



DYNABRADE® VOCATIONAL PROGRAM

2024 PROGRAM OFFERINGS



**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 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 Metalworking4-6

REFINISHING INDUSTRIES

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

WOODWORKING INDUSTRY

Products for Woodworking9-10

ACCESSORIES

Recommended Accessories11-12

TRAINING INFORMATION

Training Information13

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" NPT	1.6 lbs	Dynabrade Nitro Series™
	DGS51	Straight	20,000 RPM					3/8"	1.3 lbs		
	48325	Straight	25,000 RPM	.4 hp (298 W)	1/4"	Gearless	Rear	1/4"	1/4" NPT	.9 lbs	Dynabrade® USA MADE
	52278		20,000 RPM	.7 hp (522 W)			Extended Rear	3/8"	2.3 lbs		
	48205	7° Offset	25,000 RPM	.4 hp (298 W)	1/4"	Gearless	Extended Rear	1/4"	1/4" NPT	1.3 lbs	Dynabrade® USA MADE
	48335						Rear			1 lb	
	52222		20,000 RPM	.5 hp (373 W)			Extended Rear	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" NPT	1 lb	Dynabrade® USA MADE
	46002						Extended Rear			1.2 lbs	
	54359		18,000 RPM	.7 hp (522 W)			Rear	3/8"		2.2 lbs	

*For all accessories see pages 11-12



DGR51



48325



48205



46002

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	1/4"		1.3 lbs	
	48500		7° Offset	25,000 RPM	Gearless	Extended Rear	1/4"	1.3 lbs			
	48503					Rear	1/4"	1.1 lbs			
	48532	3" (76 mm)	Right Angle	20,000 RPM	.4 hp (298 W)	Geared	Extended Rear	1/4"	1/4" NPT	1.2 lbs	Dynabrade® USA MADE
	52412			7° Offset	20,000 RPM	Gearless	Front	3/8"		2.2 lbs	
	52413		15,000 RPM		.7 hp (522 W)		Rear			2.4 lbs	
	52415		20,000 RPM		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	



DS53



48522



48503



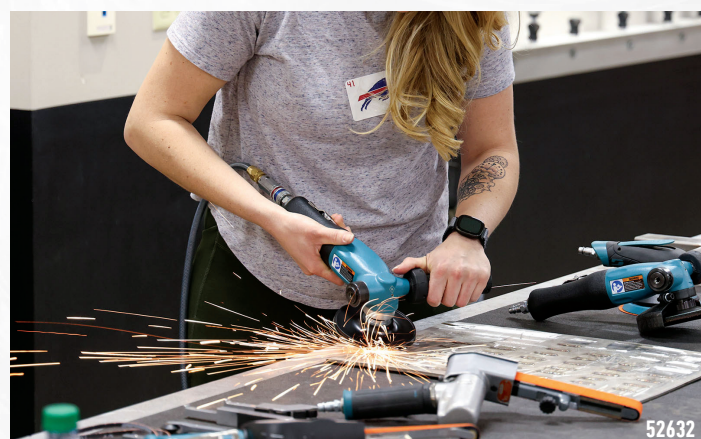
52413



52634



DGR51



52632

*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

	Model No.	Collet	Head Style	Gear Style	Speed	Power	Exhaust	Air Inlet	Hose I.D.	Weight	Brand	
DIE GRINDERS	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		

*For all accessories see pages 11-12



DGR51



DGS51

	Model No.	Diameter	Head Style	Gear Style	Speed	Power	Exhaust	Air Inlet	Hose I.D.	Weight	Brand
DISC SANDERS	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

	Model No.	Type	Head Style	Abrasive Type	Speed	Power	Exhaust	Air Inlet	Hose I.D.	Weight	Brand
SPECIALTY TOOLS	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

	Model No.	Belt Length	Belt Width	Head Style	Speed	Power	Exhaust	Air Inlet	Hose I.D.	Weight	Brand
BELT SANDERS	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"	Hook-Face	Rotary	2,700 RPM	.5 hp (373 W)	Rear	1/4" NPT	3/8"	2.2 lbs	Dynabrade Nitro Series™
	RB1	5"-8"			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"		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

REFINISHING

*For all accessories
see pages 11-12

KEY

V - Vacuum
HS - Speed Regulator



X31



59179



X61VHS



NS11

RANDOM ORBITAL SANDERS

Model No.	Diameter	Pad Face	Orbit	Speed	Power	Vacuum Type	Air Inlet	Hose I.D.	Weight	Brand
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"			Vacuum				
X31V*			3/16"							
X32V*			3/32"							
59179	6"	Hook-Face	3/16"	12,000 RPM	.25 hp (186 W)	Non-Vacuum	1/4" NPT	1/4"	1.5 lbs	Dynabrade® USA MADE
59180			3/32"			Vacuum			1.4 lbs	
59182			3/16"						1.5 lbs	
59183			3/32"			1.4 lbs				
X61		PSA	3/16"		.3 hp (224 W)	Non-Vacuum			1.9 lbs	
X61HS*		Hook-Face	3/16"		.3 hp (224 W)	Non-Vacuum			1.9 lbs	
X61V*						Vacuum			2 lbs	
X61VHS*									2 lbs	
X62HS*						Non-Vacuum			1.8 lbs	
X62VHS*			3/32"			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	

*See KEY on top right for model type.

VACUUM SYSTEMS

Model No.	Material Collection	Tools Included	Hose Included	Power	Capacity	Auto ON/OFF	Air Inlet	Hose I.D.	Vac. Weight	Brand
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								

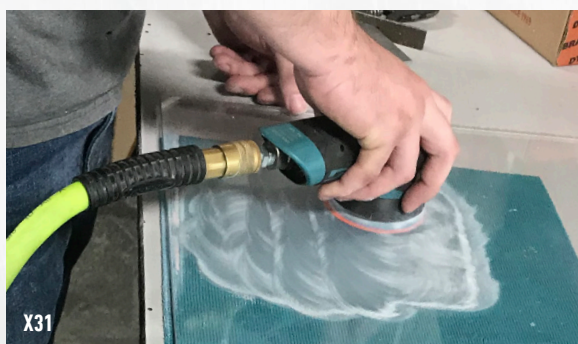
*For Dry Use ONLY.



M1010SP



M1025EX



X31



DB8

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"			Vacuum					
	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"						1.4 lbs		
	X51		PSA	3/16"		.3 hp (224 W)	Non-Vacuum			1.8 lbs		
	X51V		Hook-Face				Vacuum			1.9 lbs		
	59020		PSA	3/16"		.25 hp (186 W)	Vacuum			1.4 lbs		
	59035			3/32"						1.4 lbs		
	58054		Hook-Face	3/16"		.25 hp (186 W)	Self-Generated			2.3 lbs		
	59038		PSA	3/32"						1.5 lbs		
	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)				1.4 lbs		
	X61		PSA	3/16"		.3 hp (224 W)	Non-Vacuum			1.9 lbs		
	X61V		Hook-Face				Vacuum			2 lbs		
	59025		PSA	3/16"		.25 hp (186 W)	Non-Vacuum			1.5 lbs		
	59040			3/32"						1.4 lbs		
	59028		PSA	3/16"		.25 hp (186 W)	Self-Generated			1.5 lbs		
59043	3/32"											



X31



59024



58054



59029



X61

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"										

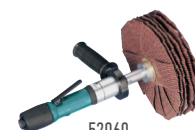


58430

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	



57910



52060

*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
IN-LINE SANDER	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				



58510

	Model No.	Belt Length	Belt Width	Head Style	Speed	Power	Exhaust	Air Inlet	Hose I.D.	Weight	Brand
BELT SANDERS	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	



14010

40321

40611

	Model No.	Material Collection	Vacuum Included	Tools Included	Hose Included	Power	Capacity	Auto ON/OFF	Tool Air Inlet	Hose I.D.	Vac. Weight	Brand
VACUUM SYSTEMS	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		-	-					-			



61421

	Model No.	Material Collection	Size	Motor Power	Power	Current Amps	Air Flow	Weight	Brand
DOWNDRAFT TABLES	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			



64207/64700



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					

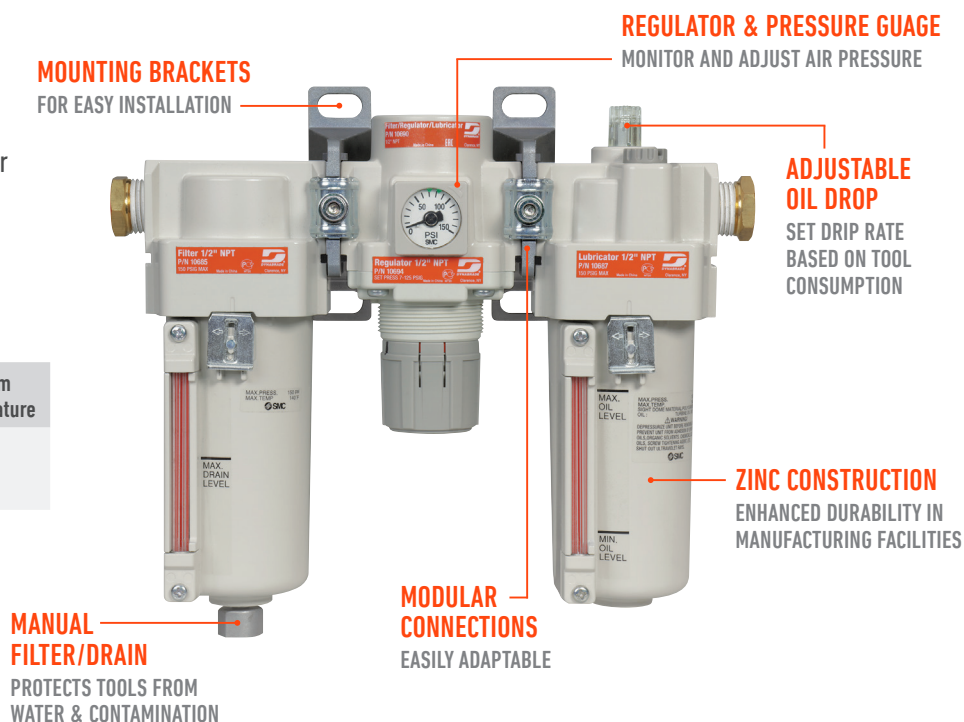
FILTER-REGULATOR-LUBRICATOR

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

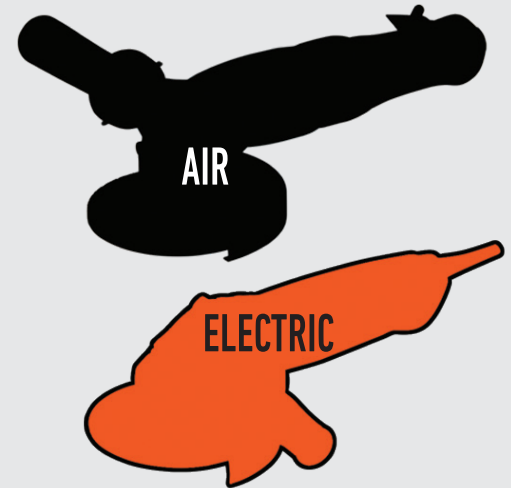
- **Lighter** - operator friendly when being used frequently or for an extended time.
- **Smaller** - easier to handle and work in confined areas.
- **Lower vibration** - reduces risk of operator injury.
- **Quieter** - promotes operator health and safety.

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.

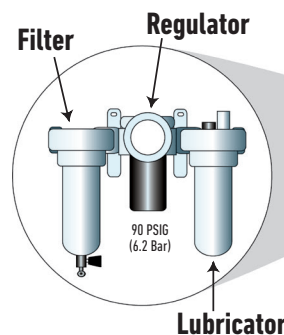
THE SUPPLY OF AIR MUST BE FREE OF CONTAMINATION

- 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.

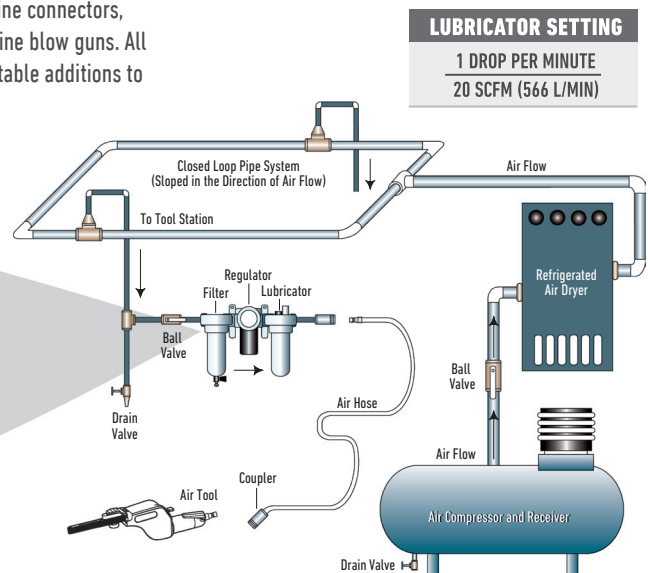
FILTER-REGULATOR-LUBRICATOR IS RECOMMENDED

- 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.



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