



# DYNABRADE® VOCATIONAL PROGRAM

## 2024 PROGRAM OFFERINGS & PRICING



**PROUD TO  
SUPPORT  
THE TRADES**



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



## DYNABRADE VOCATIONAL PROGRAM



At Dynabrade, we are committed to supporting the future generation of skilled industrial tradespeople. We take pride in providing vocational high schools, colleges, and trade

training programs with our USA-made Industrial and Nitro Series™ power tools at a special educational discount. By offering quality tools at accessible prices, we aim to empower students and professionals alike to excel in their craft and contribute to advancing industrial trades. Our dedication to education and innovation drives us to continuously enhance our products and services, ensuring that we remain a trusted partner in the development of skilled professionals for generations to come.

It is the policy of Dynabrade, Inc. to sell through a network of authorized distributors. These distributors will be able to offer the Dynabrade Vocational Program to training centers and schools. All tools under the education pricing program are also available to educators and students within the approved programs.

Dynabrade is proud to be a USA manufacturer of industrial power tools. Headquartered in Clarence, New York, we are the global leader in the innovative design and manufacture of superior industrial power tools. With our commitment to quality, have earned a reputation for excellence and have achieved a position of leadership in the industrial pneumatic power tool market.



Dynabrade's Nitro Series™ are high-quality air tools that were designed in the USA and manufactured

offshore. Like traditional Dynabrade tools, Dynabrade Nitro Series™ spans a wide variety of categories including belt tools, die grinders, disc sanders, cut-off tools as well as surface preparation tools, buffers, and polishers.





## METALWORKING INDUSTRY

Products for Metalworking ..... 4-6

## REFINISHING INDUSTRIES

Products for the Automotive,  
Aerospace, and Marine Refinishing Industries..... 7-8

## WOODWORKING INDUSTRY

Products for Woodworking ..... 9-10

## ACCESSORIES

Recommended Accessories ..... 11-12

## TRAINING INFORMATION

Training Information ..... 13

## EDUCATIONAL DISCOUNT POLICY & PRICING

Dynabrade Vocational Program:  
Educational Discount Policy and Pricing..... 14-15

For more information on Dynabrade's Educational Program  
visit our website:



# POPULAR PRODUCTS FOR THE METALWORKING INDUSTRY

## DIE GRINDERS

Model No.	Head Style	Speed	Power	Collet Insert	Gear Style	Exhaust	Hose I.D.	Air Inlet	Weight	Brand
DGR51	Right Angle	14,000 RPM	.5 hp (373 W)	1/4"	Gearless	Rear	1/4"	1/4"	1.6 lbs	Dynabrade Nitro Series™
DGS51	Straight	20,000 RPM					3/8"	NPT	1.3 lbs	
48325	Straight	25,000 RPM	.4 hp (298 W)	1/4"	Gearless	Rear	1/4"	1/4"	.9 lbs	Dynabrade® USA MADE
52278		20,000 RPM	.7 hp (522 W)						3/8"	
48205	7° Offset	25,000 RPM	.4 hp (298 W)	1/4"	Gearless	Extended Rear	1/4"	1/4"	1.3 lbs	Dynabrade® USA MADE
48335									Rear	
52222		20,000 RPM	.5 hp (373 W)			3/8"			2.1 lbs	
52294			.7 hp (522 W)						2.2 lbs	
48317	Right Angle	20,000 RPM	.4 hp (298 W)	1/4"	Geared	Rear	1/4"	1/4"	1 lb	Dynabrade® USA MADE
46002						Extended Rear			1.2 lbs	
54359						Rear			3/8"	

\*For all accessories see pages 11-12



## DISC SANDERS

Model No.	Diameter	Head Style	Speed	Power	Gear Style	Exhaust	Hose I.D.	Air Inlet	Weight	Brand
DS32	2" (50 mm)	Right Angle	18,000 RPM	.3 hp (224 W)	Gearless	Rear	3/8"	1/4" NPT	1.1 lbs	Dynabrade Nitro Series™
DS53	3" (76 mm)		14,000 RPM	.5 hp (373 W)					1.7 lbs	
47822	2" (50 mm)	Right Angle	20,000 RPM	.4 hp (298 W)	Geared	Front	1/4"	1/4" NPT	1.1 lbs	Dynabrade® USA MADE
48522						Extended Rear			1.3 lbs	
48500		7° Offset			Gearless	Extended Rear			1.3 lbs	
48503						Rear			1.1 lbs	
48532	Right Angle	20,000 RPM	.4 hp (298 W)	Geared	Extended Rear	1/4"		1.2 lbs		
52412	3" (76 mm)	7° Offset	20,000 RPM	.7 hp (522 W)	Gearless	Front	3/8"	1/4" NPT	2.2 lbs	Dynabrade® USA MADE
52413			Rear			2.4 lbs				
52415			Extended Rear			2.4 lbs				
50321	4-1/2" (114 mm)	Right Angle	11,000 RPM	.7 hp (522 W)	Gearless	Rear	3/8"	1/4" NPT	2.9 lbs	Dynabrade® USA MADE
52634	12,000 RPM	1.3 hp (969 W)	Rotational	Rotational	3/8"	3/8" NPT	4.4 lbs			



DGR51



52634



\*For all accessories see pages 11-12

**GRINDERS & CUT-OFF WHEEL TOOLS**

Model No.	Diameter	Type	Speed	Power	Spindle	Exhaust	Hose I.D.	Air Inlet	Weight	Brand
52632	4-1/2" (114 mm)	Depressed Center Wheel Grinder	12,000 RPM	1.3 hp (969 W)	5/8"-11	Side	3/8"	3/8" NPT	5.2 lbs	Dynabrade® USA MADE
50340	4-1/2" (114 mm)	Pistol Grip Grinder	11,000 RPM	.7 hp (522 W)	5/8"-11	Rear	3/8"	1/4" NPT	2.9 lbs	
52431	4" (102 mm)	Offset Cut-Off Wheel Tool	20,000 RPM	.7 hp (522 W)	5/8"-11	Front	1/4"	1/4" NPT	2.8 lbs	
52434	3" (76 mm)	Straight-Line Cut-Off Tool	20,000 RPM	.5 hp (373 W)	5/8"-11	Front	3/8"	1/4" NPT	2.2 lbs	
ECU4	4" (102 mm)		14,000 RPM	1 hp (746 W)	3/8"-24	Rear	3/8"	1/4" NPT	4.1 lbs	Dynabrade Nitro Series™



52632



50340



52431



ECU4

**BELT SANDERS**

Model No.	Belt Length	Belt Width	Head Style	Speed	Power	Exhaust	Air Inlet	Hose I.D.	Weight	Brand
14000	24"	1/8"-1/2"	Set	20,000 RPM	.5 hp (373 W)	Front	1/4" NPT	1/4"	3.3 lbs	Dynabrade® USA MADE
14010 (14000 Kit)									3.8 lbs	
40320	18"	1/4"-3/4"	Adjustable	20,000 RPM	.5 hp (373 W)	Front	1/4" NPT	3/8"	2.8 lbs	
40321 (40320 Kit)									3.5 lbs	
40610 (Electric)	18"	1/8"-3/4"	Adjustable	10,500 RPM	120 V (7 Amp)	Rear	-	-	5 lbs	
40611 (40610 Kit)	18"	1/8"-3/4"	Adjustable	10,500 RPM	120 V (7 Amp)	Rear	-	-	7.3 lbs	



14010



40321



40611



ECU4



40320



**SPECIALTY BELT SANDERS**

Model No.	Belt Length	Belt Width	Head Style	Speed	Power	Exhaust	Air Inlet	Hose I.D.	Weight	Brand
DYS1K	15-1/2"	3-1/2"	Right Angle	800-3,000 RPM	120 V (9 Amp)	Rear	-	-	4.9 lbs	Dynabrade Nitro Series™
13450K			Right Angle	2,800 RPM	1 hp (746 W)		3/8" NPT	3/8"	10.9 lbs	
13400K	15-1/2"	3-1/2"	Right Angle						7.8 lbs	
13204K			Straight	3,400 RPM	.7 hp (522 W)	Rear	1/4" NPT	3/8"	7.5 lbs	Dynabrade® USA MADE
14360	30"	1/2" to 1-1/2"	Adjustable						6.1 lbs	

\*For all accessories see pages 11-12



DYS1K



13450K



13204K



14360

**ORBITAL SANDERS**

Model No.	Diameter	Pad Face	Orbit	Speed	Power	Orbit Pattern	Air Inlet	Hose I.D.	Weight	Brand
X31	3"	Hook-Face	3/16"	12,000 RPM	.1 hp (75 W)	Random Orbital	1/4" NPT	1/4"	1.2 lbs	
X51	5"	PSA	3/16"	12,000 RPM	.3 hp (224 W)	Random Orbital	1/4" NPT	1/4"	1.8 lbs	Dynabrade® USA MADE
X51H		Hook-Face								
X61	6"	PSA	3/16"	12,000 RPM	.3 hp (224 W)	Random Orbital	1/4" NPT	1/4"	1.9 lbs	
X61H		Hook-Face								



X31



X51

**DUAL-ACTION SANDERS**

Model No.	Diameter	Pad Face	Orbit	Orbit Pattern	Speed	Power	Vacuum Type	Air Inlet	Hose I.D.	Weight	Brand
58430	5"	Hook-Face	3/16"	Orbit & Rotary	12,000 RPM	.45 hp (336 W)	Non-Vacuum	1/4" NPT	1/4"	2.9 lbs	Dynabrade® USA MADE
58435	6"										



58430

**DOWNDRAFT TABLES**

Model No.	Material Collection	Size	Motor Power	Power	Frequency	Air Flow	Weight	Brand
64400	Metal Capture	36" x 60"	3 hp	230 V	60 HZ	1,800 CFM	600 lbs	Dynabrade Raptor Vac® Vacuum Systems
64401				460 V				



64207/64700



X51



14360



**POPULAR PRODUCTS FOR THE AUTOMOTIVE, AEROSPACE, AND MARINE REFINISHING INDUSTRIES**

**\*For all accessories see pages 11-12**

DIE GRINDERS	Model No.	Collet	Head Style	Gear Style	Speed	Power	Exhaust	Air Inlet	Hose I.D.	Weight	Brand
	DGR31	1/4"	Right Angle	Gearless	18,000 RPM	.3 hp (224 W)	Rear	1/4" NPT	1/4"	1.1 lbs	Dynabrade Nitro Series™
	DGR51				14,000 RPM	.5 hp (373 W)				1.6 lbs	
	DGS31		Straight-Line		25,000 RPM	.3 hp (224 W)				1 lb	
	DGS51				20,000 RPM	.5 hp (373 W)				1.3 lbs	



DGR51



DGS51

DISC SANDERS	Model No.	Diameter	Head Style	Gear Style	Speed	Power	Exhaust	Air Inlet	Hose I.D.	Weight	Brand
	DS32	2"	Right Angle	Gearless	18,000 RPM	.3 hp (224 W)	Rear	1/4" NPT	3/8"	1.1 lbs	Dynabrade Nitro Series™
	DS53	3"			14,000 RPM	.5 hp (373 W)				1.7 lbs	



DS53

SPECIALTY TOOLS	Model No.	Type	Head Style	Abrasive Type	Speed	Power	Exhaust	Air Inlet	Hose I.D.	Weight	Brand
	NZ1	Decal Removal	Right Angle	Rubber or Wire	3,500 RPM	.5 hp (373 W)	Rear	1/4" NPT	3/8"	2.3 lbs	Dynabrade Nitro Series™
	RS1	Reciprocating Saw	Straight-Line	Saw Blade	9,000 SPM	3/8" Stroke Length				1.6 lbs	
ECU4	Cut-Off Tool	Straight-Line	Cut-Off Wheel	14,000 RPM	1 hp (746 W)	4.1 lbs					



NZ1



RS1



ECU4

BELT SANDERS	Model No.	Belt Length	Belt Width	Head Style	Speed	Power	Exhaust	Air Inlet	Hose I.D.	Weight	Brand
	MNF1	12"	1/8"-1/2"	Adjustable	25,000 RPM	.4 hp (298 W)	Front	1/4" NPT	3/8"	1.7 lbs	Dynabrade Nitro Series™
	NF1	18"	1/4"-3/4"		20,000 RPM	.5 hp (373 W)				2.6 lbs	
40320	18"	1/4"-3/4"	20,000 RPM		.5 hp (373 W)	2.8 lbs				Dynabrade® USA MADE	



MNF1



NF1



40320

BUFFERS	Model No.	Diameter	Pad Face	Motion	Speed	Power	Exhaust	Air Inlet	Hose I.D.	Weight	Brand
	EB3	3"	5"-8"	Rotary	2,700 RPM	.5 hp (373 W)	Rear	1/4" NPT	3/8"	2.2 lbs	Dynabrade Nitro Series™
	RB1	6"			2,800 RPM	1 hp (746 W)		1/4" NPT	3/8"	4.5 lbs	
	RB3 (Electric)				800-3,000 RPM	110 V		-	-	5 lbs	
	ROB1 (Electric)	6"	Hook-Face	21 MM Random Orbital	1,800-4,400 RPM	110 V		-	-	7 lbs	Dynabrade® Renny Dole Series
	DB8 (Electric)	5" or 6"		6.8 MM Gear Driven	150-350 RPM	115 V		-	-	5.7 lbs	
58445	8"	3/16" Gear Driven	900 RPM	.45 hp (336 W)	1/4" NPT	1/4"		4 lbs	Dynabrade® USA MADE		
58446							4.4 lbs				



EB3



ROB1



DB8



58445



**\*For all accessories see pages 11-12**

**KEY**  
**V - Vacuum**  
**HS - Speed Regulator**

	Model No.	Diameter	Pad Face	Orbit	Speed	Power	Vacuum Type	Air Inlet	Hose I.D.	Weight	Brand		
<b>RANDOM ORBITAL SANDERS</b>	DN1	1-1/4"	PSA	1/8"	8,500 RPM	.02 hp (14.9 W)	Non-Vacuum	1/4" NPT	1/4"	1 lb	Dynabrade Nitro Series™		
	X31	3"	Hook-Face	3/16"	12,000 RPM	.1 hp (75 W)	Non-Vacuum	1/4" NPT	1/4"	1.2 lbs	Dynabrade® USA MADE		
	X32			3/32"									
	X31V*			3/16"			Vacuum						
	X32V*			3/32"									
	59179			3/16"								Hook-Face	.25 hp (186 W)
	59180	3/32"											
	59182	3/16"	Vacuum										
	59183	3/32"											
	X61	6"	PSA	3/16"	12,000 RPM	.3 hp (224 W)	Non-Vacuum	1/4" NPT	1/4"	1.9 lbs	Dynabrade® USA MADE		
	X61HS*											Hook-Face	3/16"
	X61V*			Non-Vacuum									
	X61VHS*					Vacuum							
	X62HS*			3/32"			Non-Vacuum			1.8 lbs			
	X62VHS*					Vacuum						2 lbs	
	NS11	11"	PSA	3/4"	2,800 RPM		1 hp (746 W)	Non-Vacuum	3/8" NPT	3/8"	8.8 lbs		Dynabrade Nitro Series™
	NS11V*					Vacuum						10 lbs	



X31



59179



X61VHS



NS11

\*See KEY on top right for model type.

	Model No.	Material Collection	Tools Included	Hose Included	Power	Capacity	Auto ON/OFF	Air Inlet	Hose I.D.	Vac. Weight	Brand
<b>VACUUM SYSTEMS</b>	M1010SP	Non-Metallic General Collection	59182	31972 (20 ft)	120 V	20 Gallon	Yes	1/4" NPT	3/8"	85 lbs	Dynabrade Raptor Vac® Vacuum Systems
	M1020EX		X61VHS								
	M1015SP		59182								
	M1025EX		X61VHS								



M1010SP

\*For Dry Use ONLY.



X31



DB8



M1025EX



# POPULAR PRODUCTS FOR THE WOODWORKING INDUSTRY

\*For all accessories see pages 11-12

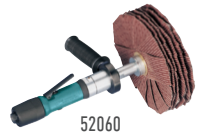
RANDOM ORBITAL SANDERS	Model No.	Diameter	Pad Face	Orbit	Speed	Power	Vacuum Type	Air Inlet	Hose I.D.	Weight	Brand
	X31	3"	Hook-Face	3/16"	12,000 RPM	.1 hp (75 W)	Non-Vacuum	1/4" NPT	1/4"	1.2 lbs	Dynabrade® USA MADE
	X32			3/32"							
	X31V			3/16"							
	X32V			3/32"							
	59024	5"	PSA	3/16"	12,000 RPM	.25 hp (186 W)	Vacuum	1/4" NPT	1/4"	1.5 lbs	Dynabrade® USA MADE
	59039			3/32"							
	X51		PSA	3/16"		.3 hp (224 W)	Non-Vacuum			1.8 lbs	
	X51V										
	59020		PSA	3/16"		.25 hp (186 W)	Vacuum			1.4 lbs	
59035	3/32"										
58054	Hook-Face		3/16"	.25 hp (186 W)		Self-Generated	2.3 lbs				
59038			PSA							3/32"	
59029	6"	PSA	3/16"	12,000 RPM	.3 hp (224 W)	Vacuum	1/4" NPT	1/4"	1.5 lbs	Dynabrade® USA MADE	
59044			3/32"								.25 hp (186 W)
X61		PSA	3/16"		.3 hp (224 W)	Vacuum			2 lbs		
X61V											Hook-Face
59025		PSA	3/16"		.25 hp (186 W)	Non-Vacuum			1.4 lbs		
59040			3/32"								
59028		PSA	3/16"		.25 hp (186 W)	Self-Generated			1.5 lbs		
59043			3/32"								



DUAL-ACTION SANDERS	Model No.	Diameter	Pad Face	Orbit	Orbit Pattern	Speed	Power	Vacuum Type	Air Inlet	Hose I.D.	Weight	Brand
	58430	5"	Hook-Face	3/16"	Orbit & Rotary	12,000 RPM	.45 hp (336 W)	Non-Vacuum	1/4" NPT	1/4"	2.9 lbs	Dynabrade® USA MADE
	58435	6"										



SPECIALTY SANDING TOOLS	Model No.	Pad Type	Pad Shape	Pad Face	Orbit	Speed	Power	Vacuum Type	Air Inlet	Hose I.D.	Weight	Brand
	57900	Adjustable	Triangle	Hook-Face	1/32"	13,000 RPM	.12 hp (89 W)	Non-Vacuum	1/4" NPT	1/4"	1.8 lbs	Dynabrade® USA MADE
	57910 (57900 Kit)		Multiple-Pad Kit								2 lbs	
	57906		Trapezoid								1.6 lbs	
52060	Abrasive Star	Star	-	5/8" or 1"	200-950 RPM	.4 hp (298 W)				3.7 lbs		





# WOODWORKING

\*For all accessories see pages 11-12

	Model No.	Pad Shape	Pad Size	Pad Type	Orbit/Stroke Length	Speed	Power	Vacuum Type	Air Inlet	Hose I.D.	Weight	Brand
<b>IN-LINE SANDER</b>	58500	Rectangle	3" W x 4-1/4" L	Hook-Face	3/32" Orbit	10,000 SPM	.11 hp (82 W)	Non-Vacuum	1/4" NPT	1/4"	1.8 lbs	Dynabrade® USA MADE
	58510		3" W x 4" L							1.6 lbs		
	57400		2-3/4" W x 8" L	PSA	3/8" Stroke Length	2,400 SPM	.3 hp (224 W)	Non-Vacuum	1/4"	2.6 lbs		
	57404									Vacuum		



	Model No.	Belt Length	Belt Width	Head Style	Speed	Power	Exhaust	Air Inlet	Hose I.D.	Weight	Brand
<b>BELT SANDERS</b>	14000	24"	1/8"-1/2"	Set	20,000 RPM	.5 hp (373 W)	Front	1/4" NPT	1/4"	3.3 lbs	Dynabrade® USA MADE
	14010 (14000 Kit)	24"	1/8"-1/2"	Set					1/4"	3.8 lbs	
	40320	18"	1/4"-3/4"	Adjustable					3/8"	2.8 lbs	
	40321 (40320 Kit)	18"	1/4"-3/4"	Adjustable	3/8"	3.5 lbs					
	40610 (Electric)	18"	1/8"-3/4"	Adjustable	10,500 RPM	120 V, 7 Amp	Rear	-	-	5 lbs	
	40611 (40610 Kit)									7.3 lbs	



	Model No.	Material Collection	Vacuum Included	Tools Included	Hose Included	Power	Capacity	Auto ON/OFF	Tool Air Inlet	Hose I.D.	Vac. Weight	Brand
<b>VACUUM SYSTEMS</b>	10208	Non-Metallic General Collection	61421	59024 (2)	31972 (20 ft) (2)	120 V	20 Gallon	Yes	1/4" NPT	3/8"	85 lbs	Dynabrade Raptor Vac® Vacuum Systems
	10209			X61VHS (2)								
	10210			X51V (2)								
	61421		-	-								



	Model No.	Material Collection	Size	Motor Power	Power	Current Amps	Air Flow	Weight	Brand
<b>DOWNDRAFT TABLES</b>	64207	Non-Metallic General Collection	36" x 72"	1 hp	230 V	7 Amps	3,000 CFM	323 lbs	Dynabrade Raptor Vac® Vacuum Systems
	64700				115 V	13 Amp			



58500



57900



## DYNASWIVEL® AIR LINE CONNECTORS

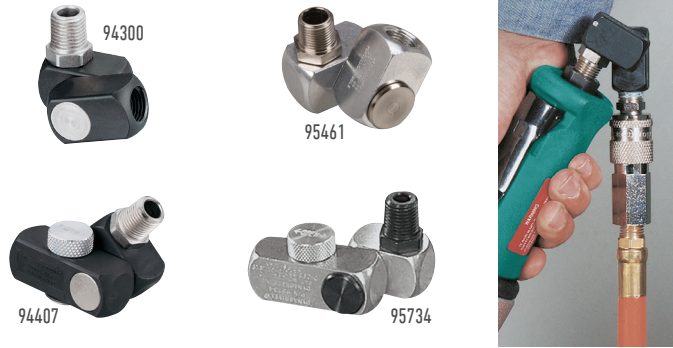
NEVER FIGHT AN AIR TOOL AGAIN!

- 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)
Aluminum & Stainless Steel	95460	1/4" NPT	Standard	up to 25 SCFM (708 LPM)
	95461	3/8" NPT		up to 45 SCFM (1,275 LPM)
	95462	1/2" NPT	up to 65 SCFM (1,841 LPM)	
	95734	1/4" NPT	Flow Control	up to 25 SCFM (708 LPM)



## DYNABRADE AIR LUBE (10W/NR)

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. 95821

**1 pt. (473 ml)** Part No. 95842



## GREASE AND GREASE GUN

Workable temperature range 0° – 300° F

- 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

For optimal Rebel 2.8 hp Series Performance

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

**45 g** Part No. 96664



**FOR A PNEUMATIC POWER TOOL TO RUN AT ITS OPTIMUM SPEED AND POWER, IT MUST BE USED WITH THE PROPER AIRLINE FITTINGS ALONG THE ENTIRE AIRLINE.**

If you have any questions or concerns on the correct air pressure getting to your tools, please reach out to your Dynabrade Territory Manager or email us at Education@dynabrade.com

**FOLLOW THESE STEPS TO DETERMINE THE PROPER AIRLINE ACCESSORIES**

- 1 - Confirm the Air Inlet size of the tool, this is your Plug Thread Size. Dynabrade Tools require a Male Plug Thread.
- 2 - Confirm the Thread Size on your Hose Fitting, this is your Coupler Thread Size.
- 3 - Pick the Plug and Coupler Combo that meets those size requirements and that has the same Body Size.

**Dynabrade tools require a Male Plug (Air Inlet Thread)**

**Any Coupler will work with any Plug if they have the same body size**

Plug Thread Fitting Style	Plug Thread Style	Plug	Plug & Coupler Body Size	Coupler Thread Fitting & Style	Hose Fitting Size & Coupler Thread Size	Coupler	Coupling Type
Male	1/4"	95675	1/4"	Female	1/4" NPT	95674	MegaFlow Safety Coupler
	3/8"	96005					
	3/8"	98263	3/8"	Female	3/8" NPT	98261	
	1/2"	98271					

Plug Thread Fitting Style	Plug Thread Style	Plug	Plug & Coupler Body Size	Coupler Thread Fitting & Style	Hose Fitting Size & Coupler Thread Size	Coupler	Coupling Type
Female	1/4"	95677	1/4"	Male	1/4" NPT	95684	MegaFlow Safety Coupler
	3/8"	98264	3/8"	Male	3/8" NPT	98262	
	1/2"	98272					

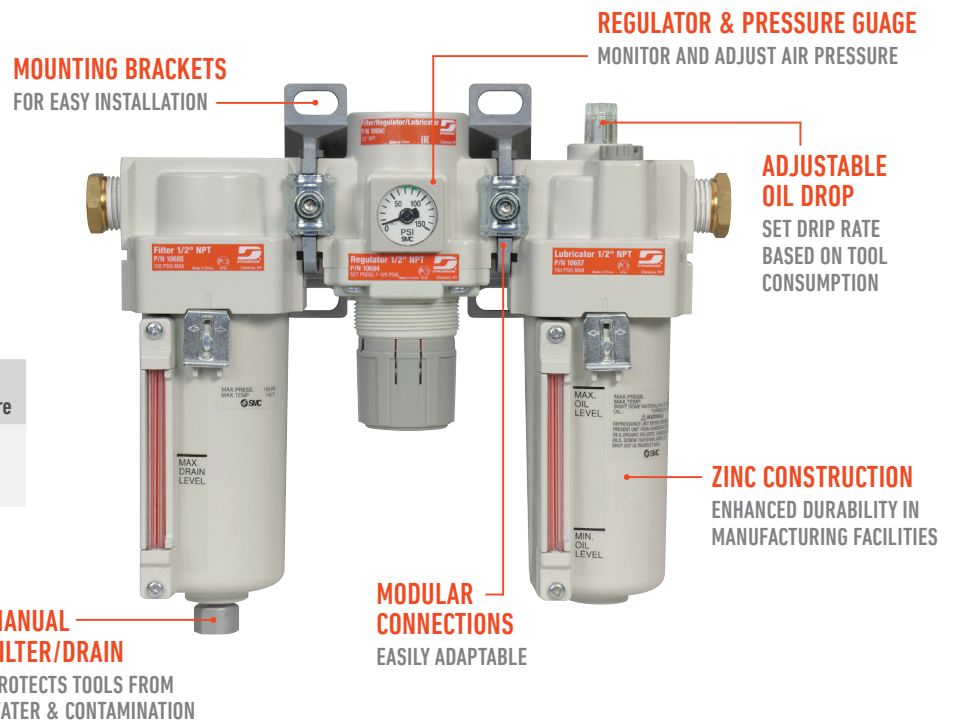
**FILTER-REGULATOR-LUBRICATOR**

**10690**

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.

Inlet/Outlet Port Size	Maximum Air Pressure	Maximum Air Flow	Maximum Air Temperature
1/2" NPT	150 PSIG (10.3 Bar)	106 SCFM (3,000 LPM)	150° F (65° C)

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





## AIR POWERED VS. ELECTRIC POWER TOOLS

**WHEN COMPARED WITH ELECTRIC TOOLS, AIR TOOLS OFFER THE FOLLOWING ADVANTAGES:**

### ERGONOMICS

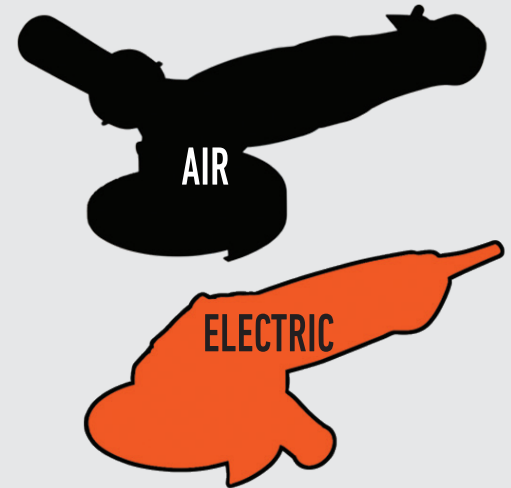
- **Lighter** - operator friendly when being used frequently or for an extended time.
- **Smaller** - easier to handle and work in confined areas.
- **Lower vibration** - reduces risk of operator injury.
- **Quieter** - promotes operator health and safety.

### DURABILITY

- **Completely Enclosed** - unlike electric tools which can let in exterior particles, impeding performance.
- In demanding production settings, Air Power Tools can outperform and last longer than electric power tools.

### NO ELECTRICAL SHOCK

- Unlike electric tools, air tools can be used safely with water, an important consideration in many industrial applications.



*Dynabrade's Air Powered Grinders have the majority of their weight in the head of the tool, allowing the tool to do most of the work.*

*Electric Grinders have the weight in the handle, requiring the operator to use more man power to compensate.*

## RECOMMENDED AIR SYSTEM

### A SUFFICIENT SUPPLY OF COMPRESSED AIR IS NECESSARY

- The air system must be able to deliver an adequate volume of air and maintain the rated operating pressure at the inlet of the tool.

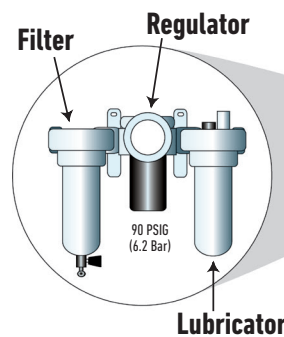
### THE SUPPLY OF AIR MUST BE FREE OF CONTAMINATION

- The types of contamination that need to be eliminated are:
  - Water (condensation produced by the temperature change while compressing the air).
  - Rust Scale (rust particles produced inside iron pipes).
  - Atmospheric Dust (dust that is pulled into the compressor from the work environment).

Also, it is important to keep dust and debris from entering the air motor when the tool is disconnected from the air supply hose. Always keep the tool air inlet, hose ends, plugs and couplers clear of dust.

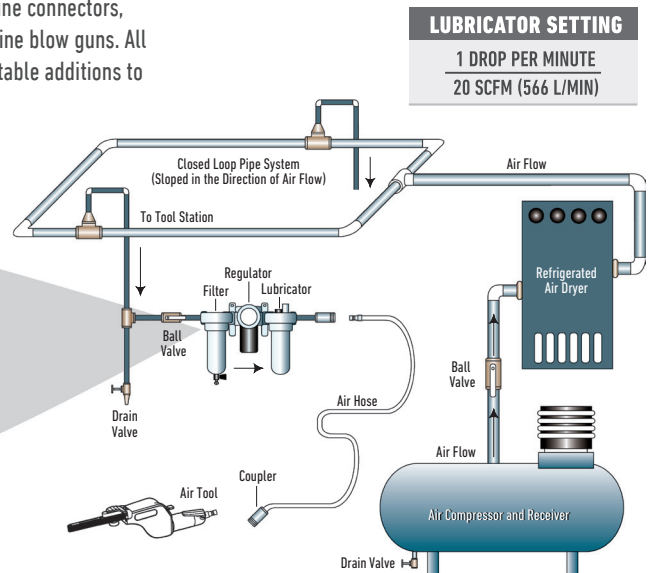
### FILTER-REGULATOR-LUBRICATOR IS RECOMMENDED

- As an air tool manufacturer, Dynabrade recommends the use of a Filter-Regulator-Lubricator at each tool station. We also encourage the use of correctly sized accessories that will deliver a sufficient supply of air. Some examples of Dynabrade air tool accessories are Dynaswivel® air line connectors, quick disconnect fittings, and in-line blow guns. All of these accessories make for suitable additions to any compressed air system.



### LUBRICATOR (OIL) THROUGH THE AIR SUPPLY IS IMPORTANT

- Supplying oil to rotary vane air motors reduces friction and wear of the moving parts, and provides protection for steel components.



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



Dynabrade, Inc.  
8989 Sheridan Drive  
Clarence, New York 14031-1419

---

USA Customers 1-800-828-7333  
Canada Customers 1-800-344-1488  
dynabrade.com

Distributed By: