

# PREMIUM METALWORKING SOLUTIONS THE DYNABRADE ESSENTIALS



Geared for higher torque levels and broader power range.

Gearless for reduced

maintenance and downtime!

# DYNABRADE DIE GRINDERS

- Perfect for use on metal, fiberglass, carbon fiber, composites and more!
- Ideal for rapid material removal, deburring, finishing and polishing.
- · Air moves through channel between composite housing and housing core, maintaining comfortable temperature of tool housing!

## 48325 / 48327 / 48360

# .4 HP STRAIGHT-LINE DIE GRINDERS

- Power: 0.4 hp (298 W)
- Rear Exhaust
- 1/4" & 6 mm Collets



Speed: 25,000 RPM

• Speed: 30,000 RPM

Speed: 20,000 RPM

# 43515 / 43510 / 43500

#### .4 HP EXTENSION DIE GRINDERS

- · These tools allow efficient finishing within deep work-piece channels and difficult passages!
- Power: 0.4 hp (298 W)
- Speed: 25,000 RPM
- 1/4" & 6 mm Collets



#### 43515

- Rear Exhaust
- Extended Muffler
- Extended shafts of 6" (150 mm)

#### 43510

- Front Exhaust
- Extended shafts
- of 6" (150 mm)

Front Exhaust

43500

Extended shafts of 3" (75 mm)

#### 48335

# .4 HP 7 DEGREE OFFSET

## DIE GRINDER

- One-piece spindle keeps all rotating components on the same centerline for lower vibration levels.
- Power: 0.4 hp (298 W)
- Speed: 25,000 RPM
- 1/4" & 6 mm Collets
- Reduced sound level.



# 51305 / 53501

# .5 HP STRAIGHT-LINE **DIE GRINDERS**

- Power: 0.5 hp (373 W)
- Speed: 18,000 RPM
- 1/4" & 6 mm Collets

• Extended Rear Exhaust



• Extension Die Grinder has 7-1/4" (184 mm) workable reach

# 47800 / 48317 / 47802

#### .4 HP RIGHT ANGLE DIE GRINDER

- Power: 0.4 hp (298 W)
- 1/4" & 6 mm Collets
- Dual wick lubrication system saturated with gear oil for extended gear life.



- · Speed: 12,000 RPM • Front Exhaust
- Speed: 20,000 RPM
  - Rear Exhaust

48317

#### 47802

- Speed: 20,000 RPM
- Front Exhaust

# 51302 / 53502

# .5 HP STRAIGHT-LINE DIE GRINDERS

- Non-Vacuum
- Power: 0.5 hp (373 W)
- Speed: 20,000 RPM
- 1/4" & 6 mm Collets

#### 51302

• Front Exhaust

#### 53502

- Extended Rear Exhaust
- Extension Die Grinder has
- 7-1/4" (184 mm) workable reach

#### 52258 / 52278

## .7 HP STRAIGHT-LINE DIE GRINDERS

- Power: 0.7 hp (522 W)
- · Speed: 20,000 RPM
- 1/4" & 6 mm Collets



#### 52258

• Front Exhaust

• Extended Rear Exhaust

#### 54359

#### .7 HP RIGHT ANGLE DIE GRINDER

- Power: 0.7 hp (522 W)
- Speed: 18,000 RPM
- 1/4" & 6 mm Collets



#### 52669 / 52665

#### 1 HP STRAIGHT-LINE DIE GRINDERS

- Rear Exhaust
- Power: 1 hp (744 W)
- 1/4" & 6 mm Collets

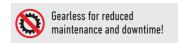


Speed: 20,000 RPM

## Speed: 9,000 RPM

+ Governor-controlled to maintain RPM under heavy load.

# DYNABRADE 2", 3" & 4-1/2" DISC SANDERS, PENCIL GRINDERS & CUT-OFF TOOLS



#### 48503

2" (50 MM) DIA. 7° OFFSET DISC SANDER

- · Handle is offset 7 degree for greater operator comfort and control.
- · Compact design.
- Power: 0.4 hp (298 W)
- Speed: 25,000 RPM
- Includes 51344 R-Type Locking-Pad



#### 50321

4-1/2" (115 MM) PISTOL GRIP DISC SANDER

- Removable side handle
- Power: 0.7 hp (522 W)
- Speed: 11,000 RPM
- Rear Exhaust



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

## 51810

# .1 HP STRAIGHT-LINE PENCIL GRINDER

- Turbine-Driven Air Motor Models are ideal for precision deburring and finishing on a variety of surfaces.
- Power: 0.1 hp (15 W)
- Speed: 100,000 RPM offers enhanced cut rate.
- Rear Exhaust
- 1/8" Collet



## ECU4

4" DIA. (100 MM) **EXTENSION RIGHT ANGLE CUT-OFF WHEEL TOOL** 

- Power: 1 hp (746 W)
- Speed: 14,000 RPM
- Tool Thread: 3/8"-24
- · Lock-lever controlled
- Multi-positioning guard for easy right and left hand operations.



## 52412 / 52415

3" (75 MM) DIA. 7° OFFSET DISC SANDER

· High-quality air-powered



# 52850 / 52851

# PENCIL GRINDERS

· Offers precision deburring, finishing and engraving, with easily adjustable speed to suit each application.

- · Rotary Vaned Air Motor
- 1/8" Collet Insert
- Power: 0.1 hp (75 W)
- Speed: 35,000-60,000 RPM
- · Rear Exhaust

#### 52850

Standard

52851 Extension



## 54775 / 54777

4" DIA. (100 MM) RIGHT-ANGLE TYPE 27 DEPRESSED CENTER

# WHEEL GRINDERS

- Power: 0.7 hp (522 W) · Speed: 13,500 RPM
- Rear Exhaust
- · Composite Housing



#### 54775

Standard

54777 Extended

# DYNABRADE 4-1/2"- 9" DEPRESSED CENTER WHEEL GRINDERS AND DISC SANDERS

- Ideal for fast weld and stock removal, heavy deburring, plus rust and scale removal.
- Lower profile and even weight distribution improves sightlines & increases maneuverability for operators.
- Offers countless grinding and material removal solutions to industries such as metal/stainless steel fabrication, composites, masonry, ironwork & general welding.
- · Grind through heavy welds, rapidly remove parting lines or cut & grind through large gates.

# 52632 / 52633

# RIGHT-ANGLE DEPRESSED CENTER WHEEL GRINDERS

- Power: 1.3 hp (969 W)
- Speed: 12,000 RPM
- 5/8"-11 Spindle Thread



# 52632

• 4-1/2" (115 mm) dia.

• 5" (125 mm) dia.

# 53280 / 53282

# RIGHT-ANGLE DEPRESSED CENTER WHEEL GRINDERS

- Power: 2.8 hp (2,100 W)
- 5/8"-11 Spindle Thread



#### 53280

- 7" (180 mm) dia.
- Speed: 8,500 RPM

- 9" (230 mm) dia.
  - Speed: 6,500 RPM

# 53281 / 53283

# RIGHT-ANGLE DEPRESSED CENTER WHEEL GRINDERS WITH AUTOBALANCER (EU)

- Power: 2.8 hp (2,100 W)
- 5/8"-11 Spindle Thread

- 7" (180 mm) dia.

## • 9" (230 mm) dia.

• Speed: 6,500 RPM Speed: 8,500 RPM



# 58900 / 58901

TYPE 27 DEPRESSED CENTER WHEEL GRINDERS

- 4-1/2" (115 mm) dia.
- Power: 2.3 hp (1.7 kw)
- Speed: 13,000 RPM
- 5/8"-11 Spindle Thread

#### 58902 / 58903

- 5" (125 mm) dia.
- Power: 2.2 hp (1.6 kw)
- Speed: 12,000 RPM
- 5/8"-11 Spindle Thread



58900 / 58902

NEW



(With Autobalancer)

+ Features an adjustable Multi-Position

Guard for optimum safety. No tools required.

## 52634 / 52635

# RIGHT-ANGLE **DISC SANDERS**

- Power: 1.3 hp (969 W)
- Speed: 12.000 RPM
- · Rotational Exhaust System
- Vacuum versions available

• 4-1/2" (115 mm) dia.

52635 • 5" (125 mm) dia.

52634 / 526355

+ Wick-Lube System for Longer Gear Life extends gear life with simple lubrication.

# 53270 / 53272

## RIGHT-ANGLE DISC SANDERS

- Power: 2.8 hp (2.100 W)
- 5/8"-11 Spindle Thread





- 7" (180 mm) dia.
- Speed: 8,500 RPM

- 9" (230 mm) dia.
- Speed: 6,500 RPM

## 53275 / 53277

# 2.8 HP DISC SANDERS (EU)

- Power: 2.8 hp (2,100 W)
- M14 Spindle Thread
- Adjustable Exhaust

• 7" (180 mm) dia.

- 9" (230 mm) dia.
- Speed: 8,500 RPM • Speed: 6,500 RPM



# 58910 / 58911 / 58311M

# **DISC SANDERS**

- 4-1/2" (115 mm) dia.
- Power: 2.3 hp (1.7 kw)
- Speed: 13,000 RPM

#### 58910

• 5/8"-11 Spindle Thread

- 5/8"-11 Spindle Thread
- With Autobalancer

# 58912 / 58913 / 58913M

- 5" (125 mm) dia.
- Power: 2.2 hp (1.6 kw)
- Speed: 12,000 RPM

#### 58912

• 5/8"-11 Spindle Thread • 5/8"-11 Spindle Thread

- With Autobalancer

## 58914 / 58915 / 58915M

- 7" (180 mm) dia.
- · Power: 2 hp (1.5 kw)
- Speed: 8,500 RPM

#### 58914

• 5/8"-11 Spindle Thread

- 5/8"-11 Spindle Thread
- · With Autobalancer

# NFW

#### 58911M

- M14 Spindle Thread
- With Autobalancer



#### 58913M

- M14 Spindle Thread
- With Autobalancer



#### 58915M

- M14 Spindle Thread
- · With Autobalancer

# DYNABRADE ABRASIVE BELT TOOLS

• Grind, deburr, blend and polish, on metal, plastic, fiberglass, composites, rubber, glass and more.

#### 14000

#### DYNAFILE® ABRASIVE BELT TOOL

- · The original and most versatile belt tool on the market.
- Max abrasive SFPM: 5,800
- Superior belt tracking permits use of abrasive belts 1/8"-1/2" (3 - 13 mm) wide x 24" (610 mm) long.
- Power: 0.5 hp (373 W)
- Speed: 20,000 RPM
- Max abrasive SFPM: 5,800 (7,768 SM/Min)

#### 14010

#### DYNAFILE® ABRASIVE BELT TOOL VERSATILITY KIT

#### Kit Includes:

- 14000 Dynafile®
- 11213: Contact Arm
- 11216: Contact Arm
- 11218: Contact Arm
- 11219: Contact Arm
- 11231: Contact Arm
- · Assortment of Abrasive Belts
- Durable Carrying Case





#### 40320

# DYNAFILE® II ABRASIVE BELT TOOL

- Grinding head pivots 360° for securing in most efficient position.
- · Lightweight, ergonomic 7° offset design.
- For 1/4"-3/4" (6-19 mm) wide x 18" (457 mm) long belts
- Power: 0.5 hp (373 W)
- Speed: 20.000 RPM
- Max abrasive SFPM: 4,500 (1,382 SM/Min)

#### 40321

# DYNAFILE® II ABRASIVE BELT TOOL VERSATILITY KIT

#### Kit Includes:

- 40320 Dynafile® II
- 11206: Contact Arm
- 11203: Contact Arm
- 11204: Contact Arm
- 50010: Collet (1/4") for Die Grinder use
- · Assortment of Abrasive Belts
- Durable Carrying Case

# 40324

# DYNAFILE® II ABRASIVE BELT TOOL VERSATILITY KIT (METRIC COLLET)

#### Kit Includes:

- 40320 Dynafile® II
- 11206: Contact Arm
- 11203 Contact Arm
- 11320: Contact Arm
- 50015: Collet (6 mm) for Die Grinder use
- · Assortment of Abrasive Belts
- Durable Carrying Case



### 40610

#### ELECTRIC DYNAFILE® II ABRASIVE BELT TOOL

- For 1/8" (3 mm) wide x 18-34" (457-864 mm) long belts non-woven nylon belts.
- Perfect for field service where compressed air is unavailable.
- Power: 120 V (AC), 7 Amp
- Speed: 10,500 RPM
- Max abrasive SFPM: 2.520





# 15003

# MINI-DYNAFILE® II ABRASIVE BELT TOOL

- Multi-position grinding head pivots 360°.
- For 1/8"-1/2" (3-13 mm) wide x 12" (305 mm) long belts
- Power: 0.4 hp (298 W)
- Speed: 25,000 RPM
- Rear Exhaust
- Max abrasive SFPM: 4,890 (1,486 SM/Min)

# 15006

# MINI-DYNAFILE® II ABRASIVE BELT TOOL VERSATILITY KIT

- For 1/8"-1/2" (3-13 mm) wide x 12" (305 mm) long belts
- 15013 Mini-Dynafile® II





#### 15300

# DYNAFILE® III **ABRASIVE BELT TOOL**

- · Excellent for grinding welds, blending and deburring.
- For 1/4"-1" (6-25 mm) wide x 18" (457 mm) long belts
- Power: 0.7 hp (522 W)
- Speed: 20,000 RPM
- Max abrasive SFPM: 4.550 (1.382 SM/Min)

- Kit Includes:
- 15026: Contact Arm • 15028: Contact Arm
- 15030: Contact Arm

# · Assortment of Abrasives

#### 15302

# DYNAFILE® III ABRASIVE **BELT TOOL VERSATILITY KIT**

#### Kit Includes:

- 15003: Dynafile® III
- 15321: Contact Arm
- 15321: Contact Arm • 15350: Contact Arm
- 01644: Threaded Collet Insert Durable Carrying Case
- 15357: Contact Arm
- · Assortment of Abrasives



+ Includes 15350 Contact Arm for 1" wide x 18" long abrasive belts.

# DYNABRADE ABRASIVE FINISHING TOOLS

#### DYNASTRAIGHT® & DYNISHER KITS

- For graining, cleaning and polishing on stainless steel, aluminum, carbon steel and composites.
- · Achieves superior in-line finishes on metal.
- Excellent for blending and finishing stainless steel and other metals, leaving an in-line scratch pattern.
- For 3-1/2" (89 mm) wide x 15-1/2" (370 mm) long belts

13505K

### 13204K

#### DYNASTRAIGHT® KITS

- 7° Offset
- Power: 0.7 hp (522 W)
- Speed: 3,400 RPM

# Kit Includes:

- 13204: Tool (1)
- 92801: Dynacushion® Wheel (1)
- 94465: Wheel Inflation Tool (1)

# 13505K

- 7° Offset
- Power: 1 hp (744 W)
- Speed: 3,400 RPM

#### Kit Includes:

- 13505: Tool (1)
- 92801: Dynacushion® Wheel (1)
- 94465: Wheel Inflation Tool (1)



#### PNEUMATIC PIPE BELT FINISHER

- Abrasive belt contacts 180° of workpiece circumference, for diameters from 3/8" to 2-3/8" (10 mm to 60 mm).
- Adjustable head-assembly is easily rotated to suit each application.
- For 1/2"-1-1/2" (13-38 mm) wide x 30" (762 mm) long belts.
- Power: 0.7 hp (522 W)
- Speed: 3,400 RPM
- Max abrasive SFPM: 2,100 (640 SM/Min)
- Rear Exhaust



14360

## 57405

# DYNALINE SANDER VERSATILITY KIT

- Excellent for finishing & blending on stainless steel and aluminum.
- Power: 0.3 hp (224 W)
- SPM: 2,400
- Stroke Length: 3/8" (10 mm)







- 57852: Sanding Pad (3-2/3" wide x 7" long premium urethane, long nap, hook-face pad (1)
- · Medium and Very Fine non-woven sheets

#### 13400K

#### DYNISHER KITS

- 7° Offset
- Power: 0.7 hp (522 W)
- Speed: 3,400 RPM

#### Kit Includes:

- 13400: Tool (1)
- 92937: Dynacushion® Wheel (1)
- 94465: Wheel Inflation Tool (1)



## 13450K

- Right Angle
- Power: 1 hp (746 W)
- Speed: 2,800 RPM

#### Kit Includes:

- 13450: Tool (1)
- 92801: Dynacushion® Wheel (1)
- 94465: Wheel Inflation Tool (1)



#### DYS1K / DYS2K

- Powerful 1,000-watt (1.3 hp) output ensures enough power and torque on any surface.
- · Right Angle
- Power: 120 V (9 Amp)
- Speed: 800-3,000 RPM





#### N. American Plug

#### DYS1K Includes:

- DYS1: Tool 120V (N. American Plug)
- 92938: Dynacushion® Wheel (1)
- 98130: Air Chuck (1)

## EU Plug

#### DYS2K Includes:

- DYS2: Tool 220V (EU PLUG)
- 92938: Dynacushion® Wheel (1)
- 98130: Air Chuck (1)

# 13402 / 13403

# DYNISHER FINISHING TOOLS

- Power: 0.7 hp (522 W)
- 7° Offset
- Extended Shroud
- Non-Vacuum



\*Wheel Not Included

#### 13402

Speed: 3,400 RPM

13403 • Speed: 4.500 RPM

# RANDOM ORBITAL SANDERS & DYNABRADE MANUFACTURED RANDOM ORBITAL SANDING PADS

- Perfectly Weight-Mated to Dynabrade Tools for the lowest vibration levels
- Dynabrade Random Orbital Sanders and Pads are proudly manufactured in the USA
- Vacuum versions available.

#### X31 / X32

# 3" (75 MM) MINI-DYNORBITAL® EXTREME RANDOM ORBITAL SANDERS

- Power: 0.1 hp (75 W) Speed: 12,000 RPM
- · Integrated Speed Regulator
- Hook-Face Pad



Dia. Orbit









+ Ultra-lightweight, just over 1 pound (.5 kg)

#### 56826 / 56826S / 56890 / 56859

6" (150 MM) DYNORBITAL® SUPREME RANDOM ORBITAL SANDERS

- Power: 0.28 hp (209 W)
- Speed: 12,000 RPM
- · One-hand Speed Control







56826 PSA w/Speed Control 56826S

· Hook-Face w/Speed Control



56890

 Hnnk-Face w/ Speed Control



PSA w/Speed Control





Hook-Face w/Speed Control

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

· Motor design has the highest power to-weight ratio in the industry.

X51H

Hook-Face

RANDOM ORBITAL SANDERS Power: 0.28 hp (209 W)

- Power: 0.3 hp (224 W)
- Speed: 12,000 RPM

X51

PSA









56815 / 56880 / 56850 / 56850S

5" (125 MM) DYNORBITAL® SUPREME





PSA





X52H X52HS Hook-Face With Speed Control

### X61 / X61H / X61HS

# 6" (150 MM) DYNORBITAL® EXTREME RANDOM ORBITAL SANDERS



- Power: 0.3 hp (224 W)
- Speed: 12,000 RPM

PSA Hook-Face

X61HS With Speed Control



3/16" (5 MM) DIA, ORBIT **General Sanding** 

#### X62 / X62H / X62HS

6" (150 MM) DYNORBITAL® EXTREME RANDOM ORBITAL SANDERS

- Power: 0.3 hp (224 W)
- Speed: 12,000 RPM







X62

X62H Hook-Face

X62HS With Speed Control 3/32" (2.5 MM) DIA. ORBIT Ultra-Fine Sanding

#### 58430

## DYNALOCKE® DUAL-ACTION SANDER

- · Ideal for metal applications; great on composite materials.
- · Excellent for automotive work, such as paint stripping and blending.
- 5" (125 mm) Dia. Hook-Face Pad
- Power: 0.45 hp (336 W)
- Speed: 12,000 RPM
- Orbit: 3/16" (5 mm)
- · Two-tools-in-one, easily changing from a rotary Disc Sander to Random Orbital Sander with the flip of a switch.
- · Weight: 2.9 lbs



ROTARY MOTION Stripping and Blending



3/16" (5 mm) DIAMETER ORBIT General Sanding



Speed: 12,000 RPM

One-hand Speed Control















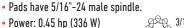




Speed: 12.000 RPM

5" (125 MM) DIA. TWO-HAND DYNORBITAL® RANDOM ORBITAL SANDERS

· Long handle provides excellent comfort & control, especially when working on vertical sides of workpiece.











58400/58415

## DYNASWIVEL® AIR LINE CONNECTORS

#### NEVER FIGHT AN AIR TOOL AGAIN!

- Two pivot points that swivel  $360^{\circ}$  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		
Composito	94300	1/4" NPT	Standard	up to 33 SCFM (935 LPM)		
Composite	94407	1/4 NP1	Flow Control	up to 46 SCFM (1,303 LPM)		
Aluminum & Stainless Steel	95460	1/4" NPT		up to 25 SCFM (708 LPM)		
	95461	3/8" NPT	Standard	up to 45 SCFM (1,275 LPM)		
	95462	1/2" NPT		up to 65 SCFM (1,841 LPM)		
	<b>95734</b> 1/4" N	1/4" NPT	Flow Control	up to 25 SCFM (708 LPM)		

## **DYNABRADE AIR LUBE (10W/NR)**

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



95821/95842

#### **GREASE AND GREASE GUN**

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

### **GEAR OIL AND OIL GUN**

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

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



# STEPS TO DETERMINE 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.
- 4 Confrim that coupler and plug meet the tools airflow requirements.

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	Air Flow
Male	1/4"	95675	1/4"	Female	1/4" NPT	95674	MegaFlow Safety Coupler	Up to 74 SCFM
	3/8"	96005						(2,095 L/Min)
	3/8"	98263	3/8"	Female	3/8" NPT	98261		Up to 138 SCFM
	1/2"	98271						(3,900 L/Min)
Female	1/4"	95677	1/4"	Male	1/4" NPT	95684	MegaFlow	Up to 74 SCFM (2,095 L/Min)
	3/8"	98264	3/8"	Male	3/8" NPT	98262	Safety Coupler	Up to 138 SCFM
	1/2"	98272						(3,900 L/Min)

Dynabrade tools require a Male Plug (Air Inlet Thread)

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

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

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



# WE LISTEN. WE OBSERVE. WE INNOVATE.





WATER & CONTAMINATION