) - 4" (100 mm) Disc Sanders

- 7" (180 mm) Diameter - incl. Backing Pad (51121) and flange.
- 5" (125 mm) Diameter - incl. Backing Pad (51150), plus mounting hardware.
- 4-1/2" (115 mm) Diameter - incl. Backing Pad (51148), plus mounting hardware.
- 4" (100 mm) Diameter - incl. locking-type Backing Pad (50192)

Model No.	Diameter	Autobalancer	RPM	Power	Sound	Max. Air Flow	Air Pressure	Spindle	Weight	Height	Length
*53270	7"	-	8.500	2.8 hp (2.100 W)	87 dB(A)	115 SCFM (3.256 LPM)	90 PSIG (6.2 bar)	5/8"-11	6.2 lb (2,8 kg)	4.1" (107 mm)	13.4" (340 mm)
53271	(180 mm)	Yes							6.5 lb (2,9 kg)	4.6" (117 mm)	
*53272	9"	-	6.500	2.8 hp (2.100 W)	87 dB(A)	115 SCFM (3.256 LPM)	90 PSIG (6.2 bar)	5/8"-11	6.5 lb (2,9 kg)	4.1" (107 mm)	13.4" (340 mm)
53273	(230 mm)	Yes							6.8 lb (3,1 kg)	4.6" (117 mm)	

Additional Specifications: Air Inlet - 1/2" NPT | Air Hose I.D. - 1/2" (13 mm)
* Only available in the USA

For the most current tool specifications, visit dynabrade.com

	Model No.	Diameter	RPM	Power	Sound	Max. Air Flow	Weight	Height	Length	Spindle	Air Inlet	
Depressed Center Wheel Grinders	52633	5" (125 mm)	12.000	1.3 hp (970 W)	78 dB(A)	41 SCFM (1.161 LPM)	5.4 lb (2.5 kg)	3.8" (96 mm)	10" (255 mm)	5/8"-11	3/8" NPT	
	52639	5" (125 mm)			80 dB(A)		5.1 lb (2.3 kg)			M14x2		
	52632	4.5" (115 mm)			78 dB(A)		5.1 lb (2.3 kg)	5/8"-11				
Disc Sanders	52630	4" (100 mm)	13.500	1.3 hp (970 W)	83 dB(A)	42 SCFM (1.189 LPM)	4.8 lb (2.2 kg)	3.4" (86 mm)	10" (255 mm)	3/8"-24	3/8" NPT	
	52657	7" (180 mm)	6.000		76 dB(A)		4.5 lb (2,0 kg)	3.6" (90 mm)		5/8"-11		
	52802	7" (180 mm)	7.200		77 dB(A)		4.5 lb (2,0 kg)	3.3" (84 mm)		5/8"-11		
	53868	7" (180 mm)	8.500		77 dB(A)							
	52635	5" (125 mm)	12.000		1.3 hp (970 W)		78 dB(A)	4.5 lb (2,0 kg)		3.3" (84 mm)		5/8"-11
	52634	4-1/2" (115 mm)										
52631	4" (100 mm)	4.3 lb (1.9 kg)		3/8"-24								

Additional Specifications: Air Hose I.D. - 3/8" (10 mm) | Air Pressure - 90 PSIG (6.2 Bar)

For the most current tool specifications, visit dynabrade.com

1 hp Straight-Line – Die Grinders & Grinders

WELD PREPARATION & REMOVAL

WELD PREPARATION & REMOVAL

Dynabrade Die Grinders offer a wide range of speeds to suit our end users' abrasive selection. Operators can choose a planetary geared model for slow speed high torque applications or governor-controlled, gearless models for where consistent speed under load is key.

LIGHTWEIGHT, THERMAL INSULATED HOUSING

PREVENTS COLD AIR TRANSFER



MULTIPLE COLLET SIZES ACCEPTS WIDE VARIETY OF ABRASIVES

REAR EXHAUST WITH BUILT-IN SILENCER

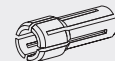
GOVERNOR-CONTROL CONSISTENT SPEED UNDER LOAD

Die Grinders - Gearless



Gearless motors have fewer moving, wearable parts which reduce maintenance and downtime in your process. At Dynabrade we use a governor to aid the motor in maintaining speed under load. Consistent speed leads to efficient use of abrasives and increased productivity! Operators experience an ergonomic tool with less sound and vibration when using a gearless tool.

Collet Inserts (Die Grinders)



All Die Grinder models include 1/4" and 6 mm inserts. Collet design also allows for optional 3/8" (8mm) insert.



Die Grinders



Governor-controlled motor speed is ideal for use with carbide burs that need consistent speed to prevent clogging.

All models include both 1/4" and 6 mm collet inserts. 3/8" collet insert is available upon request.



Cone & Plug Grinders

Ideal for smoothing weld seams, cleaning castings and preparing surfaces for plating or painting.

Standard Models: Compact, ergonomic design.

6" (150 mm) Extension Models: Allows longer reach on work piece, plus two-hand control for added operator comfort.



	Model No.	RPM	Housing	Power	Sound	Max. Air Flow	Weight	Height	Length	Spindle	Air Inlet
Die Grinders	52665	9,000	Standard	1 hp (744 W)	73 dB(A)	30 SCFM (850 LPM)	2.1 lb (1,0 kg)	1.9" (48 mm)	10" (253 mm)	-	3/8" NPT
	52666	12,000			74 dB(A)				10" (253 mm)		
	52667	15,000			73 dB(A)				10" (253 mm)		
	52668	18,000			79 dB(A)				10" (253 mm)		
	52669	20,000			77 dB(A)				10" (253 mm)		
Cone & Plug Grinders	52715	12,000	Standard	1 hp (744 W)	74 dB(A)	19 SCFM (538 LPM)	2.0 lb (0,9 kg)	3.6" (90 mm)	7.8" (198 mm)	3/8"-24	3/8" NPT
	52717	18,000			79 dB(A)				8.8" (225 mm)		
	52718	20,000			77 dB(A)				8.8" (225 mm)		
	52719	12,000	Extended	1 hp (744 W)	74 dB(A)	19 SCFM (538 LPM)	3.3 lb (1,5 kg)	3.3" (84 mm)	13.3" (335 mm)		
	52721	18,000			79 dB(A)				14.4" (365 mm)		
	52722	20,000			77 dB(A)				14.4" (365 mm)		
	53531	18,000			75 dB(A)				40 SCFM (1,161 LPM)		

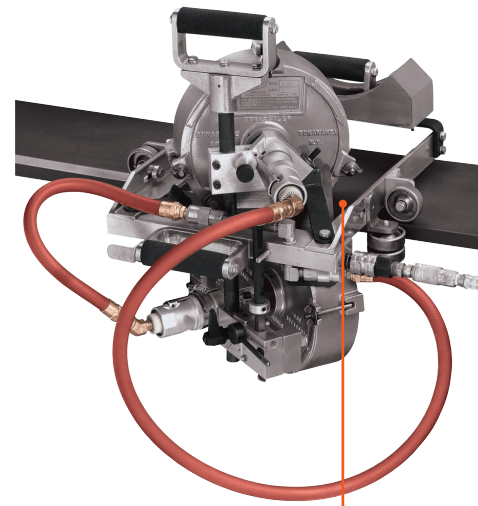
Additional Specifications : Air Hose I.D. - 3/8" (10 mm) | Air Pressure - 90 PSIG (6.2 Bar)

For the most current tool specifications, visit dynabrade.com

Dynascalers – Descaling and Preparation Tools

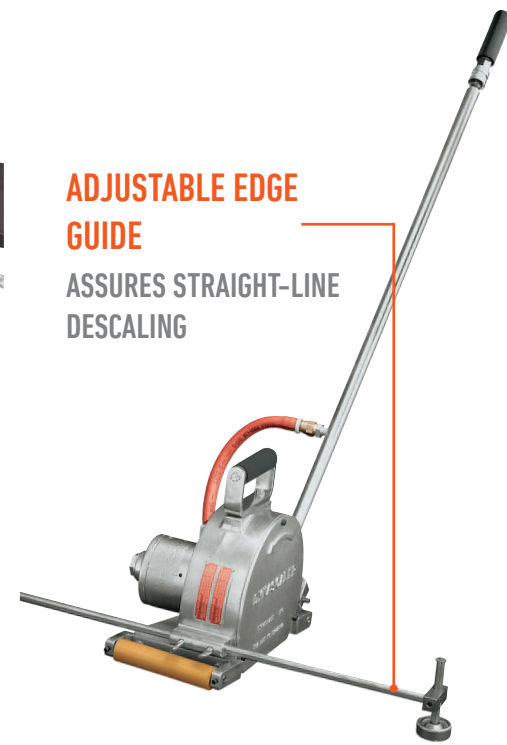
Dynascalers are available in Hand-Held, Over-Under and Floor models and use a peening action to prepare the work surface for welds. Dynascalers are perfect for rust, scale, paint and other coating removal while maintaining the original dimensions of the weld piece.

STRAIGHT-LINE
FOR WORK
INSIDE A TANK



OVER-UNDER
SIMULTANEOUS TWO SIDED
SCALE REMOVAL

**ADJUSTABLE EDGE
GUIDE**
ASSURES STRAIGHT-LINE
DESCALING



Hand-Held

Six-slot hub for use with DynaPeen flap assemblies.
30304: for 2" (50 mm) wide work on inside cylinders.
30336 & 30337: for 2" (50 mm) wide work on flat surfaces.

Over-Under

Two twenty-slot hubs for use with DynaPeen flap assemblies. Dual motor allows for top and bottom cleaning of 1" (25 mm) from edge.
30200: for 1" (25 mm) wide work.

Floor

Twenty-slot hub for use with DynaPeen flap assemblies.
30303: for 2" (50 mm) wide work.
31600: for 3" (75 mm) wide work.

	Model No.	Free Speed	Load Speed	Power	Sound	Max. Air Flow	Spindle	Weight	Height	Length
Hand-Held	30304	3,400 RPM	2,400 RPM	.7 hp (522 W)	92 dB(A)	38 SCFM (1,076 LPM)	1/2"-20	6.2 lb (2.8 kg)	8.8" (222 mm)	11.8" (298 mm)
	92 dB(A)				8.3" (210 mm)					
	30337	3,100 RPM	1,950 RPM	94 dB(A)	6.5 lb (2.9 kg)	8.3" (210 mm)				
Over-Under	30200	3,400 RPM	2,100 RPM	.7 hp (522 W)	94 dB(A)	38 SCFM (1,076 LPM)	1/2"-20	33.2 lb (15 kg)	10.8" (273 mm)	14" (355 mm)
Floor	30303	3,000 RPM	1,650 RPM	1.7 hp (1,268 W)	94 dB(A)	78 SCFM (2,209 LPM)	1/2"-20	44.2 lb (20 kg)	11" (280 mm)	8.8" (222 mm)
	31600			4 hp (2,983 W)	94 dB(A)	127 SCFM (3,597 LPM)		54 lb (24.5 kg)		

Additional Specifications: Air Hose I.D. - 1/2" (13 mm) | Air Inlet - 3/8" NPT | Air Pressure - 90 PSIG (6.2 Bar)

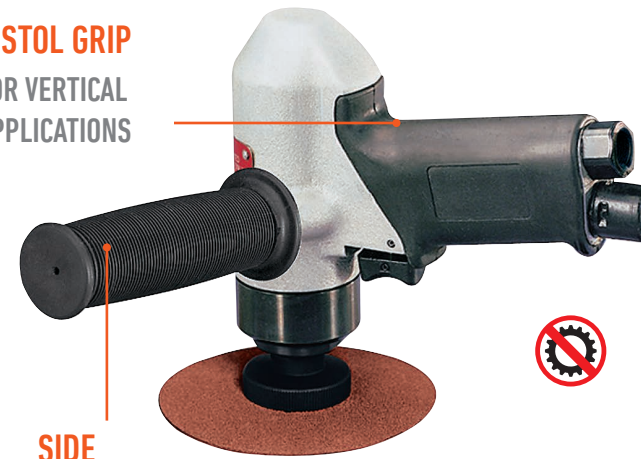
For the most current tool specifications, visit dynabrade.com

WELD PREPARATION
& REMOVAL

.7 hp Pistol Grip & 7° Offset – Disc Sanders

Dynabrade .7 hp gearless Disc Sanders are ideal in medium duty weld preparation and removal applications. 7° Offset and Pistol Grip designs allow operators a choice based on how they present an abrasive to the work piece. Dynabrade Pistol Grip design lends itself to working on vertical surfaces while our offset design keeps operators in a more natural and ergonomic position when working on a flat surface.

PISTOL GRIP
FOR VERTICAL
APPLICATIONS



**SIDE
HANDLE**
FOR OPERATOR CONTROL

GEARLESS MOTOR
QUIET WITH LOW VIBRATION



7° OFFSET
ERGONOMIC HAND &
WRIST POSITION

Pistol Grip Housing

4-1/2" (115 mm) – 5" (125 mm) Diameter - includes Disc Pad Assembly (50267) for center-hole abrasive discs.
4" (11 mm) Diameter: includes Locking-Type Pad (50192); pad mounts to tool spindle without adapters.

7° Offset Housing

Includes 3" (75 mm) Locking-Type Pad (51347) and removable side handle.
Front Exhaust: direct debris away, allowing for a clear view of work surface.
Rear Exhaust: extended muffler ensures lowest sound level with tri-muffling technology.

	Model No.	RPM	Exhaust	Diameter	Power	Sound	Max. Air Flow	Spindle	Weight	Height	Length	Air Inlet
7° Offset	52410	15,000	Front	3" (75 mm)	.7 hp (522 W)	87 dB(A)	32 SCFM (906 LPM)	3/8"-24	2.3 lb (1,04 kg)	5.5" (140 mm)	6" (150 mm)	1/4" NPT
	52412	20,000				86 dB(A)	36 SCFM (1,020 LPM)					
	52413	15,000	Rear			77 dB(A)	29 SCFM (821 LPM)					
	52415	20,000				79 dB(A)	35 SCFM (991 LPM)					
Pistol Grip	50320	8,000	Rear	4.5" – 5" (114-125 mm)	.7 hp (522 W)	68 dB(A)	32 SCFM (906 LPM)	5/8"-11	2.2 lb (1,0 kg)	5.6" (143 mm)	6.6" (168 mm)	1/4" NPT
	50321	11,000				71 dB(A)						
	50324					3/8"-24						

Additional Specifications: Air Hose I.D. - 3/8" (10 mm) | Air Pressure - 90 PSIG (6.2 Bar)

For the most current tool specifications, visit dynabrade.com

.7 hp Composite Housing – Right Angle Tool Series

Dynabrade .7 hp Right Angle Grinders, Sanders and Die Grinders offer great versatility for welding operators with a variety of jobs at their station. Right angle tools are suited for abrasive applications using a Type 27 product, a fiber disc or a burr where torque is necessary for material removal. Standard and extended length composite tools increase maneuverability & help reduce operator fatigue.

WELD PREPARATION
& REMOVAL

WELD PREPARATION
& REMOVAL



LIGHTWEIGHT, THERMAL INSULATED HOUSING
PREVENTS COLD AIR TRANSFER

WICK LUBE SYSTEM
EXTENDED GEAR LIFE

ALUMINUM HEAD
LIGHTWEIGHT DESIGN

ADJUSTABLE WHEEL GUARD
GUARD ROTATES FOR OPERATOR PROTECTION AND VISIBILITY



Wick Lube System
Each tool includes Gear Oil and Oil Gun. Apply after every 8 hours of use.
95848 Gear Oil
95541 Oil Gun

Standard Models

Ergonomic housing with rear exhaust features standard muffler for more compact design (shown above).



3-3/8" (85 mm) Extension Models

Grinders, Die Grinders and Disc Sanders are each available in extended design for longer reach on/ in work piece and allows for two-hand control and operator comfort.



Depressed Center Wheel Grinders

3" (75 mm) & 4" (100 mm) Diameter: accepts reinforced Type 27 Wheels, with 3/8" (9,5 mm) center hole and widths from 1/8" – 1/4" (3–6 mm)

4" (100 mm) Diameter: optional Flange (50359) for use with 4" (100 mm) diameter wheels with 5/8" (16 mm) center hole.



Die Grinders

All models include both 1/4" and 6 mm collet inserts. 3/8" (9,5 mm) collet insert is available upon request.



Disc Sanders

3" (75 mm) Diameter: includes 51347 medium density locking-type backup pad.

4" (100 mm) Diameter: includes 50192 hard density locking-type backup pad.



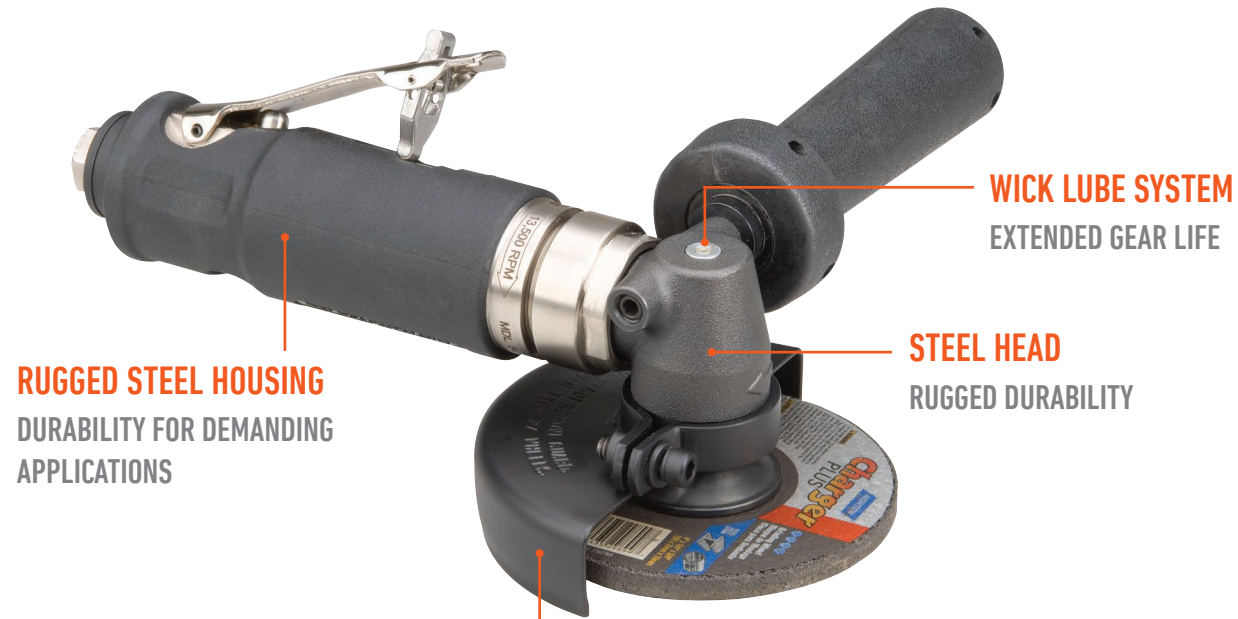
	Model No.	RPM	Housing	Spindle, Collet or Pad Dia.	Power	Sound	Max. Air Flow	Weight	Length	Height			
Depressed Center Wheel Grinders	54771	12.000	Standard	3/8"-24	.7 hp (522 W)	81 dB(A)	39 SCFM (1.104 LPM)	2.9 lb (1,3 kg)	8" (202 mm)	3.1" (78 mm)			
	54775	13.500				83 dB(A)							
	54773	12.000	Extended			79 dB(A)					41 SCFM (1.161 LPM)	3.5 lb (1,6 kg)	11.4" (288 mm)
	54777	13.500				80 dB(A)							
Die Grinders	54343	12.000	Standard	6 mm	.7 hp (522 W)	80 dB(A)	20 SCFM (564 LPM)	2.2 lb (1,0 kg)	7.9" (200 mm)	2.9" (73 mm)			
	54359	18.000				74 dB(A)							
	52294	20.000	Extended			79 dB(A)			20 SCFM (564 LPM)	3.0 lb (1,4 kg)	6.5" (165 mm)	5-1/4" (130 mm)	
	54347	12.000				80 dB(A)							
	54363	18.000				80 dB(A)							
Disc Sanders	54406	12.000	Standard	100 mm	.7 hp (522 W)	79 dB(A)	39 SCFM (1.104 LPM)	2.2 lb (1,0 kg)			9" (230 mm)	3.6" (91 mm)	
	54400	18.000		75 mm		81 dB(A)					8.5" (216 mm)	3.5" (90 mm)	
	54409	12.000	Extended	100 mm		81 dB(A)			40 SCFM (1,133 LPM)	3.0 lb (1,4 kg)	12.5" (316 mm)	3.6" (91 mm)	
	54403	18.000		75 mm									1.41 SCFM (1.161 LPM)

Additional Specifications: Air Hose I.D. - 3/8" (10 mm) | Air Inlet - 1/4" NPT | Air Pressure - 90 PSIG (6.2 Bar)

For the most current tool specifications, visit dynabrade.com

.7 hp Steel Housing – Right Angle Tool Series

Dynabrade .7 hp Right Angle Grinders and Die Grinders offer great versatility for welding operators with a variety of jobs at their station. Right angle tools are suited for abrasive applications using a Type 27 product, a fiber disc, or a burr where torque is necessary for material removal. Standard and extended length steel tools access hard-to-reach areas in rugged applications.



RUGGED STEEL HOUSING
DURABILITY FOR DEMANDING APPLICATIONS

WICK LUBE SYSTEM
EXTENDED GEAR LIFE

STEEL HEAD
RUGGED DURABILITY

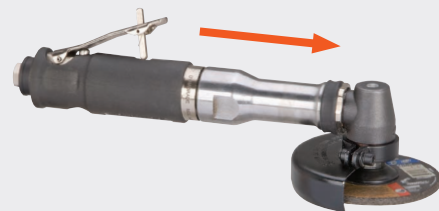
ADJUSTABLE WHEEL GUARD
GUARD ROTATES FOR OPERATOR PROTECTION AND VISIBILITY



Wick Lube System
Each tool includes Gear Oil and Oil Gun.
Apply after every 8 hours of use.
95848 Gear Oil
95541 Oil Gun

Standard Models

Ergonomic housing with rear exhaust features standard muffler for more compact design (shown above).



3-3/8" (85 mm) Extension Models

Grinders and Die Grinders are each available in extended design for longer reach on/in work piece, and allows for two-hand control and operator comfort.

WELD PREPARATION
& REMOVAL



Depressed Center Wheel Grinders

3" (75 mm) & 4" (100 mm) Diameter: accepts reinforced Type 27 Wheels, with 3/8" (9,5 mm) center hole and widths from 1/8" – 1/4" (3-6 mm)

4" (100 mm) Diameter: optional Flange (50359) for use with 4" (100 mm) diameter wheels with 5/8" (16 mm) center hole.



WELD PREPARATION
& REMOVAL



Die Grinders

All models include both 1/4" and 6 mm collet inserts. 3/8" (9,5-mm) collet insert is available upon request.



	Model No.	RPM	Housing	Spindle or Collet	Power	Sound	Max. Air Flow	Weight	Length	Height	Air Inlet
Depressed Center Wheel Grinders	54787	12.000	Standard	3/8"-24	.7 hp (522 W)	83 dB(A)	39 SCFM (1.104 LPM)	3.2 lb (1,7 kg)	8" (200 mm)	3.1" (78 mm)	1/4" NPT
	54791	13.500				80 dB(A)					
	54789	12.000	Extended			79 dB(A)	41 SCFM (1.161 LPM)	4.2 lb (1,9 kg)	11.4" (288 mm)		
	54793	13.500				81 dB(A)					
Die Grinders	54369	12.000	Standard	1/4" & 6 mm	.7 hp (522 W)	78 dB(A)	20 SCFM (564 LPM)	3.0 lb (1,4 kg)	8" (200 mm)	2.9" (73 mm)	1/4" NPT
	54387	18.000				80 dB(A)					
	54374	12.000	Extended			77 dB(A)	41 SCFM (1.161 LPM)	3.2 lb (1,7 kg)	11.4" (2.090 mm)		
	54391	18.000				76 dB(A)					

Additional Specifications: Air Hose I.D. - 3/8" (10 mm) | Air Pressure - 90 PSIG (6.2 Bar)

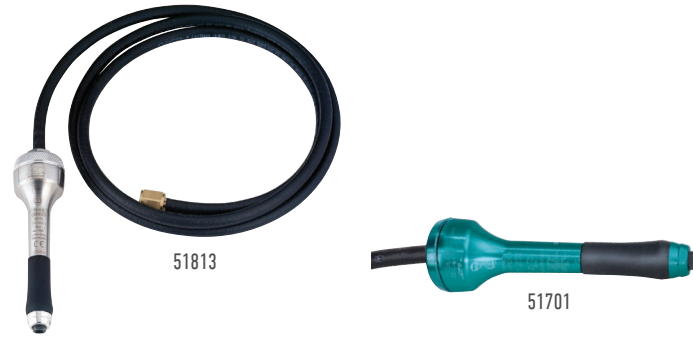
For the most current tool specifications, visit dynabrade.com

Pencil Grinders and Filer

WELD PREPARATION & REMOVAL

Turbine-Driven Pencil Grinders

Pencil grinders utilizing a turbine motor commonly used in precision deburring applications. Dynabrade turbine motors are governor controlled, highly efficient, have few wearable parts and do not require oil.



Part No.	Diameter	Motor SPM	Sound	Exhaust Type	Max. Air Flow	Air Pressure	Hose I.D.	Air Inlet	Weight	Length
51701	1-1/2" (39 mm)	60,000	66 dB(A)	Rear	8 SCFM (227 LPM)	90 PSIG (6.2 Bar)	1/4" (6 mm)	1/4" NPT	.8 lb (0.4 kg)	13.4"
51813		100,000	75 dB(A)		6 SCFM (170 LPM)				.84 lb (0.38 kg)	(340 mm)

Rotary Vane Pencil Grinders

The adjustable tool speed of rotary vane pencil grinders is compatible with a variety of burs or mounted points and are often utilized in finishing and polishing applications in addition to traditional deburring applications.



Part No.	Diameter	Motor SPM	Power	Collet Insert	Sound	Exhaust Type	Max. Air Flow	Air Pressure	Hose I.D.	Air Inlet	Weight	Length
52855	.6" (15 mm)	60,000	0.1 hp (75 W)	3 mm	67 dB(A)	—	6 SCFM (170 LPM)	90 PSIG (6.2 Bar)	1/4" (6 mm)	1/4" NPT	.7 lb (6.3 kg)	4.5" (115 mm)
52862	1-1/2" (39 mm)	25,000	0.4 hp(298 W)	3 mm	76 dB(A)	Rear	20 SCFM (566 LPM)				1.1 lb (0.48 kg)	5.66" (145 mm)

DynaPen Reciprocating Tool

DynaPen accepts multiple accessories for engraving, precision removal and deburring. Combining rapid action with short stroke length, DynaPen is used on plastics, composites, steel, aluminum and more.



Part No.	Diameter	Motor SPM	Stroke Length Inch	Collet Insert	Sound	Max. Air Flow	Air Pressure	Weight	Length	Hose Length
10850	.9" (23 mm)	14,000	.007" (.018 mm)	3 mm	79 dB(A)	4 SCFM (113 LPM)	90 PSIG (6.2 Bar)	0.57 lb (0.26 kg)	4.25" (108 mm)	56" (142 mm)



Blending and Polishing

Tools found in these stages of production are typically more concerned about how a workpiece is going to look when finished than they are about material removal – though some material removal may still be required.

Dynabrade's range of tools extends to the finishing stages of a welder's application where a grain pattern is set, or prior to a final coating being applied to a work piece. Creating an acceptable finish can be the most time consuming and difficult aspects of a welder's job; often requiring multiple steps to reach a required end! Dynabrade tools assist welders in the blending and polishing stages of their work by:

- Allowing access to hard-to-reach areas
- Multiple horsepower and speeds for light duty or demanding applications
- Abrasive compatibility

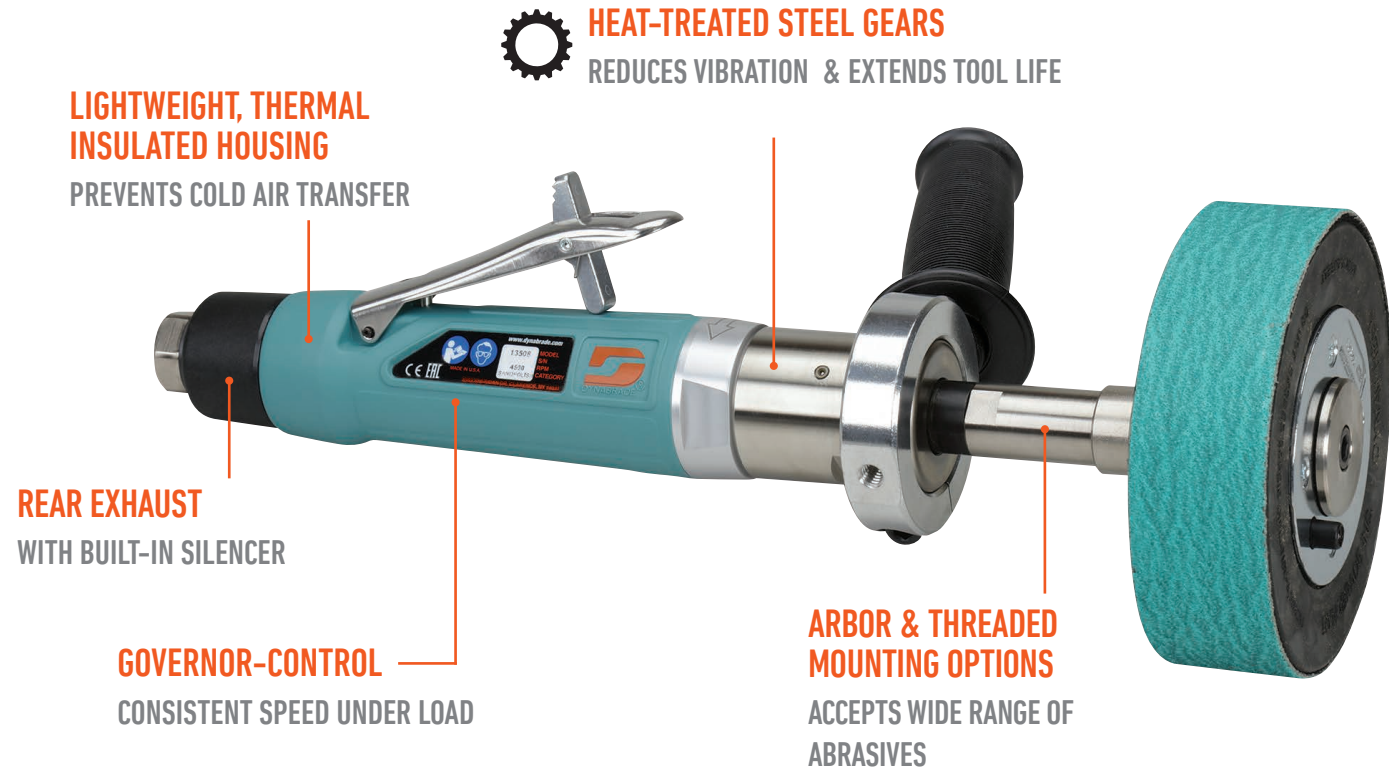
In the following section you will find 1 hp tools like our Dynastraight® tools and .25 hp like our Dynorbital-Spirit® random orbital sander. Tools in this section become more specialized depending on the size and shape of your job as well as operate at different speeds that are ideal for different substrates.



Dynastraight® – Finishing Tools

BLENDING
& FINISHING

The Dynastraight® family of tools is perfectly suited for blending and polishing a welded surface to a specific finish. Slow speeds allow the tool to create a deeper and longer scratch in order to remove surface imperfections. Faster speeds create a shallow, shorter scratch that is easier to blend and polish.



Standard Models

Compact, ergonomic design that delivers high torque at slow speeds (shown above)



6" (150 mm) Extension Models

Allow longer reach on/in work piece, and allows for two-hand control and operator comfort.

	Model No.	RPM	Power	Arbor	Tool Thread	Sound	Max. Air Flow	Weight	Length	Height
Standard	13505	3,400	1 hp (746 W)	5/8"-11	1/2"-20	76 dB(A)	43 SCFM (1,217 LPM)	4.2 lb (1.9 kg)	16.1" (409 mm)	1.9" (48 mm)
	13523	4,500				78 dB(A)	41 SCFM (1,160 LPM)	4.3 lb (2.0 kg)	14.5" (366 mm)	
	13509	6,000			83 dB(A)	42 SCFM (1,190 LPM)				
6" (150 mm) Extended	13515	3,400	1 hp (746 W)	5/8"-11	—	76 dB(A)	41 SCFM (1,160 LPM)	4.2 lb (1.9 kg)	18.6" (472 mm)	1.9" (48 mm)
	13520	4,500				78 dB(A)	42 SCFM (1,190 LPM)	4.3 lb (2.0 kg)		
	13519	6,000				83 dB(A)	44 SCFM (1,245 LPM)			

Additional Specifications: Air Hose I.D. - 3/8" (10 mm) | Air Inlet - 3/8" NPT | Air Pressure - 90 PSIG (6.2 Bar)

For the most current tool specifications, visit dynabrade.com

Dynisher & Mini-Dynisher – Finishing Tools

BLENDING
& FINISHING

Dynisher finishing tools are ideally suited for setting a grain pattern once a weld has been removed. When combined with a Dynacushion® pneumatic tire operators will experience a tool that conforms to the work surface yet still has the power to drive an aggressive coated abrasive. When equipped with optional Dynabrite Interleaf wheels operators can achieve fine finishes quickly.



Dynisher Kit 13460

- Dynisher (13450)
- Dynacushion® (92938)
- Air Chuck (98130)
- Abrasive Belts Assortment



Mini-Dynisher Kit 13310

- Mini-Dynisher (13300)
- Dynacushion® (94507)
- Wheel Inflation Tool (94465)
- Abrasive Belts Assortment

	Model No.	RPM	Power	Arbor	Sound	Max. Air Flow	Weight	Length	Height	Air Inlet	Air Hose I.D.
Dynisher	13450	2,800	1 hp (746 W)	Ø 3/4" (19 mm)	82 dB(A)	31 SCFM (867 LPM)	5.7 lb (2.6 kg)	15" (381 mm)	7" (180 mm)	3/8" NPT	3/8" (13 mm)
	13402	3,400	.7 hp (522 W)	5/8"-11 Thread	85 dB(A)	50 SCFM (1,416 LPM)	4.3 lb (1.9 kg)	13.5" (343 mm)	10" (254 mm)	1/4" NPT	
Mini-Dynisher	13300	3,200	.4 hp (298 W)	Ø 5/8" (16 mm)	80 dB(A)	22 SCFM (623 LPM)	2.8 lb (1.3 kg)	10" (254 mm)	7" (180 mm)		1/4" (10 mm)

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

For the most current tool specifications, visit dynabrade.com

Dynabelter® – Tool Series

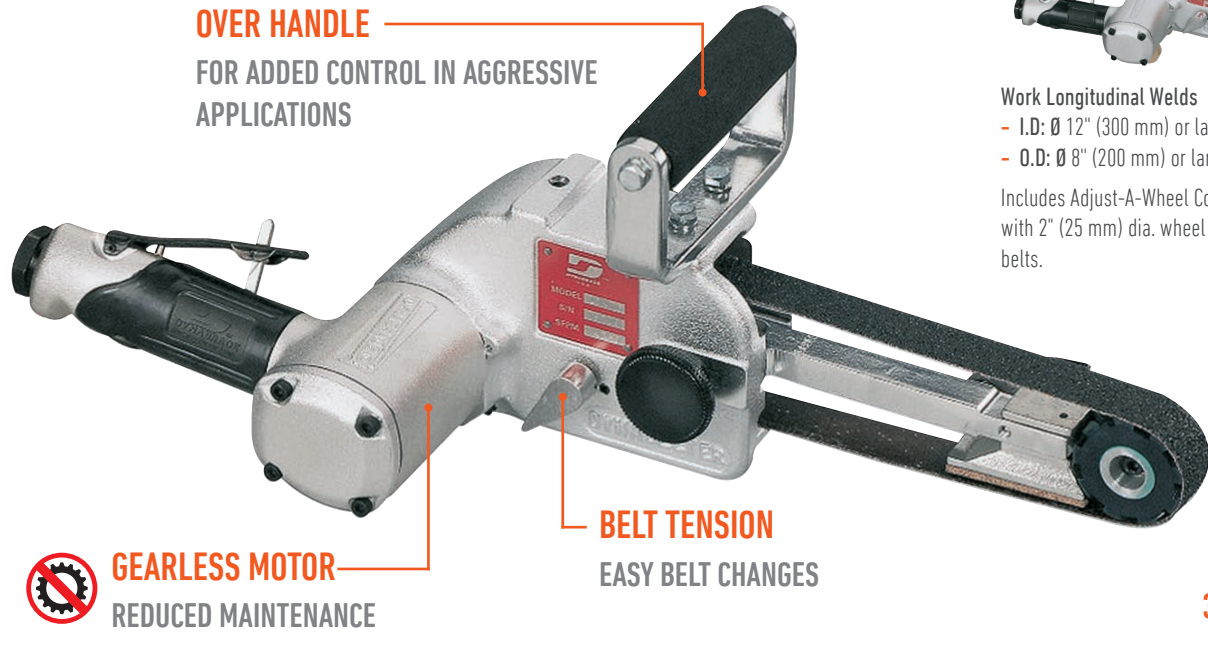
BLENDING & FINISHING

Dynabelters are heavy duty belt tools and are often found cleaning heavy duty welds and grinding large castings. Dynabelter® tools use longer and wider belts for greater coverage and increased productivity. For precision removal operators can use the Dynabelter® Accu-Grinder to control the depth of cut using easily adjustable guide wheels.

DYNABELTER® ACCU-GRINDER 11486



Work Longitudinal Welds
 - I.D: Ø 12" (300 mm) or larger
 - O.D: Ø 8" (200 mm) or larger
 Includes Adjust-A-Wheel Contact Arm (11717) with 2" (25 mm) dia. wheel for 1" W abrasive belts.



Extra Heavy-Duty

Includes Contact Arm Assembly (11870) for 1/2" W x 30" L (13 mm x 762 mm) abrasive belts



Standard

Includes Contact Arm Assembly (11681) for 1/4"-1" W x 30" L (6 - 25 mm x 762 mm) abrasive belts

Versatile Contact Arm Assemblies

Hard and soft platen pads mount onto Contact Arms for heavy grinding or contour polishing. Various types of wheels allow for different types of grinding or scratch patterns.



	Model No.	RPM	Power	Max. SFPM	Sound	Max. Air Flow	Weight	Length	Height	Air Inlet
Extra Heavy-Duty	11477	7.200	2 hp (1,491 W)	436	79 dB(A)	66 SCFM (1,878 LPM)	14 lb (6.4 kg)	21.5" (546 mm)	7.8" (197 mm)	1/2" NPT
Heavy-Duty	11476	13.000	1.2 hp (895 W)	395	85 dB(A)	58 SCFM (1,643 LPM)	10 lb (4.5 kg)	21" (533 mm)	7.3" (184 mm)	3/8" NPT
Standard	11475	18.000	.7 hp (522 W)	547	91 dB(A)	30 SCFM (850 LPM)	7.5 lb (3.4 kg)	22" (559 mm)	7" (180 mm)	1/4" NPT
Accu-Grinder	11486	13.000	1.2 hp (895 W)	395	85 dB(A)	58 SCFM (1,643 LPM)	9 lb (4.1 kg)	22" (559 mm)	7" (180 mm)	1/2" NPT

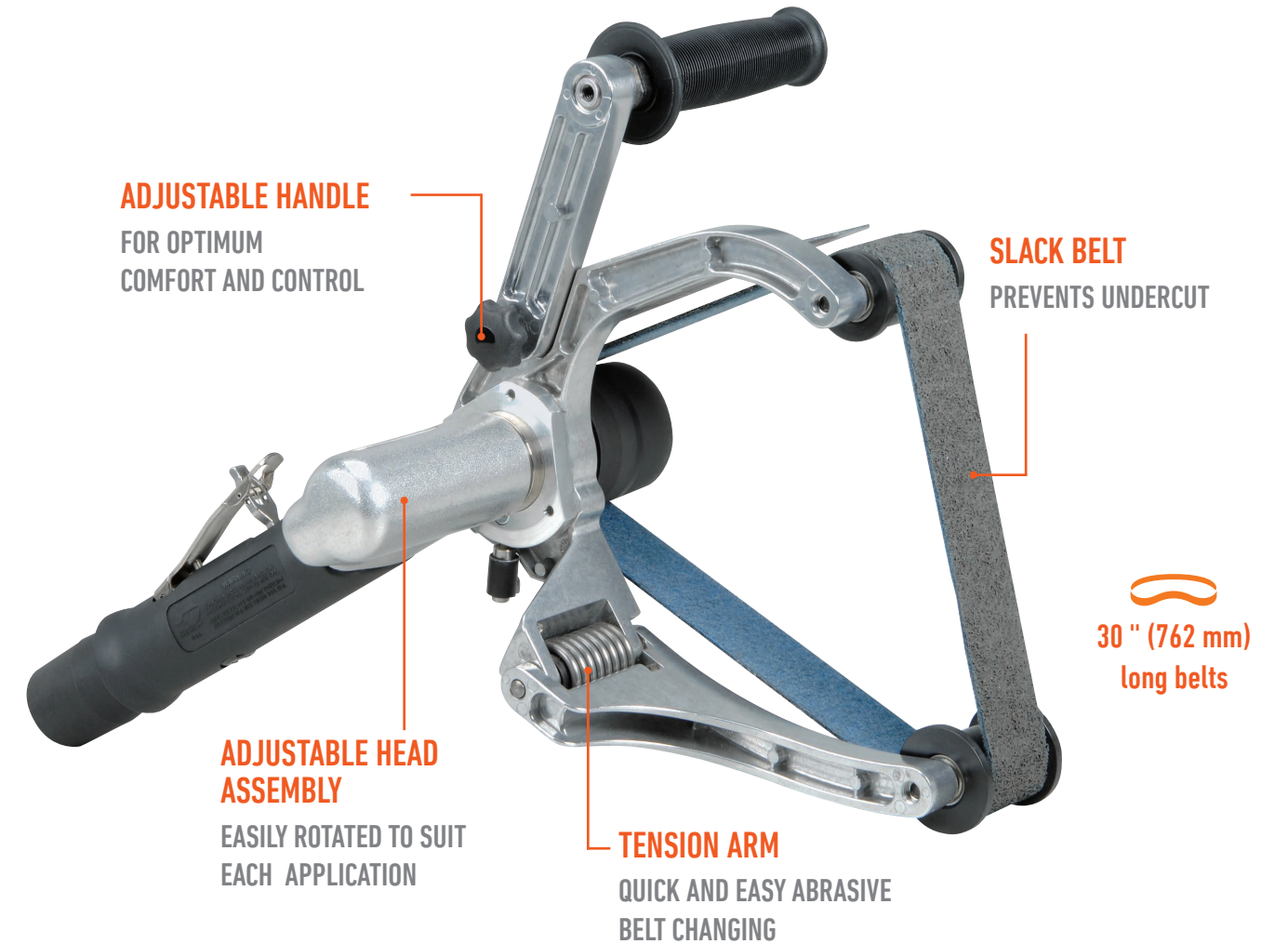
Additional Specifications: Air Hose I.D. - 1/2" (13 mm) | Air Pressure - 90 PSIG (6.2 Bar)

For the most current tool specifications, visit dynabrade.com

Pipe Belt Finisher

BLENDING & FINISHING

The Pipe Belt Finisher is ideal for finishing applications on cylinders or workpieces with a radius. Operators use the slack of the belt to conform to the curvature of a workpiece and prevent gouging. Designed for use with either coated or Non-woven abrasives the Pipe Belt Finisher can set and finish a grain pattern and has become a staple tool for use on railings, pharmaceutical and food-grade equipment.



Pipe Belt Finisher

Work on round surfaces up to 6" (150 mm) in diameter. Rear Exhaust - extended muffler ensures low sound level with tri-muffling technology.



	Model No.	RPM	Belt Length	Power	Max. SFPM (SMPM)	Sound	Max. Air Flow	Weight	Length	Height	Air Inlet
Pipe Belt Finisher	14360	3.400	30" (762 mm)	.7 hp (522 W)	195 (60)	82 dB(A)	40 SCFM (1,133 LPM)	6.5 lb (2.9 kg)	18" (450 mm)	10" (254 mm)	1/4" NPT

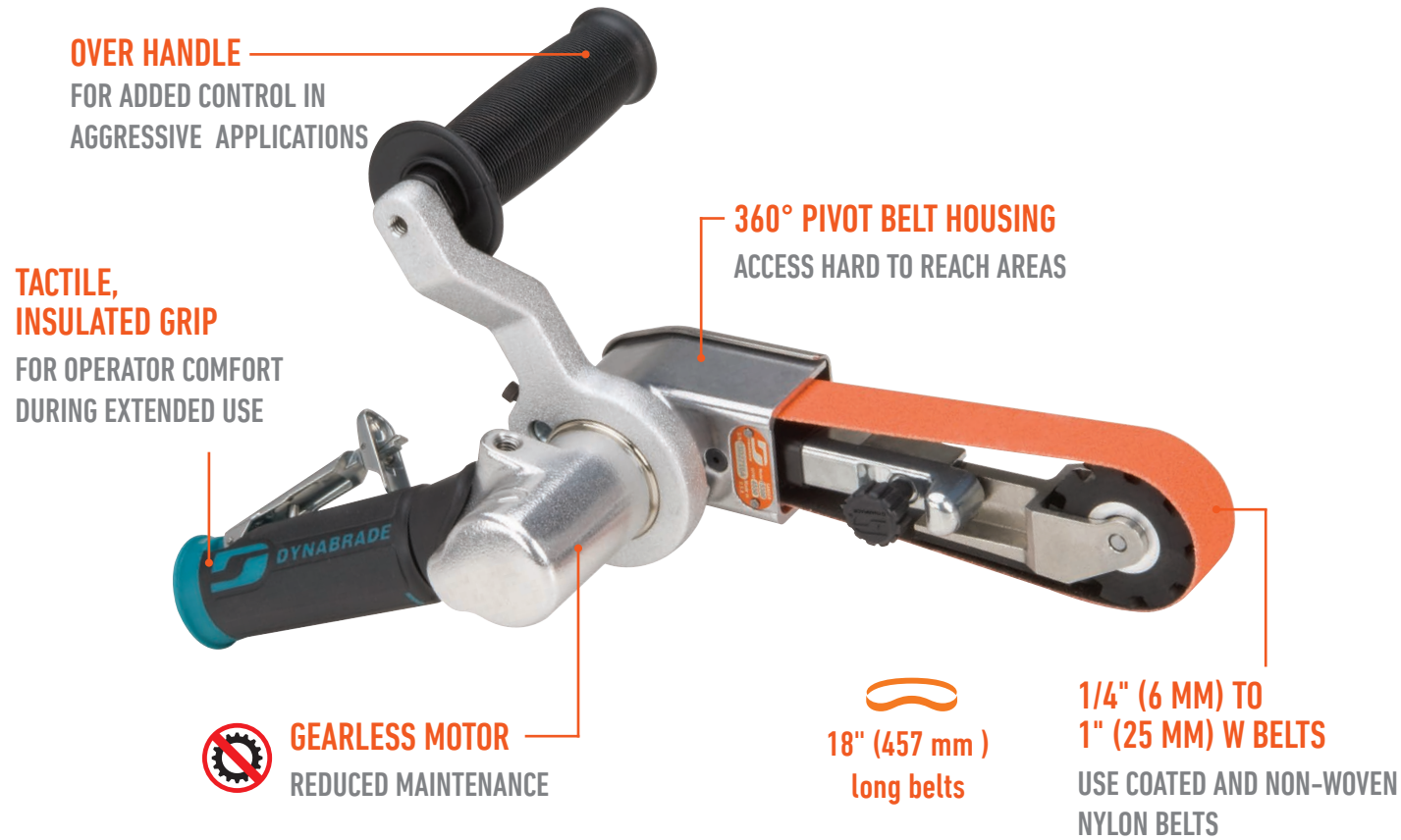
Additional Specifications: Air Hose I.D. - 3/8" (10 mm) | Air Pressure - 90 PSIG (6.2 Bar)

For the most current tool specifications, visit dynabrade.com

Dynafire® III & Versatility Kit

BLENDING & FINISHING

The Dynafire® III provides operators with the best option to enhance their belt tool productivity! Dynabrade .7 hp gearless motor design is smooth and quiet while providing the necessary power to drive a 1" wide coated or non-woven abrasive belt. The Dynafire® III offers dozens of contact arms for use with wide or narrow belts in both prep and finish applications.



Dynafire® and Versatility Kit

BLENDING & FINISHING

The Dynafire® is the first tool that our founder Walter Welsch developed for sanding and grinding in hard-to-reach or narrow areas. The Dynafire® has earned its place as the premier tool for machine shops, foundries, aerospace, sheet metal and stamping plants who grind & deburr. The Dynafire® is the only belt tool in the world able to reliably track a 1/8" (3.2 mm) wide belt!



Dynafire III - Kit 15302

- Dynafire® III (15300)
- Contact Arms (15321, 15350 & 15321)
- Abrasive Belt Assortment
- Spare Drive Wheel (15336)
- Case

Versatile Contact Arm Selection

Hard and soft platen pads mount onto Contact Arms for heavy grinding or contour polishing. Various types of wheels allow for different types of grinding or scratch patterns.



Dynafire - Kit 14010

- Dynafire® (14000)
- Contact Arms (11213, 11216, 11219 & 11231)
- Abrasive Belt Assortment
- Platen Pad Assortment
- Case

Versatile Contact Arm Selection

Hard and soft platen pads mount onto Contact Arms for heavy grinding or contour polishing. Various types of wheels allow for different types of grinding or scratch patterns.



	Model No.	RPM	Belt Length	Power	Max. SFPM	Sound	Max. Air Flow	Weight	Length	Height	Air Inlet
Dynafire® III	15300	20,000	18" (457 mm)	.7 hp (522 W)	4,550	87 dB(A)	37 SCFM (1,048 LPM)	3.5 lb (1.6 kg)	14.3" (362 mm)	4.9" (124 mm)	1/4" NPT

Additional Specifications: Air Hose I.D. - 3/8" (10 mm) | Air Pressure - 90 PSIG (6.2 Bar)

For the most current tool specifications, visit dynabrade.com

	Model No.	RPM	Belt Length	Power	Max. SFPM	Sound	Max. Air Flow	Weight	Length	Height	Air Inlet
Dynafire®	14000	20,000	24" (610 mm)	.5 hp (373 W)	5,800	80 dB(A)	26 SCFM (731 LPM)	3.1 lb (1.4 kg)	14.6" (371 mm)	4.6" (116 mm)	1/4" NPT

Additional Specifications: Air Hose I.D. - 3/8" (10 mm) | Air Pressure - 90 PSIG (6.2 Bar)

For the most current tool specifications, visit dynabrade.com

Dynafile® II and Versatility Kit

BLENDING
& FINISHING

The Dynafile® II has proven itself to be the tool of choice for shops in need of a versatile tool. The Dynafile® II is designed for use with coated abrasives for material removal, non-woven nylon for blending, and even wool belts for fine polishing applications! At every step in a production process the Dynafile® II has proven it's worth by enhancing productivity or solving a challenging application.

360° PIVOT BELT HOUSING
ACCESS HARD TO REACH AREAS



TACTILE, INSULATED GRIP
FOR OPERATOR COMFORT DURING EXTENDED USE

1/4" (6 MM) TO 3/4" (19 MM) W BELTS
USE COATED AND NON-WOVEN NYLON BELTS

GEARLESS MOTOR
REDUCED MAINTENANCE

18" (457 mm)
Long Belts



Dynafile II – Kit 40321

- Dynafile® III (15300)
- Contact Arms (11203, 11320)
- Abrasive Belt Assortment
- Platen Pad Assortment
- Collet, 6 mm (50115)
- Case

Versatile Contact Arm Selection

Hard and soft platen pads mount onto Contact Arms for heavy grinding or contour polishing. Various types of wheels allow for different types of grinding or scratch patterns.

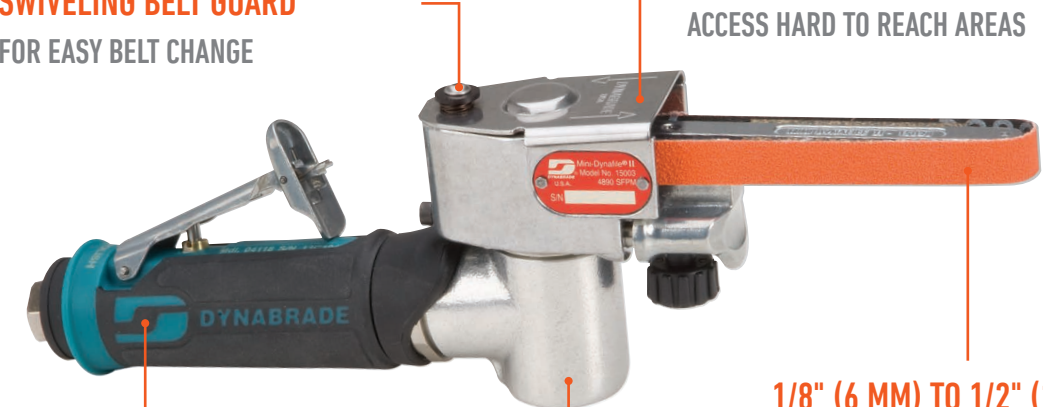


Mini-Dynafile® II and Versatility Kit

BLENDING
& FINISHING

The Mini-Dynafile® II is intended for use in applications with restricted access where the smallest and most lightweight tools are necessary to get the job done. At less than two pounds the Mini-Dynafile® II is lightweight and able to be maneuvered around complex workpieces that require finishing.

SWIVELING BELT GUARD
FOR EASY BELT CHANGE



TACTILE, INSULATED GRIP
FOR OPERATOR COMFORT DURING EXTENDED USE

360° PIVOT BELT HOUSING
ACCESS HARD TO REACH AREAS

1/8" (6 MM) TO 1/2" (13 MM) W BELTS
USE COATED AND NON-WOVEN NYLON BELTS

GEARLESS MOTOR
REDUCED MAINTENANCE

12" (305 mm)
Long Belts



Mini Dynafile II Kit 15006

- Mini-Dynafile® II (15003)
- Contact Arms (15028, 15030)
- Abrasive Belt Assortment
- Platen Pad Assortment
- Collet, 1/4" (6 mm) (01644)
- Case

Versatile Contact Arm Selection

Hard and soft platen pads mount onto Contact Arms for heavy grinding or contour polishing. Various types of wheels allow for different types of grinding or scratch patterns.



	Model No.	RPM	Belt Length	Power	Max. SFPM	Sound	Max. Air Flow	Weight	Length	Height	Air Inlet
Dynafile® II	40320	20,000	18" (457 mm)	.5 hp (373 W)	4,550	78 dB(A)	28 SCFM (793 LPM)	2.5 lb (1.1 kg)	14.3" (362 mm)	4.9" (124 mm)	1/4" NPT

Additional Specifications: Air Hose I.D. - 3/8" (10 mm) | Air Pressure - 90 PSIG (6.2 Bar)

For the most current tool specifications, visit dynabrade.com

	Model No.	RPM	Belt Length	Power	Max. SFPM	Sound	Max. Air Flow	Weight	Length	Height	Air Inlet
Mini-Dynafile® II	15003	25,000	30 cm	298 W	454	81 dB(A)	566 l/min	0,8 kg	298 mm	90 mm	1/4" NPT

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

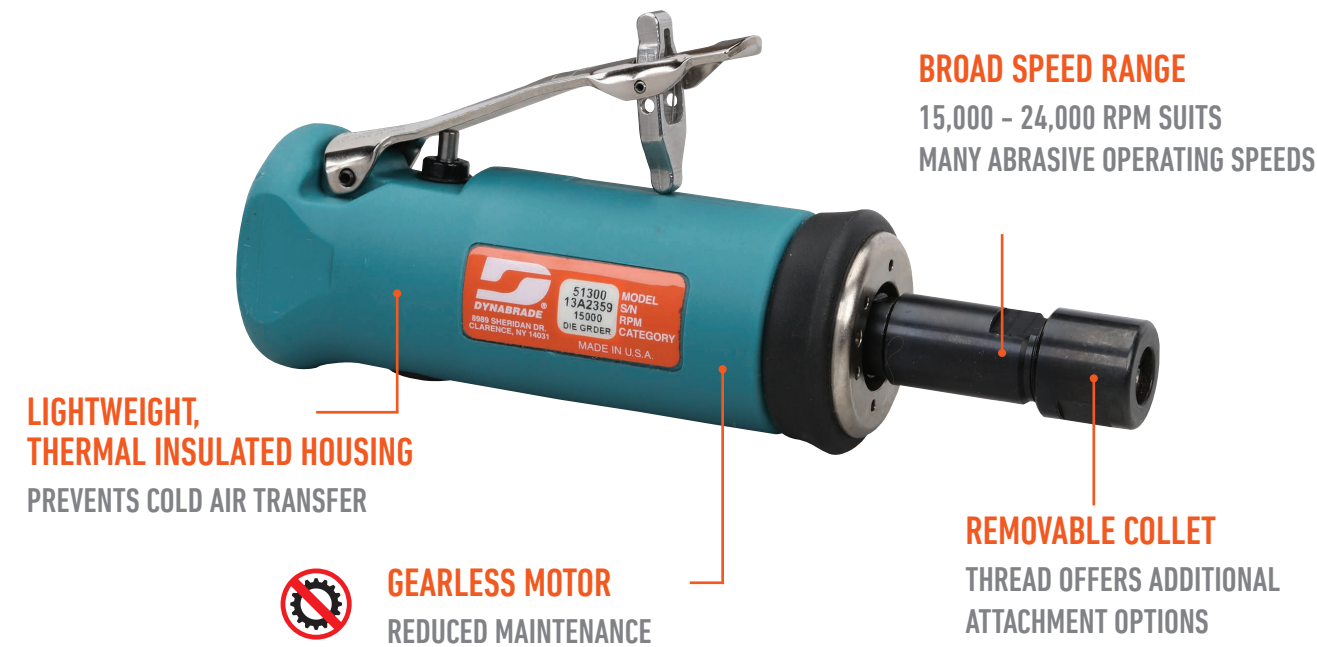
For the most current tool specifications, visit dynabrade.com

.5 hp Die Grinders – Tool Series

BLENDING
& FINISHING

Dynabrade Die Grinders are found in a variety of applications in large part because of the versatility a collet attachment provides. Our Die Grinders offer a range of speeds and collet capacities that accept abrasives such as mounted points, burrs, and expander wheels with coated abrasives and more!

BLENDING
& FINISHING



Extension Models

7/8" (22 mm) diameter extension allows efficient finishing within deep workpiece channels and difficult passages. Extended rear exhaust option, ensures lowest sound level with tri-muffling technology.

3" (75 mm) Extension – available in front and rear exhaust.

7-1/4" (184 mm) Extension – available in front and rear exhaust.

Short Shank Models

7° offset housing design for ergonomic comfort. Gearless motor for reduced maintenance and downtime.

Front Exhaust – direct debris away, and allows a clear view of work surface.

Steel Housing Models

Designed for heavy use in harsh environments.

Front Exhaust – direct debris away, and allows for a clear view of work surface.

Rear Exhaust – extended muffler ensures lowest sound level with tri-muffling technology.



Front Exhaust

Direct debris away, and allows a clear view of work surface, available in composite and steel housings for rugged applications.

Rear Exhaust

Available with standard or extended muffler for larger hands and ensures lowest sound level with tri-muffling technology.

Gearless Models

Motor is gearless with less wearable parts, ensuring reduced maintenance and less downtime. Gearless tools have lower vibration levels due to fewer moving parts.

Collet Inserts

All models include 1/4" and 6 mm inserts. Collet design also allows for optional 3/8" (9,5 mm) insert.

	Model No.	RPM	Exhaust	Power	Sound	Max. Air Flow	Weight	Length	Height	Air Inlet
Standard	51300	15,000	Front	.5 hp (373 W)	78 dB(A)	24 SCFM (680 LPM)	1.5 lb (0,7 kg)	7" (180 mm)	1.9" (48 mm)	1/4" NPT
	51301	18,000			77 dB(A)					
	51302	20,000			83 dB(A)					
	51303	24,000	Rear Extended	.5 hp (373 W)	76 dB(A)	24 SCFM (680 LPM)	1.8 lb (0,8 kg)	9.3" (235 mm)	1.9" (48 mm)	1/4" NPT
	51304	15,000			75 dB(A)					
	51305	18,000			76 dB(A)					
	51306	20,000			75 dB(A)					
51307	24,000	27 SCFM (765 LPM)								
3" (75 mm) Extension	53510	18,000	Rear Extended	.5 hp (373 W)	79 dB(A)	20 SCFM (564 LPM)	2.5 lb (1,1 kg)	12.9" (327 mm)	1.9" (48 mm)	1/4" NPT
	53511	20,000			77 dB(A)					
7-1/4" (184 mm) Extension	53501	18,000	Rear Extended	.5 hp (373 W)	79 dB(A)	20 SCFM (564 LPM)	3.2 lb (1,5 kg)	17.9" (454 mm)	1.9" (48 mm)	1/4" NPT
	53502	20,000			77 dB(A)					
Short Shank	52211	18,000	Front	.5 hp (373 W)	75 dB(A)	20 SCFM (564 LPM)	1.7 lb (0,8 kg)	6" (150 mm)	4.5" (115 mm)	1/4" NPT
	52212	20,000			75 dB(A)					
Steel Housing	53807	24,000	Front	.5 hp (373 W)	76 dB(A)	20 SCFM (564 LPM)	1.9 lb (0,86 kg)	5.6" (143 mm)	1.75" (45 mm)	1/4" NPT
	53808		Rear				2.1 lb (0,95 kg)	6.7" (170 mm)		

Additional Specifications : Air Hose I.D. - 3/8" (10 mm) | Air Pressure - 90 PSIG (6.2 Bar)

For the most current tool specifications, visit dynabrade.com

.4 hp Straight-Line – Die Grinders

BLENDING
& FINISHING

Dynabrade .4 hp Die Grinders are ideal for deburring, deflashing, surface preparation, cleaning and finishing using the proper abrasive stones, abrasive mounted wheels, molded abrasives, and carbide burrs.

EXTENDED MUFFLER
LOWER NOISE LEVELS



BROAD SPEED RANGE
950 - 30,000 RPM FITS MOST
ABRASIVE SELECTIONS

**TACTILE,
INSULATED GRIP**
FOR OPERATOR COMFORT
DURING EXTENDED USE

GOVERNOR-CONTROL
DELIVERS CONSISTENT
SPEED UNDER LOAD

.4 hp Right Angle – Die Grinders

BLENDING
& FINISHING

Dynabrade .4 hp Die Grinders are ideal for deburring, deflashing, surface preparation, cleaning and finishing using proper abrasive stones, abrasive mounted wheels, molded abrasives and carbide burrs. Intended for use with abrasives less than 2" (50 mm) diameter. Right angle geared tools generally operate at lower speeds but with higher torque than a gearless tool.

**TACTILE,
INSULATED GRIP**
FOR OPERATOR COMFORT
DURING EXTENDED USE



WICK LUBE SYSTEM
EXTENDED GEAR LIFE

BEVEL GEAR SET
HIGH TORQUE AND
CONSISTENT SPEED

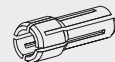
GOVERNOR-CONTROL
DELIVERS CONSISTENT SPEED
UNDER LOAD

Planetary Geared - Slow Speed/High Torque



Features higher torque levels and a broader power range. Planetary gears are in-line speed reduction gears, the greater the reduction, the higher the torque levels.

Collet Inserts



All models include 1/4" and 6 mm inserts. Collet design also allows optional 3/8" (3 mm) insert.

Front Exhaust



Direct debris away, and allows for a clear view of work surface.

Rear Exhaust



Available with standard or extended muffler to reduce noise levels.

Collet Inserts

All models include 1/4" and 6 mm inserts. Collet design also allows optional 3/8" insert.

Gearless Models - Consistent Speed



Motor is gearless with less wearable parts, ensuring reduced maintenance and less downtime. Gearless tools have lower vibration levels due to the omission of transmitting power through gears.

	Model No.	RPM	Exhaust	Power	Sound	Max. Air Flow	Weight	Length	Height	Air Inlet
Planetary Geared	47200	950	Rear Extended	.4 hp (298 W)	76 dB(A)	26 SCFM (736 LPM)	1.9 lb (0.9 kg)	11" (280 mm)	1.7" (44 mm)	1/4" NPT
	47201	3.200			75 dB(A)			9.8" (250 mm)		
	47202	5.500			80 dB(A)			6.4" (162 mm)		
Gearless	48360	20.000	Rear	.4 hp (298 W)	76 dB(A)	26 SCFM (736 LPM)	0.9 lb (0.4 kg)	6.5" (166 mm)	1.7" (44 mm)	1/4" NPT
	48325	25.000			79 dB(A)			6.5" (166 mm)		
	48327	30.000			76 dB(A)			6.5" (166 mm)		

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

For the most current tool specifications, visit dynabrade.com

	Model No.	RPM	Power	Sound	Max. Air Flow	Weight	Length	Height	Air Inlet
Front Exhaust	47800	12.000	.4 hp (298 W)	85 dB(A)	25 SCFM (708 LPM)	1.0 lb (0,46 kg)	6" (150 mm)	2.9" (73 mm)	1/4" NPT
	47801	15.000		86 dB(A)					
	47802	20.000		85 dB(A)					
Rear Exhaust Extended	46000	12.000	.4 hp (298 W)	80 dB(A)	23 SCFM (651 LPM)	1.2 lb (0,55 kg)	8" (200 mm)	2.9" (73 mm)	1/4" NPT
	46001	15.000		81 dB(A)					
	46002	20.000		81 dB(A)					
Rear Exhaust	49425	3.200	.4 hp (298 W)	81 dB(A)	23 SCFM (651 LPM)	1.5 lb (.68 kg)	7.7" (196 mm)	2.9" (73 mm)	1/4" NPT
	48315	12.000				1.0 lb (0,47 kg)	6.5" (165 mm)		
	48316	15.000				80 dB(A)			
	48317	20.000							

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

For the most current tool specifications, visit dynabrade.com

.4 hp 7° Offset – Tool Series

BLENDING
& FINISHING

Dynabrade .4 hp, 7° offset Die Grinder and Disc Sanders are ideal for deburring, deflashing, surface preparation, cleaning and finishing using proper abrasive stones, abrasive mounted wheels, molded abrasives and carbide burrs. Intended for use with abrasives less than 2" (50 mm) diameter. Gearless tools generally operate at higher speeds and with less torque than a geared tool.



Die Grinders

Front Exhaust – direct debris away, allowing a clear view of work surface.

Rear Exhaust – standard and extended muffler design for lowest sound levels.

Gearless



Motor is gearless with less wearable parts, ensuring reduced maintenance and less downtime. Gearless tools have lower vibration levels due to fewer moving parts.

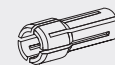


2" (50 mm) Disc Sanders

Includes Locking-Type Pad (51344).

Rear Exhaust – standard and extended muffler design for lowest sound levels.

Collet Inserts (Die Grinders)



All models include 1/4" and 6 mm inserts. Collet design also allows for optional 3/8" (3 mm) insert.

	Model No.	RPM	Exhaust	Power	Sound	Max. Air Flow	Weight	Length	Height	Air Inlet
Die Grinders	52204	25,000	Front	.4 hp (298 W)	70 dB(A)	20 SCFM (566 LPM)	1 lb (0.5 kg)	6" (150 mm)	3.8" (94 mm)	1/4" NPT
	48205		Rear		71 dB(A)		1.3 lb (0.57 kg)	8.9" (225 mm)	3.8" (94 mm)	
	48335		Rear Extended		73 dB(A)		1 lb (0.47 kg)	7.3" (186 mm)		
2" (50 mm) Disc Sanders	48500	25,000	Rear	.4 hp (298 W)	73 dB(A)	25 SCFM (708 LPM)	1.3 lb (0.6 kg)	8.7" (222 mm)	3.9" (98 mm)	1/4" NPT
	48503		Rear Extended				1 lb (0.5 kg)	7.2" (183 mm)		

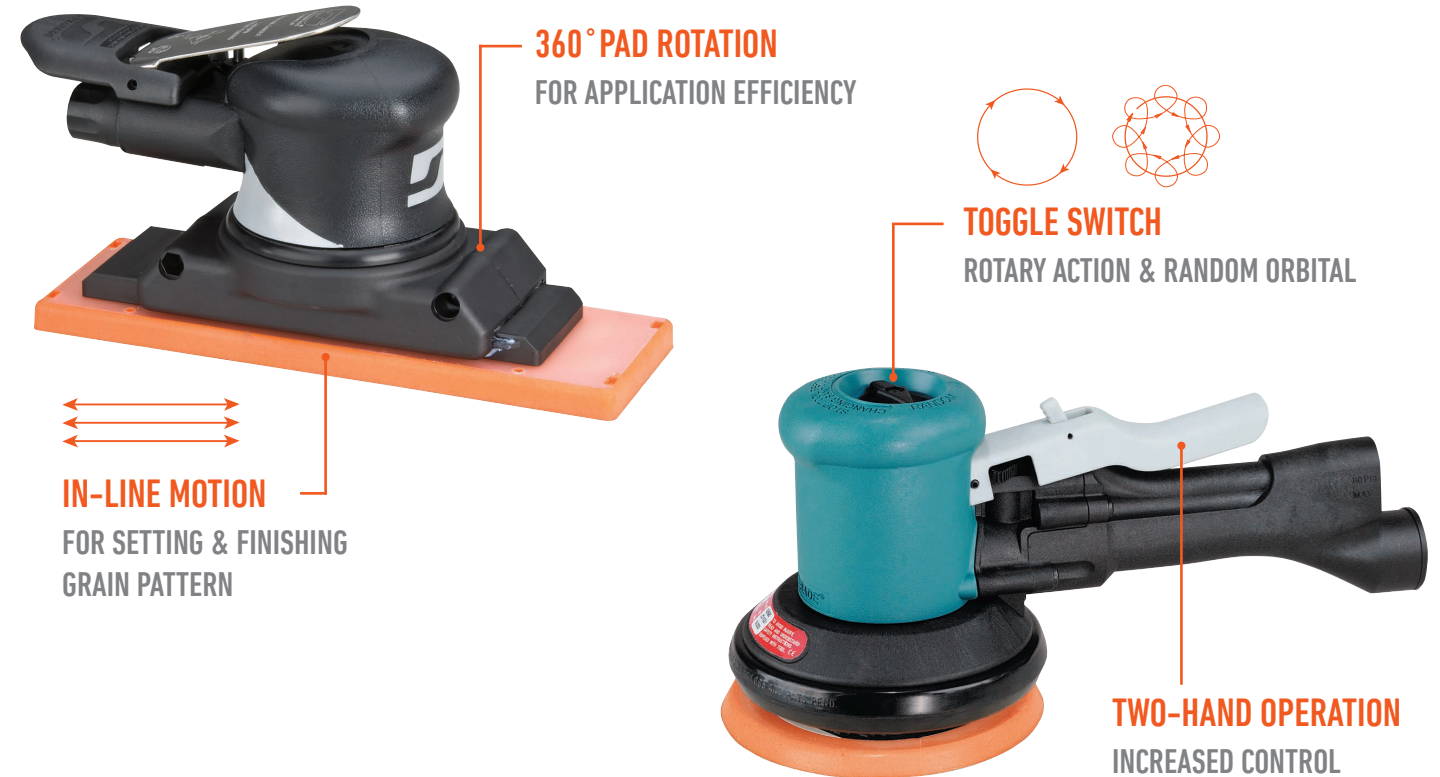
Additional Specifications: Air Hose I.D. – 1/4" (6 mm) | Air Pressure – 90 PSIG (6.2 Bar)

For the most current tool specifications, visit dynabrade.com

Dynaline & DynaLocke®

BLENDING
& FINISHING

The Dynaline sander functions using an in-line motion that is perfectly suited for setting grain during the final stages of finishing a welded workpiece. High quality, Dynabrade gears enhance the productivity of the Dynaline Sander by maintaining the tool's speed under load. The DynaLocke® Sander is really two tools in one. Using the toggle switch at the top of the tool an operator can select either a rotary motion or a random orbital motion for their work.



Dynaline

Includes 2-3/4" W x 8" L (70 x 200 mm) vinyl-face non-vacuum Sanding Pad (57454).

Versatility Kit 57405

- Dynaline (57400)
- Sanding Pad (57852)
- Non-Woven Nylon Assortment

DynaLocke®

Rotary Motion – light material removal

Random Orbital Motion – 3/16" (5 mm) dia orbit for blending and paint preparation

	Model No.	SPM/RPM	Pad	Power	Sound	Max. Air Flow	Thread	Weight	Height	Length	Air Inlet
Dynaline	57400	2,400 SPM	2.75" W x 8" L (B 69 mm x L 200 mm)	.3 hp (224 W)	79 dB(A)	18 SCFM (510 LPM)	—	2.7 lb (1.2 kg)	3.8" (95 mm)	7" (180 mm)	1/4" NPT
DynaLocke®	58430	12,000 RPM	5" (125 mm)	.45 hp (336 W)	86 dB(A)	23 SCFM (651 LPM)	5/16"-24 Female	2.7 lb (1.2 kg)	5.1" (131 mm)	11.1" (280 mm)	1/4" NPT
	58436		6" (150 mm)		85 dB(A)			2.7 lb (1.2 kg)	11.5" (293 mm)		

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

For the most current tool specifications, visit dynabrade.com

Dynorbital® Extreme

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.

BLENDING & FINISHING

BLENDING & FINISHING



Non-Vacuum Models

5" (125 mm) Diameter: includes premium urethane weight-mated sanding pad.

6" (150 mm) Diameter: includes premium urethane weight-mated sanding pad.

Central Vacuum Models

For use with Dynabrade Raptor Vac® portable vacuum systems. Easy connection with 1" (25 mm) dia. vacuum port.

5" (125 mm) Diameter: includes premium urethane weight-mated sanding pad.

6" (150 mm) Diameter: includes premium urethane weight-mated sanding pad.



Model No.	Diameter	Pad Type	Orbit Dia.	Vacuum Type	RPM	Power	Sound	Max. Air Flow	Weight	Height	Length
X51H	5" (125 mm)	Hook-Face	3/16" (5 mm)	Non-Vacuum	12,000	.3 hp (224 W)	73 dB(A)	19 SCFM (538 LPM)	1.78 lb (0.8 kg)	3.7" (95 mm)	6.9" (176 mm)
X51V				Central Vacuum			74 dB(A)				
X52H			Non-Vacuum	72 dB(A)			6.9" (176 mm)				
X52V			Central Vacuum	74 dB(A)			9.1" (230 mm)				
X61H	6" (150 mm)	Hook-Face	3/16" (5 mm)	Non-Vacuum	12,000	.3 hp (224 W)	78 dB(A)	19 SCFM (538 LPM)	1.78 lb (0.8 kg)	3.7" (95 mm)	7.4" (188 mm)
X61V				Central Vacuum			73 dB(A)				
X62H			Non-Vacuum	75 dB(A)			7.4" (188 mm)				
X62V			Central Vacuum	73 dB(A)			9.5" (242 mm)				

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

Serie with Speed Regulator

Model No.	Diameter	Pad Type	Orbit Dia.	Vacuum Type	RPM	Power	Sound	Max. Air Flow	Weight	Height	Length
X51HS	5" (125 mm)	Hook-Face	3/16" (5 mm)	Non-Vacuum	12,000	.3 hp (224 W)	73 dB(A)	19 SCFM (538 LPM)	1.78 lb (0.8 kg)	3.7" (95 mm)	6.9" (176 mm)
X51VHS				Central Vacuum			74 dB(A)				
X52HS			Non-Vacuum	72 dB(A)			6.9" (176 mm)				
X52VHS			Central Vacuum	74 dB(A)			9.1" (230 mm)				
X61HS	6" (150 mm)	Hook-Face	3/16" (5 mm)	Non-Vacuum	12,000	.3 hp (224 W)	78 dB(A)	19 SCFM (538 LPM)	1.78 lb (0.8 kg)	3.7" (95 mm)	7.4" (188 mm)
X61VHS				Central Vacuum			73 dB(A)				
X62HS			Non-Vacuum	75 dB(A)			7.4" (188 mm)				
X62VHS			Central Vacuum	73 dB(A)			9.5" (242 mm)				

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



3/16" (5 mm) Dia Orbit

General sanding.
Teal throttle lever for easy identification.



3/32" (2.5 mm) Dia Orbit

Ultra-fine sanding.
Black throttle lever for easy identification.



Dynabrade Premium Sanding Pads

Better finishes, longer life and less rework!

Dynabrade Random Orbital Sanding Pads are precision engineered for ultra-smooth performance and longer life! Remember to "Ask for the Teal" for the pad advantages that increase your efficiency and lower your costs.

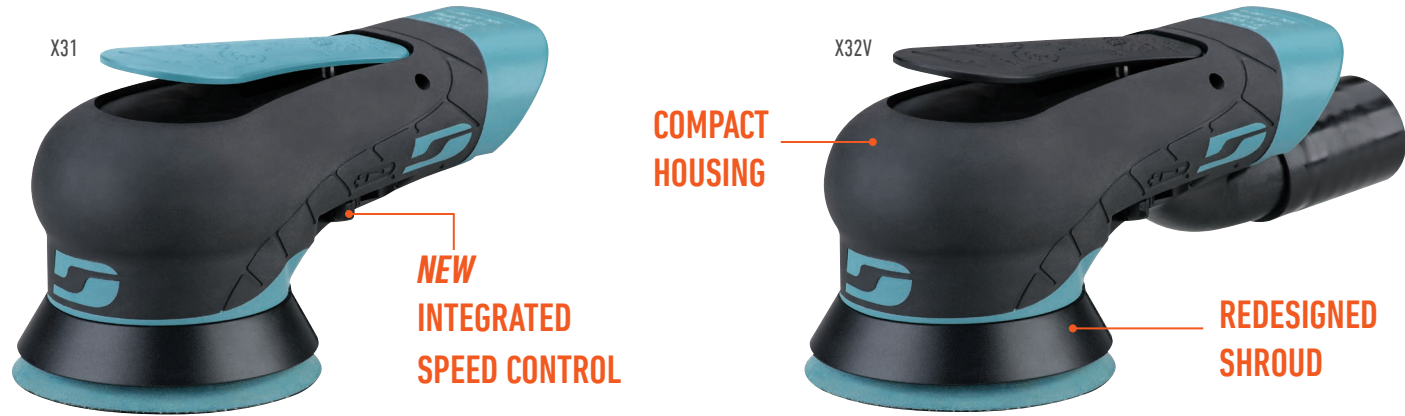
Exclusive single-piece hub design reduces pad vibration and ensures smooth performance.



SINGLE-PIECE Hub Design

3" Mini-Dynorbital® Extreme

BLENDING & FINISHING



Non-Vacuum Models

Central Vacuum Models

For use with Dynabrade Raptor Vac® portable vacuum systems. Easy connection with 3/4 (19 mm) dia. vacuum port.

Model No.	Diameter	Pad Type	Orbit Dia.	Vacuum Type	RPM	Power	Sound	Max. Air Flow	Weight	Height	Length
X31	3" (75 mm)	Hook-Face	3/16" (5 mm)	Non-Vacuum	12,000	.1 hp (75 W)	75 dB(A)	8 SCFM (227 LPM)	1.17 lb (0.53 kg)	3.1" (95 mm)	5.9" (150 mm)
X31V				Central Vacuum			81 dB(A)		1.23 lb (0.56 kg)		7.1" (180 mm)
X32			3/32" (2.5 mm)	Non-Vacuum			74 dB(A)		1.17 lb (0.53 kg)		5.9" (150 mm)
X32V				Central Vacuum			83 dB(A)		1.23 lb (0.56 kg)		7.1" (180 mm)

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



Source Capture

Whether from preparing a workpiece or finishing it, at some point through their day a welder is likely to create dust. Some of these dusts are hazardous if inhaled or explosive if ignited and have to be captured in order to help keep employees safe while they work. Dynabrade Raptor Vac® Vacuums are found in traditional wood and composite manufacturing facilities as well as in aerospace and automobile plants where certified for metallic dust collection options can be a requirement.

Raptor Vac® Vacuums are available with electric or pneumatic motors and offer a solution to time consuming & costly overhead systems. Using a Raptor Vac® Vacuum operators will have dust extraction at the workstation without the need to interrupt other workers when it comes time to change collection bags, or check the HEPA filters. Raptor Vac® Vacuums offer greater mobility when using optional extraction arms by relieving an operator of the burden of the vacuum hose; simply set the arm at the desired point and allow the suction to do the work.

In addition to portable Raptor Vac® Vacuums, Dynabrade offers stationary collection tables and bench top units that are designed for the capture of combustible metal dusts like aluminum and titanium. Dynabrade metal capture stations and portable Raptor Vac® Vacuums are an integral component to creating an efficient and safe work environment.



Raptor Vac® Category 2 Portable Vacuum System (Zone 1 & 21)

Guaranteed for safe recovery of combustible/conductive dusts. Designed for dry-only source capture, where fine dusts must be recovered. Certified for use on metallic surfaces such as aluminum, magnesium, titanium, commercial alloys. Includes HEPA H14 Filter with 99.995% efficiency on 0.3 micron. Easy "one click" detaching and connecting of recovery tank! Units are static-dissipating and conductive. Equipped with easy-glide cart and tool basket.



System Includes

- (2) Conductive Coaxial Hoses (20' / 6 m) with Integrated Air Hose
- "Y" Connector
- (2) Safety Couplers
- (2) Vacuum Hose Swivel Adapters
- Conductive Poly Liner
- 3/4" x 25' (19 mm x 7,62 m) Conductive Air Line Supply
- Conductive Cleaning Kit (below)

Cleaning Kit 96608

- Vacuum Hose, 10' (3 m) long
- Curved handle w/ extension
- Round brush
- (2) Crevice tools
- Large coarse nozzle



Electric

Legally certified as explosion-proof and dust ignition-proof.

Power (Europe): 230 V, 1000 W, 50/60 Hz

Pneumatic

Legally certified as explosion-proof and dust ignition-proof.

Air Consumption : 45 SCFM (1,274 LPM) for each tool attached to vacuum for total requirement.

Dust Extraction Arms for Raptor Vac® Systems

Dust Extraction Arms made specifically for Raptor Vac® Division 1 Vacuum Systems are designed for workplaces generating large amounts of dust and/or fumes. These easy-to-use arms afford the operator the ultimate in mobility and flexibility, along with high-suction capability. The Dust Extraction Arms are 2" (50 mm) diameter, made of aluminum or conductive polypropylene and bend at 3 locking points for multiple configurations.



8" (200 mm) Hood - Round

Reaches 43" (109 cm) long.

Aluminum

15" (380 mm) Hood - Round

Reaches 43" (109 cm) long.

Polycarbonate

13" x 19" (300 mm x 480 mm) Hood

Reaches 43" (109 cm) long.

Polycarbonate

	Model No.	Capacity	Dust Recovery	Power	Water Static Lift	Air Flow	Sound	Height	Length
Electric	61451	24 l	5 lb (2.3 kg)	220-240 V / 50-60 Hz	175 cm / 172 mbar	132 CFM (3,738 LPM)	85 dB(A)	43" (109 mm)	26" (66 mm)
Pneumatic	61466	24 l	5 lb (2.3 kg)	—	457 cm / 448 mbar	110 CFM (3,115 LPM)	80 dB(A)	48" (122 mm)	20" (50 mm)

	Model No.	Hood Material	Pipe Diameter	Reach	No. of Locking Points
8" (200 mm) Round	62840	Aluminum	2" (50 mm)	43" (109 cm)	3
15" (380 mm) Round	62841	Polycarbonate			
13" x 19" (300 mm x 480 mm)	62842				

Metal Capture Downdraft Table

APPLICATIONS

- ▶ Ideal for Metal and Aluminum grinding/sanding
- ▶ Carbon Steel
- ▶ Composite sanding (see with local authorities)

FEATURES AND BENEFITS

- ▶ Possible customization
- ▶ Removal of high dust concentrations from the work area
- ▶ Easy operation and easy to move with a forklift and also by human force
- ▶ Welding fume extraction (optional)
- ▶ HEPA 13 Cartridge Filter and Self-Cleaning system
- ▶ Wood Slats Work Surface (standard)
- ▶ Operating Hours Counter
- ▶ Safety Regulation System: electric or pneumatic supply is activated once the dust extraction is ON
- ▶ Explosion Proof Motor (Category 3 for ATEX Zone 22) which makes the unit eligible for Aluminum Dust Collection
- ▶ **Not for use in Explosive Atmosphere**

Width	Length (mm)	Height (mm)	Motor V/Watt/Hz	Machine Weight	Certification
50 mm	1,8000	850	400 V Tri-phase 2,200 w 50Hz	410 kg	CE M-Class Atex Motor - zone 22



OPTIONS AVAILABLE FOR CUSTOMIZATION

- ▶ Work surface: conductive plastic grid 1"x 1"
- ▶ Work surface: carbon steel slats
- ▶ Work surface: stainless steel slats
- ▶ Work surface: aluminum slats
- ▶ Work surface: perforated stainless-steel sheet surface
- ▶ Rubber coating (stripes) on slats
- ▶ Air way out - exhaust on the side
- ▶ Explosion-proof LED lamp with adjustable lamp bracket
- ▶ Electronic lifting legs with controller (4 integrated legs)
- ▶ Side and rear protective metal screens - fixed but detachable - height: 500 mm.
- ▶ Fixed back screen with 2 side screens foldable sideways - height: 500 mm, all 3 detachable
- ▶ Welding smoke and gas extractor (only for WIG welding)
- ▶ Electric socket (double) 2 x 230V
- ▶ CEJN Multilink with 2-outlet couplings (dry)
- ▶ CEJN Multilink with 3-outlet couplings (lubricated)



Accessories and Abrasives

Dynabrade accessories provide a variety of benefits to a work station, from tool optimization to ensuring proper air & lubrication delivery. Dynabrade has the widest variety of contact arms & more than 100 backup pad options for our belt tools and random orbital sanders. A wide variety of options allow our Territory Managers the ability to optimize a tool for your application!

To provide the best possible solution for your challenges, Dynabrade tools have to operate efficiently & be durable in industrial applications. In addition to tool optimization options Dynabrade provides "Mega Flow" coupler and plug assemblies that help air tools reach peak performance. Dynabrade Managers & Engineers are trained to quickly inspect an air system and make recommendations like the use of a F-R-L which helps ensure clean, lubricated air is powering your air tool.



Contact Arm Assemblies – Abrasive Belt Tools

Dynabrade contact arms are available for use with 1/8" - 2" (30 - 50 mm) wide abrasive belts. More than 80 arm varieties allow for access in tight areas, and many unique ways to present an abrasive to the work piece. Below are the most common contact arms found on a welder's belt tool - additional options are available.

Dynafire® Tool Series Assemblies

For 24" (762 mm), 18" (457 mm) or 12" (305 mm) long abrasive belts, based on Dynafire®



	Part No.	Belt Width	Wheel Dia.	Wheel Type	Platen Pad	Comments	
24" (762 mm)	11218	1/2" (13 mm)	5/8" (16 mm)	Rubber	1/2" (13 mm) Wide, Soft	—	11218
	11212	1/4" (6 mm)	5/16" (8 mm)	Steel	1/4" (6 mm) Wide, Thin	Max. 45 PSI	11232
	11213	1/2" (13 mm)	5/16" (8 mm)	Steel	1/2" (13 mm) Wide, Thin	Max. 45 PSI	
	11219	1/4" or 1/2" (6 mm or 13 mm)	1" (25 mm)	Urethane, 90 durometer	—	Offset design	11204
	11232	1/8" (3 mm)	1" (25 mm)	Rubber, 90 durometer	—	"V" Wheel, Offset design	
	11702	1/4" or 1/2" (6 mm or 13 mm)	4" (100 mm)	Rubber, 970 durometer	—	Radiused wheel	
18" (457 mm)	11206	5/8" or 3/4" (16 mm or 19 mm)	3/4" (19 mm)	Rubber	3/4" (19 mm) Wide, Hard	Offset design	11280
	11204	1/8", 1/2" or 1/4" (3 mm, 13 mm or 6 mm)	1" (25 mm)	Rubber, 90 durometer	—	Radiused wheel	
	11280	1/8" or 1/4" (3 mm or 6 mm)	1" (25 mm)	Rubber, 90 durometer	—	"V" Wheel, Offset design	11300
	11203	1/2" (13 mm)	5/8" (16 mm)	Rubber	1/2" (13 mm) Wide, Soft	—	
	11300	5/8" or 3/4" (16 mm or 19 mm)	1/4" (6 mm)	Steel	—	Max. 45 PSI	
	11287	5/8" or 3/4" (16 mm or 19 mm)	3/4" (19 mm)	Rubber	3/4" (19 mm) Wide, Hard	5-1/4" (230 mm) Reach	
	15350	1" (25 mm)	2" (50 mm)	Rubber, 90 durometer	1" (25 mm) Wide, Soft	Reversible	11287
	15026	1/2" (13 mm)	5/8" (16 mm)	Rubber	1/2" (13 mm) Wide, Hard	—	
12" (305 mm)	15025	1/4" or 1/2" (6 mm or 13 mm)	1" (25 mm)	Rubber, 40 durometer	—	Offset design	
	15034	1/4" or 1/2" (6 mm or 13 mm)	1" (25 mm)	Rubber, 90 durometer	—	Offset design	15026
	15035	1/2" (13 mm)	5/8" (16 mm)	Rubber	1/2" (13 mm) Wide, Soft	—	

Dynabelter® Tool Series Assemblies

For 3" (75 mm) long abrasive belts

- Contact Arm 11681 – standard on Heavy-Duty and Standard-Duty Dynabelter®
- Contact Arm 11717 – standard on Dynabelter® Accu-Grinder
- Contact Arm 11870 – standard on Extra Heavy-Duty Dynabelter®



	Part No.	Belt Width	Wheel Dia.	Wheel Type	Platen Pad	Workable Reach
30" (762 mm)	11681	1" (25 mm)	2" (50 mm)	70 durometer, serrated rubber	1" (25 mm) Wide, Hard	7-1/2" (190 mm)
	11717	2" (50 mm)	2" (50 mm)	90 durometer, serrated urethane	—	—
	11870	2" (50 mm)	2" (50 mm)	70 durometer, serrated urethane	—	7" (180 mm)

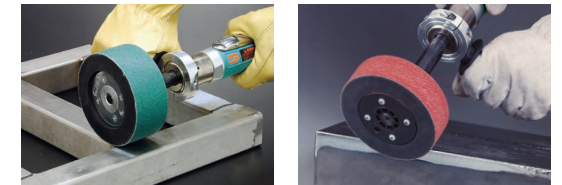


Pneumatic Wheels for Dynastraight® and Dynisher Tools

DynaWheel Pneumatic Wheels

For light grinding and deburring

- Each wheel includes Low Flow Air Chuck (98130)
- Controlled inflation for hard-to-reach valve assemblies. 1/4" female NPT



	Part No.	Arbor	Max. RPM	Belt Size
5" x 1" (125 mm x 25 mm)	92922	5/8"-11 Thread	4.500	1" x 15-1/2" (25 x 394 mm)
	92924	1/2", 5/8" or 3/4" Bore (12,7 mm, 15,9 mm or 19 mm)		

IMPORTANT!

Speed of tool must not exceed maximum operating speed of accessory.

Dynacushion®- Pneumatic Wheels

For polishing and blending

- Each wheel includes Low Flow Air Chuck (98130)
- Controlled inflation for hard-to-reach valve assemblies. 1/4" female NPT



	Part No.	Arbor	Max. RPM	Belt Size
3-1/4" x 3" (83 mm x 75 mm)	94507	5/8" (200 mm) Bore	7.000	3" x 10-11/16" (76 x 271 mm)
	94508	5/8"-11 Thread		
5" x 3-1/2" (125 mm x 90 mm)	92938	1/2", 5/8" or 3/4" Bore (12,7 mm, 15,9 mm or 19 mm)	3.500	3-1/2" x 15-1/2" (89 x 394 mm)
	94472	5/8"-11 Thread		

IMPORTANT!

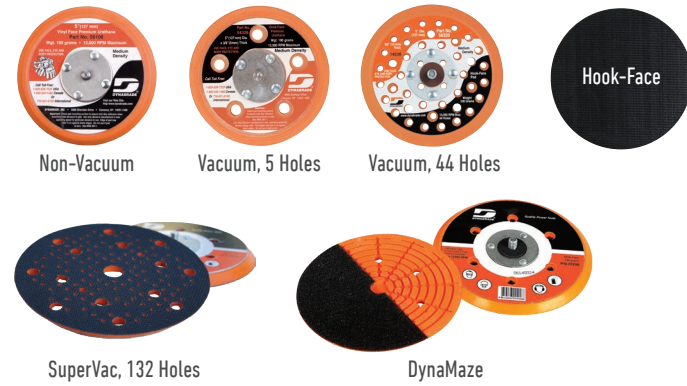
Speed of tool must not exceed maximum operating speed of accessory.

Backup Sanding Pads and Disc Sanding Pads

Random Orbital Sanding Pads

Dynabrade exclusive single-piece hub design!

Premium urethane sanding pads are perfectly weight-mated to Dynabrade tools, for achieving consistent swirl-free finishes.



	Part No.	Type	Holes	Face	Nap	Thickness	Density
5" (125 mm)	56106	Non-Vacuum	-	Vinyl-Face	-	3/8" (10 mm)	Medium
	54325	Vacuum	-	Hook-Face	-	3/8" (10 mm)	Medium
	56104	Vacuum	5	Vinyl-Face	Short	3/8" (10 mm)	Medium
	54326			Hook-Face			
	56320		44				
150 mm	56321	Vacuum	52	Hook-Face	Short	3/8" (10 mm)	Medium
SuperVac 5" (150 mm)	22330	Vacuum	132	Hook-Face	Short	3/8" (10 mm)	Medium
*DynaMaze	22290	Vacuum		Hook-Face	Short	3/8" (10 mm)	Medium

* Other sizes available

Dynaline Sanding Pads

Premium urethane
Mounts to Dynaline with two screws



	Part No.	Type	Face	Nap	Thickness	Density
3-2/3" x 7" (93 mm x 180 mm)	57851	Non-Vacuum	Hook-Face	Short	3/8" (10 mm)	Medium
	57852			Long		

Thermoplastic Pads

Fins help expel heat from disc pad extending disc life

Accepts abrasive discs with 7/8" (22 mm) center hole includes flange nut



	Part No.	Center Hole	Max. RPM	Density
4-1/2" (115 mm)	50288	5.8" (16 mm) Diameter	13,000	Medium
5" (125 mm)	51150		12,000	

Rubber Molded Pads

Spiral ribs form air-flow channels, extending disc life

Accepts abrasive discs with 7/8" (22 mm) center hole, includes flange nut



	Part No.	Thread	Max. RPM	Density
4-1/2" (115 mm)	50281	5/8"-11 Female	13,500	Medium
5" (125 mm)	50282		15,000	
7" (180 mm)	50283		8,600	

Sanding Pads for Locking-Type Discs

(2) Female threaded options

Includes Pad Adapter (50103) to convert 1/4"-20 female thread to 1/4" dia. shank

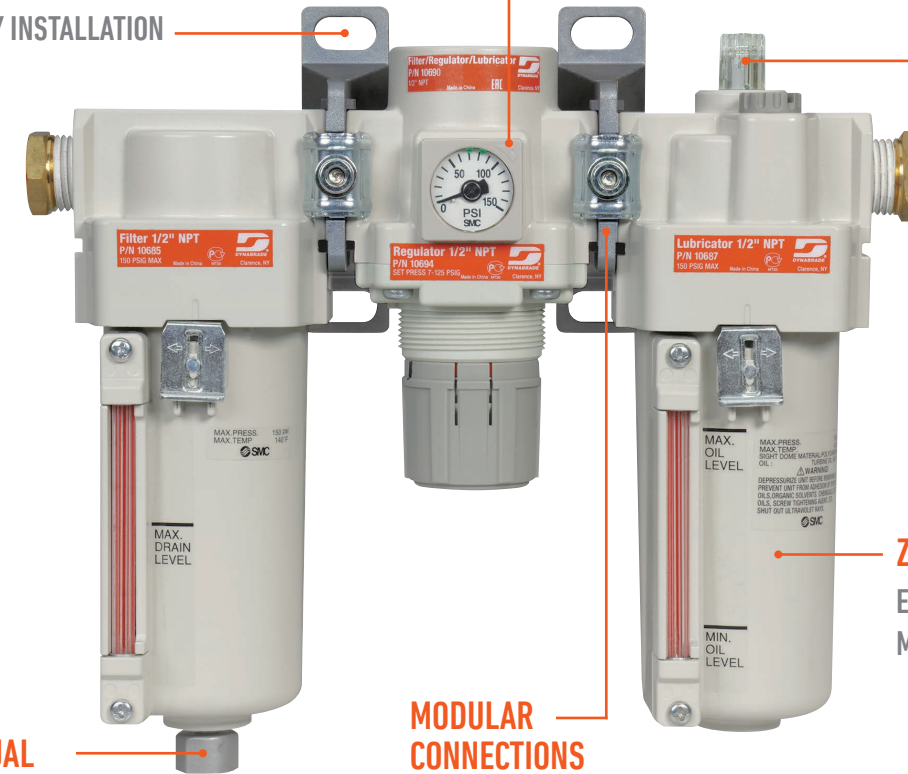


	Part No.	Thread	Max. RPM	Density
2" (50 mm)	51344	1/4"-20	30,000	Medium
	51345	3/8"-24		
3" (75 mm)	51346	1/4"-20	20,000	Medium
	51347	3/8"-24		

FRL – Filter-Regulator-Lubricator

Using a Dynabrade FRL at every work station will extend the service life of the tools at an operator's bench. Our FRL will filter debris/water hidden inside air lines, allow operators to regulate air pressure locally, and deliver air tool oil much more consistently than a manual oiling process.

MOUNTING BRACKETS FOR EASY INSTALLATION



REGULATOR & PRESSURE GAUGE MONITOR AND ADJUST AIR PRESSURE

ADJUSTABLE OIL DROP SET DRIP RATE BASED ON TOOL CONSUMPTION

ZINC CONSTRUCTION ENHANCED DURABILITY IN MANUFACTURING FACILITIES

MANUAL FILTER/DRAIN PROTECTS TOOLS FROM WATER & CONTAMINATION

Inlet/Outlet Port Size	Max. Air Pressure	Max. Air Flow	Max. Air Temperature
1/2" NPT	150 PSIG (10,3 bar)	106 SCFM (3,000 LPM)	150° F (65° C)

- 106 SCFM (3,000 LPM) for high demand tools
- 5-micron filter
- 3/8" NPT reducer bushings (pictured) if necessary
- Use with Dynabrade Air Lube (95842)

	Model No.		Model No.
Filter	10685	Filter-Regulator	10688
Regulator	10694	Regulator-Lubricator	10689
Lubricator	10687	Filter-Regulator-Lubricator	10690

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



	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)
Alu & 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)

Coupler/Plug Assemblies

Plugs with steel and brass couplers

- Includes one female coupler and one male plug
- Maximum working pressure: 150 PSIG (10 Bar)
- Temperature Range: -4° F – 212° F



	Part No.	Coupler	Plug	Air Flow
1/4" NPT	95676	Female	Male	up to 74 SCFM (2,095 LPM)
3/8" NPT	98265			up to 138 SCFM (3,900 LPM)
1/2" NPT	98273			

Dynabrade Air Lube (10W/NR)

Formulated for pneumatic equipment

- 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



4 oz. (118 ml) Part No. 95841

1 pt. (473 ml) Part No. 95842

Grease and Grease Gun

Workable temperature range
0° – 300° F (18° – 148° C)

- High film strength; excellent resistance to water, steam, etc
- Multi-purpose grease for all types of bearings, cams, gears
- Push-type gun for one-hand operation



2.5 oz. (74 ml) Part No. 95544

Grease Gun Part No. 95541

Gear Oil and Oil Gun

For Dynabrade Wick Lube System

- Apply every 8 hours of operation
- Push-type gun for one-hand operation



2.5 oz. (74 ml) Part No. 95848

Oil Gun Part No. 95541

Ultra Gear Grease

- High-performance grease
- Purge and re-grease gear case after 1,000 hours of operation



45 g Part No. 96664

DC 242 – Coated Abrasive Belts CLOTH BACKING

27-33 m/s recommended speed

APPLICATIONS

- Grinding and sanding on metals, composites, plastics, wood with Dynabrade belt tools



FEATURES

- Available in: Zirconia Alumina with grinding aid and Aluminum oxide
- Zirconia Alumina with grinding aid grits are for heavy stock removal to intermediate finish
- Excellent on stainless steel, carbon steel, cast iron, exotic alloys, Aluminum, bronze and brass
- Grinding Aid – a chemical that reduces the temperature of the working area, minimizing the risk of discoloration and deformation, in particular on stainless steel metal fabrication
- Aluminum oxide grits are for general purpose finishing applications on any kind of metals and alloys



272 mm long belts

Length	Mineral	Grit	Part No.	Qty/Box
75 mm	Z/A	60	72889	10
		80	72890	10
		120	72892	10
	A/O	180	72893	10
		240	72894	10
		320	73082	10

289 mm long belts

Length	Mineral	Grit	Part No.	Qty/Box
100 mm	Z/A	60	73083	10
		80	73084	10
		120	73085	10
	A/O	180	73086	10
		240	73087	10
		320	73088	10

394 mm long belts

Length	Mineral	Grit	Part No.	Qty/Box
89 mm	Z/A	60	72883	10
		80	72884	10
		120	72885	10
	A/O	180	72886	10
		240	72887	10
		320	72888	10

457 mm long belts

Length	Mineral	Grit	Part No.	Qty/Box
3 mm	Z/A	60	70015	30
		80	70016	30
		120	70018	30
	A/O	180	70020	30
		240	70021	30
		320	70022	30
6 mm	Z/A	60	70910	30
		80	70911	30
		120	70913	30
	A/O	180	70056	30
		240	70057	30
		320	70058	30
13 mm	Z/A	60	70938	30
		80	70939	30
		120	70941	30
	A/O	180	70104	30
		240	70105	30
		320	70106	30
19 mm	Z/A	60	70952	30
		80	70953	30
		120	70955	30
	A/O	180	70128	30
		240	70129	30
		320	70130	30
25 mm	Z/A	60	70980	30
		80	70981	30
		120	70983	30
	A/O	180	70164	30
		240	70165	30
		320	70166	30



DC 242 – Coated Abrasive Belts CLOTH BACKING

NEXT

27-33 m/s recommended speed



Zirconia Alumina (Z/A)



Aluminum oxide (A/O)

520 mm long belts

Length	Mineral	Grit	Part No.	Qty/Box
19 mm	Z/A	60	70959	30
		80	70960	30
		120	70962	30
	E/K	180	70140	30
		240	70141	30
		320	70142	30

610 mm long belts

Length	Mineral	Grit	Part No.	Qty/Box
3 mm	Z/A	60	70027	30
		80	70028	30
		120	70030	30
	A/O	180	70032	30
		240	70033	30
		320	70034	30
6 mm	Z/A	60	70917	30
		80	70918	30
		120	70920	30
	E/K	180	70068	30
		240	70069	30
		320	70070	30
13 mm	Z/A	60	70945	30
		80	70946	30
		120	70948	30
	A/O	180	70116	30
		240	70117	30
		320	70118	30

762 mm long belts

Length	Mineral	Grit	Part No.	Qty/Box
25 mm	Z/A	60	71001	10
		80	71002	10
		120	71004	10
	A/O	180	70200	10
		240	70201	10
		320	70202	10
38 mm	Z/A	60	73306	10
		80	73308	10
		120	73310	10
	A/O	180	73408	10
		220	73410	10
		240	24546	10
50 mm	Z/A	240	73412	10
		320	73412	10
		400	24540	10
	A/O	600	24541	10
		60	71029	10
		80	71030	10
50 mm	Z/A	120	71032	10
		180	70248	10
		240	70249	10
	A/O	320	70250	10



Non-Woven Abrasive Belts SURFACE CONDITIONING

27-33 m/s recommended speed

APPLICATIONS

- Satin finish and surface conditioning on metals and alloys

FEATURES

- Low-Stretch Non-Woven Nylon | 27-33 m/s MOS | Aluminum Oxide
- Controlled cut does not change the workpiece geometry

BENEFITS

- Burrs and surface oxidations are easily removed
- Easily blends the wild scratches from previous working steps
- Gives consistent and easily replicable finish on metals and alloys



Coarse Medium Very Fine



272 mm long belts

Length	Grit	Part No.	Qty/Box
75 mm	Coarse	73575	30
	Medium	73576	30
	Very Fine	73577	30

289 mm long belts

Length	Grit	Part No.	Qty/Box
100 mm	Coarse	73578	30
	Medium	73579	30
	Very Fine	73580	30

394 mm long belts

Length	Grit	Part No.	Qty/Box
89 mm	Coarse	73572	30
	Medium	73573	30
	Very Fine	73574	30

457 mm long belts

Length	Grit	Part No.	Qty/Box
6 mm	Coarse	73471	30
	Medium	73472	30
	Very Fine	73473	30
13 mm	Coarse	73480	30
	Medium	73481	30
	Very Fine	73482	30
19 mm	Coarse	73486	30
	Medium	73487	30
	Very Fine	73488	30
25 mm	Coarse	73492	30
	Medium	73493	30
	Very Fine	73494	30

520 mm long belts

Length	Grit	Part No.	Qty/Box
100 mm	Coarse	73489	30
	Medium	73490	30
	Very Fine	73491	30

610 mm long belts

Length	Grit	Part No.	Qty/Box
6 mm	Coarse	73474	30
	Medium	73475	30
	Very Fine	73476	30
13 mm	Coarse	73483	30
	Medium	73484	30
	Very Fine	73485	30

762 mm long belts

Length	Grit	Part No.	Qty/Box
25 mm	Coarse	73495	30
	Medium	73496	30
	Very Fine	73497	30
38 mm	Coarse	73512	30
	Medium	73514	30
	Very Fine	73600	30
50 mm	Coarse	73498	30
	Medium	73499	30
	Very Fine	73550	30

DG 922 – Coated Abrasive Discs ALOX/FILM BACKING

Recommended speed: 13,000 RPM MOS

APPLICATIONS

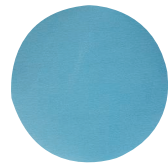
- ▶ Surface sanding on any type of wood, metal, composite, solid surface, filler, e-coat, primer, paint coat, clear coat and gel coat

FEATURES

- ▶ Aluminum oxide mineral together with film backing gives a very controlled and even sanding property
- ▶ Easily convertible from paper disc for better quality and longer life. Ideal for both dry and wet applications.

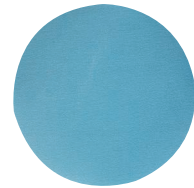
BENEFITS

- ▶ Polyester film backing allows long-lasting application time and better resistant to tear-off in difficult corners
- ▶ Anti-loading treatment greatly enhances the life of the product and also improves work piece finish
- ▶ Film works better than paper with uniform mineral coating on perfectly even film surface



Diameter 125 mm – 0 Hole

Grit	Part No.	Qty/Box
40	73520	50
60	73521	100
80	73522	100
100	73523	100
120	73524	100
150	73525	100
180	73526	100
220	73527	100
240	73528	100
280	73529	100
320	73530	100
400	73531	100
500	73533	100
600	73534	100
800	73535	100
1000	73536	100
1200	73537	100
1500	73538	100
2000	73839	100



Diameter 150 mm – 0 Hole

Grit	Part No.	Qty/Box
40	73220	50
60	73221	100
80	73222	100
100	73223	100
120	73224	100
150	73225	100
180	73226	100
220	73227	100
240	73228	100
280	73229	100
320	73230	100
360	73231	100
400	73232	100
500	73233	100
600	73234	100
800	73235	100
1000	73236	100
1200	73237	100
1500	73238	100
2000	73239	100



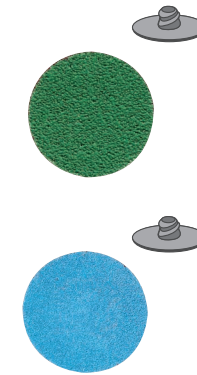
DC 321 – Locking-type Fiber Discs

APPLICATIONS

- ▶ Removal of thick weld seams, deburring, preparation for welding on thick steel, stainless steel and titanium workpieces

FEATURES AND BENEFITS

- ▶ Competitively priced heavy duty fiber disc with high grade Aluminum Zirconia mineral with a special chemical which helps to efficiently reduce heating in grinding applications
- ▶ Ideal for heavy stock removal to finishing on stainless steel, carbon steel, titanium, exotic alloys, bronze for price sensitive customers



Diameter	Grit	Attachment	MOS	Part No.	Qty/Box
50 mm	36	Locking-Type	30,000 RPM	73686	100
	60			73687	
	80			73688	
75 mm	120		73689		
	36		20,000 RPM	73589	
	60		73590		
100 mm	80		73591		
	120		73592		
	36		15,000 RPM	73671	
	60			73672	
	80			73673	
			120	73674	



DC 323 – Surface Conditioning Discs

APPLICATIONS

- ▶ Surface blending on car body panels for optimized processing, grinding down and smoothing welds
- ▶ Deburring, cleaning, oxide removal
- ▶ Removing light edge burrs and other irregularities on the surface
- ▶ For use on stainless steel, aluminum, titanium, alloys, fiberglass and plastic

FEATURES

- ▶ Non-woven web structure for less clogging and better lifetime than ordinary coated abrasive discs
- ▶ High content of aluminum oxide

BENEFITS

- ▶ Disc can be easily changed with one turn of the locking-type system
- ▶ Greater resistance to loading due to the open structure of the discs compared to standard surface conditioning discs
- ▶ No slipping with the locking-type system and always central run. Less downtime for changes

	A-COARSE	A-MEDIUM	A-VERY FINE	S-SUPER FINE
Scale Removal				
Stock Removal				
Heavy Deburring				
Light Deburring				
Light Finishing				
Blending				
Finishing				



Diameter	Grit	Attachment	Part No.	Product Name	Qty/Box
50 mm	A-Coarse	Locking-Type	72953	DS 323R	50
	A-Medium		72954		
	A-Very Fine		72955		
	S-Super Fine		22616		
75 mm	A-Coarse	Locking-Type	72956	DS 323R	25
	A-Medium		72957		
	A-Very Fine		72958		
	S-Super Fine		22617		
100 mm	A-Coarse	Locking-Type	72959	DS 323R	25
	A-Medium		72960		
	A-Very Fine		72961		
115 mm	A-Coarse	Hook Face	72950	DS 323V	10
	A-Medium		72951		
	Very Fine		72952		
	A-Very Fine		22341		
150 mm	A-Medium	Hook Face	22342	DS 323V	10
	A-Very Fine		22360		



DYNAFIRE CERAMIC FIBER DISCS WITH GRINDING AID

APPLICATIONS

- ▶ Removal of thick weld seams, deburring, preparation for welding on thick steel, stainless steel and titanium workpieces

FEATURES AND BENEFITS

- ▶ Heavy duty fiber disc with new generation of ceramic aluminum oxide mineral with a special chemical which helps very efficiently to reduce heating in grinding applications
- ▶ Ideal for heavy stock removal to finishing on stainless steel, carbon steel, titanium, exotic alloys and bronze



Diameter	Grit	Attachment	MOS	Part No.	Qty/Box
50 mm	36	Locking-Type	30,000 RPM	73800	100
	60			73801	
	80			73802	
	120			73803	
75 mm	36	Locking-Type	20,000 RPM	73804	100
	60			73805	
	80			73806	
	120			73807	
100 mm	36	Locking-Type	15,000 RPM	73675	100
	60			73676	
	80			73677	
	120			73678	

Diameter	Grit	Attachment	MOS	Part No.	Qty/Box
115 mm	36	Flange	12,000 RPM	73780	100
	60			73781	
	80			73782	
	120			73783	
125 mm	36	Flange	12,000 RPM	73784	100
	60			73785	
	80			73786	
	120			73787	
180 mm	36	Flange	8,500 RPM	73788	100
	60			73789	
	80			73790	
	120			73791	



DYNACUT™ Bonded Abrasives

APPLICATIONS

- ▶ Heavy Stock Removal and cut-off on steel/stainless steel and exotic Alloys

FEATURES

- ▶ 100% High-Performance ceramic grain abrasive
- ▶ High Strength resin and fiberglass reinforcement

BENEFITS

- ▶ Excellent cut rate
- ▶ Fast, cool cutting action provides a longer productive life
- ▶ 3-5 times the life of conventional aluminum oxide cut-off wheels

DEPRESSED CENTRE WHEELS



Size	Grit	Attachment	Part No.	MOS	Qty/Box
115 mm x 7 mm x 22 mm	24	Flange	22566	13.300 RPM	5
125 mm x 7 mm x 22 mm			22567	12.250 RPM	
230 mm x 7 mm x 22 mm			22568	6.650 RPM	



CUT-OFF DISCS – ALUMINUM ZIRCONIA

Size	Grit	Part No.	Qty/Box
75mm x 1mm x 10 mm	46	23368	100
100 mm x 1 mm x 10 mm		24668	25



CERAMIC CUT-OFF DISCS



Size	Grit	Part No.	Qty/Box
115 mm x 1,3 mm x 22 mm	60	22613	15
12 mm x 1,3 mm x 22 mm		22614	
230 mm x 2 mm x 22 mm		22615	



COST SAVINGS PROGRAM QUANTIFYING THE VALUE WE ADD

10 Steps to Save Costs and Optimize Time.

Dynabrade provides the service of documenting cost savings to improve our customer's profitability and strengthen our relationship with our business partners. An avenue to solidify that relationship is to reduce the amount of time it takes to achieve the desired outcome from their operations.

Even saving just a few minutes per part can equate to a significant cost savings throughout the year. Substantial cost savings can be achieved by using high-quality, American made Dynabrade products and by focusing on reducing cycle times for labor intensive operations.



Conversion Table

LENGTH

	Meters	Centimeters	Millimeters
1 Inch (in.)	0.0254 m	2.54 cm	25.4 mm
1 Foot (ft.)	0.3048 m	30.48 cm	304.8 mm

WEIGHT

	Kilograms	Grams
1 Ounce (oz.)	0.02835 kg	28.35 g
1 Pound (lb.)	0.454 kg	454 g

POWER

	Kilowatts	Watts
1 hp	0.745 kW	745 W

VOLUME

	Liters
1 US Gallon	3.785 l

TORQUE

	Newton Meters
1 Inch-ounce	0.00706 Nm
1 Inch-pound	0.11298 Nm

COMMON SIZES

Inch	Millimeters	Inch	Millimeters
3/32"	2.5 mm	4-1/2"	115 mm
1/8"	3 mm	5"	125 mm
3/16"	5 mm	6"	150 mm
1/4"	6 mm	7"	180 mm
3/8"	10 mm	8"	200 mm
1/2"	13 mm	9"	230 mm
3/4"	19 mm	11"	280 mm
1"	25 mm	12"	305 mm
1-1/4"	32 mm	18"	457 mm
2"	50 mm	20-1/2"	521 mm
2-3/4"	70 mm	24"	610 mm
3"	75 mm	30"	762 mm
3-1/2"	90 mm	34"	864 mm
4"	100 mm	44"	1118 mm

COMMON RECTANGULAR SIZES (W X L)

Inch	Millimeter
4" x 4-5/16"	100 mm x 110 mm
4-1/4" x 4-1/12"	110 mm x 115 mm
2-3/4" x 8"	70 mm x 200 mm
2-3/4" x 11"	70 mm x 280 mm
3-2/3" x 7"	93 mm x 180 mm
2-7/8" x 3-1/8"	73 mm x 80 mm
2-3/8" x 3-3/4"	60 mm x 95 mm

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WE LISTEN. WE OBSERVE. WE OPTIMIZE.