

Elite Grinders / Sanders / Polishers
Finishing Tools



Simple, Modular, Efficient

ARO developed the Elite line with patented full-flow steel motor cylinders to provide maximum air utilization and generate more torque. With few moving parts and extensive parts commonality, costly downtime associated with routine maintenance is reduced dramatically. Your parts inventory is also reduced as you can interchange parts as you need them.



Elite Grinders / Sanders / Polishers

Ergonomic Innovations

Elite's D-shaped housing was designed to fit comfortably in the operator's hand to help minimize the amount of gripping force required. The spoon-shaped throttle conforms to the tool housing to eliminate irritating pressure points in the palm of the hand. To protect operator's hands, the high-profile safety flange guards against accidental throttle actuation.

Small Size. Large Selection

Based on innovative ergonomic advancements, ARO's Elite Series grinders/sanders and polishers are smaller in size, easier to hold, and more comfortable to use than competitive models. Available in straight, angle, and extended styles, these tools offer a range of operating speeds to ensure that there's a right tool for every job from light polishing to heavy material removal.



Patented "drop-in" motor design requires no alignment or shims, and enables quick, easy blade replacement.



Innovative Ergonomic Handle Styling



Spoon-Shaped Lever Throttle



High-Profile Safety Flange

Elite Die Grinders Finishing Tools

Rated Power: 0.20 to 1.0 hp (0.15 to 0.75 kW)



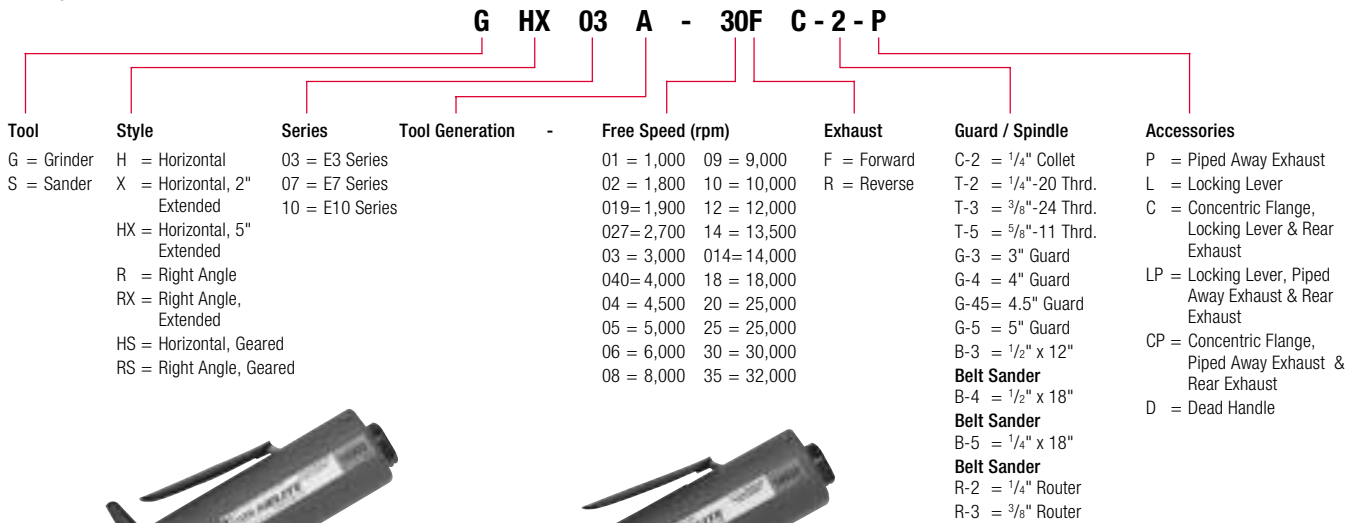
GH03A-35RC-2

Standard Equipment

- 1/4" Erikson Collet
49450 - 40 (GH074 and GH10A)
49440 - 29 (GH03A)
- 7/16" Collet Body Wrench
49440 - 52
- 11/16" Collet Nut Wrench
49440 - 51

Model Identification Guide

Example: GHX03A-30FC-2-P



GH07A-18RC-2



GH10A-18RC-2

Elite Die Grinders

Model No.	Free Speed rpm	Rated Power hp kW	Collet Size in. mm	Spindle Offset in. mm	Overall Length in. mm	Weight lbs kg	Sound Level ¹ dB(A)	Air Consp. @ Free Speed cfm L/s	Abrasive Type and Capacity
E3 Series									
GH03A-35(J)C-2	32,000	0.35 0.26	1/4 6	0.75 19	6.2 157	0.8 0.37	77	15 7.1	
GH03A-30(J)C-2	30,000	0.30 0.22	1/4 6	0.75 19	6.2 157	0.8 0.37	74	14 6.6	
GH03A-25(J)C-2 ²	25,000	0.24 0.18	1/4 6	0.75 19	6.2 157	0.8 0.37	74	12 5.7	
GH03A-20(J)C-2	20,000	0.20 0.15	1/4 6	0.75 19	6.2 157	0.8 0.37	70	11 5.2	
GHX03A-25(J)C-2	25,000	0.24 0.18	1/4 6	0.75 19	9.2 233	1.2 0.54	74	12 5.7	
GHX03A-30(J)C-2	30,000	0.30 0.22	1/4 6	0.75 19	9.2 233	1.2 0.54	74	14 6.6	
E7 Series									
GH07A-25(J)C-2 ²	25,000	0.70 0.52	1/4 6	0.75 19	7.75 196	1.6 0.73	78	26 12.3	1 1/2" Mtd. Stone
GH07A-20(J)C-2	20,000	0.56 0.42	1/4 6	0.75 19	7.75 196	1.6 0.73	77	24 11.3	1 1/2" Mtd. Stone
GH07A-18(J)C-2	18,000	0.50 0.37	1/4 6	0.75 19	7.75 196	1.6 0.73	76	23 10.9	1 1/2" Mtd. Stone
GH07A-12(J)C-2	12,000	0.33 0.24	1/4 6	0.75 19	7.75 196	1.6 0.73	74	20 9.4	2" Mtd. Stone
E10 Series									
GH10A-18(J)C-2 ²	18,000	1.0 0.75	1/4 6	0.97 25	8.6 218	1.9 0.85	77	43 20.3	1 1/2" Mtd. Stone
GH10A-12(J)C-2	12,000	0.72 0.54	1/4 6	0.97 25	8.6 218	1.9 0.85	77	34 16.0	2" Mtd. Stone

Rear exhaust direction is standard. For front exhaust change model number to read "FC". refer to Model Identification Guide.

Low profile flange is only available with locking lever and rear exhaust.

All models have a 1/4" NPT Air Inlet. Recommended Hose Size: 5/16" (8 mm) for E3 and E7 Series, 3/8" (10 mm) for E10 Series.

(1) dB(A) measurement includes use of Overhose Exhaust Assembly.

(2) Add 'K' after 'A' to get kit which includes tool, plastic carrying case, 4 burs and exhaust hose.

Elite Horizontal Grinders and Sanders

Finishing Tools

Rated Power: 0.24 to 0.9 hp (0.37 to 0.7 kW)



Standard Equipment

- Wheel Guard, Flanges and Nut (GH03A & GH07A)
- 1/4" Erikson Collet 49450-40 (GH507A & GH510A)
- Collet Body Wrench 49450-37 (GH507A & GH510A)
- Collet Nut Wrench 49450-38 (GH507A & GH510A)



GH03A-20RG-3



GHS10A-03RC-2

Elite Horizontal Grinders and Sanders

Model No.	Free Speed rpm	Rated Power		Collet Size		Spindle Offset		Overall Length		Weight		Sound Level ¹ dB(A)	Air Cons. @ Free Speed		Wheel Abrasive Type and Capacity
		hp	kW	in.	mm	in.	mm	in.	mm	lbs	kg		cfm	L/s	
E3 Series with Guard															
GH03A-20()G-3	20,000	0.24	0.18	3/8-24	—	0.75	19	10.5	267	1.5	0.7	74	11	5.2	Type 1 - 3" x 1/4"
E7 Series with Guard															
GX07A-18()G-3	18,000	0.5	0.37	3/8-24	—	1.2	30	12.2	313	3.2	1.5	76	23	10.9	Type 1 - 3" x 1/4"
E10 Series with Collet															
GHS10A-05()C-2	4,500	0.9	0.7	1/4	6	1.2	30	12.9	328	3.8	1.7	82	43	20.3	Wire Brush Wheels Flap Wheels Buffing Wheels Non-Woven Abrasive
GHS10A-03()C-2	3,000	0.9	0.7	1/4	6	1.2	30	12.9	328	3.8	1.7	81	43	20.3	
GHS10A-01()C-2	1,000	0.9	0.7	1/4	6	1.2	30	13.75	349	4.1	1.9	79	43	20.3	

Rear exhaust direction is standard. For front exhaust change model number to read "FC". refer to Model Identification Guide.

Low profile flange is only available with locking lever and rear exhaust.

All models have a 1/4" NPT Air Inlet. Recommended Hose Size: 5/16" (8 mm) for E3 and E7 Series, 3/8" (10 mm) for E10 Series.

(1) dB(A) measurement includes use of Overhose Exhaust Assembly.

Elite Angle Grinders and Sanders

Finishing Tools

Rated Power: 0.24 to 1.0 hp (0.18 to 0.75 kW)



GR03A-20RC-2



GRX07A-14RC-2



GR10A-12RC-2



GR10A-12RG-4

Standard Equipment

- Wheel Guard, Flanges and Nut (GR10A & GRX10A)
- Spindle and Wheel Nut Wrenches
- 1/4" Erikson Collet
49440-29 (GR03A)
49450-40 (GR07A & GR10A)
- Collet Body Wrench
49440-52 (GR03A)
49450-37 (GR07A & GR10A)
- Collet Nut Wrench
49440-51 (GR03A)
49450-38 (GR07A, GRX07A, GR10A & GRX10A)

Elite Angle Grinders and Sanders

Model No.	Free Speed rpm	Rated Power hp kW	Collet Size in. mm	Spindle Offset in. mm	Angle Height in. mm	Overall Length in. mm	Weight lbs kg	Sound Level ¹ dB(A)	Air Consp. @ Free Speed cfm L/s	Wheel Abrasive Type and Capacity
E3 Series with Collet										
GR03A-20(J)C-2	20,000	0.30 0.22	1/4 6	0.75 19	- -	6.1 154	1.1 0.51	74	14 6.6	1" Carb. Burr, 1" Mtd. Stone 2" or 3" Sanding Pad
GR03A-12(J)C-2	12,000	0.24 0.18	1/4 6	0.75 19	- -	6.1 154	1.1 0.51	74	12 5.7	
E7 Series with Collet										
GR07A-18(J)G-3	18,000	0.70 0.52	3/8-24 -	0.75 19	2.5 64	7.7 195	2.6 1.2	77	26 12.3	1" Carb. Burr, 1" Mtd. Stone 3" Sanding Pad
GR07A-12(J)G-4	12,000	0.56 0.42	3/8-24 -	0.75 19	2.5 64	7.7 195	2.7 1.2	76	26 12.3	
GRX07A-14(J)G-4	13,500	0.56 0.42	3/8-24 -	0.75 19	2.3 59	10.4 264	2.9 1.3	76	25 11.8	
E7 Series with Guard										
GR07A-18(J)G-3	18,000	0.70 0.52	3/8-24 -	0.75 19	2.5 64	7.7 195	2.6 1.2	77	26 12.3	3" Type 27 and 28 4" Type 27 and 28
GR07A-12(J)G-4	12,000	0.56 0.42	3/8-24 -	0.75 19	2.5 64	7.7 195	2.7 1.2	76	26 12.3	
GRX07A-14(J)G-4	13,500	0.56 0.42	3/8-24 -	0.75 19	2.3 59	10.4 264	2.9 1.3	76	25 11.8	4" Type 27 and 28
E10 Series with Collet										
GR10A-12(J)C-2	12,000	0.83 0.61	1/4 6	0.8 21	3.0 76	8.8 224	3.1 1.4	82	43 20.3	1" Carb. Burr, 1" Mtd. Stone 3" Sanding Pad
E10 Series with Guard										
GR10A-12(J)G-4	12,000	1.0 0.75	3/8-24 -	0.8 21	2.5 64	8.8 224	3.1 1.4	80	43 20.3	4" Type 27 and 28 4 1/2" Type 27 and 28
GRX10A-12(J)G-4-D	12,000	1.0 0.75	3/8-24 -	0.8 21	2.5 64	11.2 284	3.9 1.7	80	43 20.3	
GRX10A-12(J)G-45-D	12,000	1.0 0.75	5/8-11 -	0.8 21	2.5 64	11.2 284	3.9 1.7	80	43 20.3	

Rear exhaust direction is standard. For front exhaust change model number to read "FC". refer to Model Identification Guide.

Low profile flange is only available with locking lever and rear exhaust.

All models have a 1/4" NPT Air Inlet. Recommended Hose Size: 5/16" (8 mm) for E3 and E7 Series, 3/8" (10 mm) for E10 Series.

(1) dB(A) measurement includes use of Overhose Exhaust Assembly.

Elite Angle Sanders and Polishers / Belt Sanders

Finishing Tools

Rated Power: 0.24 to 0.9 hp (0.18 to 0.75 kW)

Standard Equipment

- Ergo Handle (GRS07A & GRS10A)

Accessories

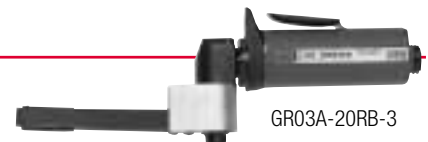
- Safety Locking Lever (LG2-A400)
- Piped Away Exhaust Kit (LG2-K284)
- Low-Profile Concentric Flange (LG3R-23)
- 5" Medium Sanding Pad (77A-AM8525-5)
- 7" Medium Sanding Pad (77A-AM8525-7)
- 7" Firm Sanding Pad (77A-BM8525-7)
- 3" Pad (LG1-K3)
- 2" Pad (LG1-K2)



Elite Angle Sanders and Polishers

Model No.	Free Speed rpm	Rated Power		Spindle Thread		Spindle Offset		Overall Length		Weight		Sound Level ¹ dB(A)	Air Consp. @ Free Speed		Pad Size
		hp	kW	in.	mm	in.	mm	in.	mm	lbs	kg		cfm	L/s	
E3 Series															
GR03A-20(JT-2)	20,000	0.3	0.22	.25	20	0.75	19	6.1	154.00	1.1	0.5	74	15	7.1	See Note 2
GR03A-12(JT-2)	12,000	0.24	0.18	.25	20	0.75	19	6.1	154.00	1.1	0.5	74	12	5.7	See Note 2
E10 Series															
SRX10A-019RT-5	1,900	1.0	.75	.63	11	1.19	30	13.38	339.85	4.56	2.06	84.8	43	20.3	See Note 2
SRX10A-027RT-5	2,700	1.0	.75	.63	11	1.19	30	13.38	339.85	4.56	2.06	87.4	43	20.3	See Note 2
SRS10A-040RC-2	4,000	1.0	.75	.25	20	1.19	30	8.81	223.77	2.63	1.19	85.5	43	20.3	See Note 2
SRS10A-040RT-5	4,000	1.0	.75	.63	11	1.19	30	8.81	223.77	2.63	1.19	86.3	43	20.3	See Note 2
SRS10A-05RT-5	5,000	1.0	.75	.63	11	1.19	30	8.81	223.77	2.63	1.19	85.0	43	20.3	See Note 2
SRS10A-060RC-2	6,000	1.0	.75	.25	20	1.19	30	8.81	223.77	2.63	1.19	86.1	43	20.3	See Note 2
SRS10A-06RT-5	6,000	1.0	.75	.63	11	1.19	30	8.81	223.77	2.63	1.19	88.1	43	20.3	See Note 2
SRX10A-06RT-5	6,000	1.0	.75	.63	11	1.19	30	11.81	299.97	3.31	1.50	85.1	43	20.3	See Note 2
SRS10A-08RT-5	8,000	1.0	.75	.63	11	1.19	30	8.81	223.77	2.63	1.19	87.1	43	20.3	See Note 2
SRX10A-08RT-5	8,000	1.0	.75	.63	11	1.19	30	11.81	299.97	3.31	1.50	84.6	43	20.3	See Note 2
SRS10A-10RT-5	10,000	1.0	.75	.63	11	1.19	30	8.81	223.77	2.63	1.19	85.1	43	20.3	See Note 2
SRX10A-10RT-5	10,000	1.0	.75	.63	11	1.19	30	11.81	299.97	3.31	1.50	84.4	43	20.3	See Note 2
SRS10A-12RT-5	12,000	1.0	.75	.63	11	1.19	30	8.81	223.77	2.63	1.19	86.2	43	20.3	See Note 2
SRX10A-12RT-5	12,000	1.0	.75	.63	11	1.19	30	11.81	299.97	3.31	1.50	84.4	43	20.3	See Note 2
SRS10A-014RT-5	14,000	1.0	.75	.63	11	1.19	30	8.81	223.77	2.63	1.19	87.3	43	20.3	See Note 2

All models have a 1/4" NPT Air Inlet. Recommended Hose Size: 5/16" (8 mm) for E3 and E7 Series, 3/8" (10 mm) for E10 Series.
 (1) dB(A) measurement includes use of Overhose Exhaust Assembly.
 (2) Order Sanding Pad separately at extra cost.



Belt Sanders – Rated Power 0.24 - 1.0 hp (0.18 - 0.75 kW)

Model No.	Free Speed rpm	Rated Power		Standard Thread	Spindle Offset		Length w/ Belt Attachment		Weight		Sound Level ¹ dB(A)	Air Consp. @ Free Speed		Belt Size in.	
		hp	kW		in.	mm	in.	mm	lbs	kg		cfm	L/s		
E3 Series															
GR03A-20(JB-3)	20,000	0.3	0.22	1/4" Collet	0.75	19	10.75	273	1.5	0.7	74	12	5.7	1/2" x 12"	
GR03A-12(JB-3)	12,000	0.24	0.18	1/4" Collet	0.75	19	10.75	273	1.5	0.7	74	12	5.7	1/2" x 12"	
GR03A-20(JB-4)	20,000	0.3	0.22	1/4" Collet	0.75	19	14	273	1.75	0.7	74	12	5.7	1/2" x 18"	
GR03A-12(JB-4)	12,000	0.24	0.18	1/4" Collet	0.75	19	14	273	1.75	0.7	74	12	5.7	1/2" x 18"	
GR03A-20(JB-5)	20,000	0.3	0.22	1/4" Collet	0.75	19	14	273	1.63	0.7	74	12	5.7	1/4" x 18"	
GR03A-12(JB-5)	12,000	0.24	0.18	1/4" Collet	0.75	19	14	273	1.63	0.7	74	12	5.7	1/4" x 18"	

Rear exhaust direction is standard. For front exhaust change model number to read "FC", refer to Model Identification Guide.
 Low profile flange is only available with locking lever and rear exhaust. All models have a 1/4" NPT Air Inlet. Recommended Hose Size: 5/16" (8 mm).
 (1) dB(A) measurement includes use of Overhose Exhaust Assembly.

Elite Routers and Accessories

Finishing Tools

Rated Power: 0.24 to 1.0 hp (0.18 to 0.75 kW)

Standard Equipment

- Erickson Collet
- Collet Body
- Collet Nut Wrench
- Coupling Nut Wrench



GH07A-18RR-2 (Trimmer Guide not included)

Routers

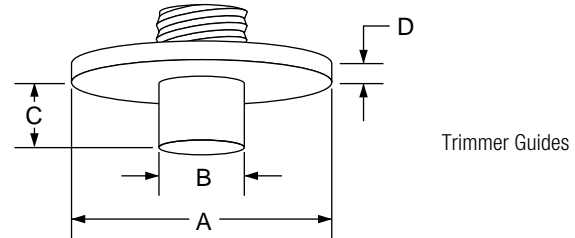
Model No.	Free Speed rpm	Rated Power hp kW	Standard Thread	Spindle Offset in. mm	Length w/ Belt Attachment in. mm	Weight lbs kg	Sound Level ¹ dB(A)	Air Cons. @ Free Speed cfm L/s	Belt Size in.
E7 Series									
GH07A-20(JR-2)	20,000	0.56 0.42	1/4" Collet	0.75 19	8.4 213	2.4 11	77	24 11.3	1/4" 6.4
GH07A-25(JR-2)	25,000	0.7 0.52	1/4" Collet	0.75 19	8.4 213	2.4 11	78	26 12.3	1/4" 6.4
E10 Series									
GH10A-18(JR-2)	18,000	1.0 0.75	1/4" Collet	0.97 24	9.2 234	2.5 11	76	43 20.3	1/4" 6.4

All models have a 1/4" NPT Air Inlet. Recommended Hose Size: 5/16" (8 mm).
 (1) dB(A) measurement includes use of Overhose Exhaust Assembly.

Extra Cost Accessories

Part No.	For Bits with Shank Size	A	B	C	D
R120-128-2	1/4"	1 1/2"	3/8"	3/8"	1/8"
R120-128-7	1/4"	2 1/2"	1/2"	1/2"	3/16"
LG2-129-1	3/8"	2 1/2"	1/2"	5/8"	1/8"

Guides for 1/4" models have 1/2" - 20 UNF thread.
 Guides for 3/8" models have 3/8" - 18 UNF thread.



Trimmer Guides

Lock-Off Lever

- LG1-A400 for E3 Series models
- LG2-A400 for E7 and E10 models

Belt Sanders Attachment for GR03A-() C-2

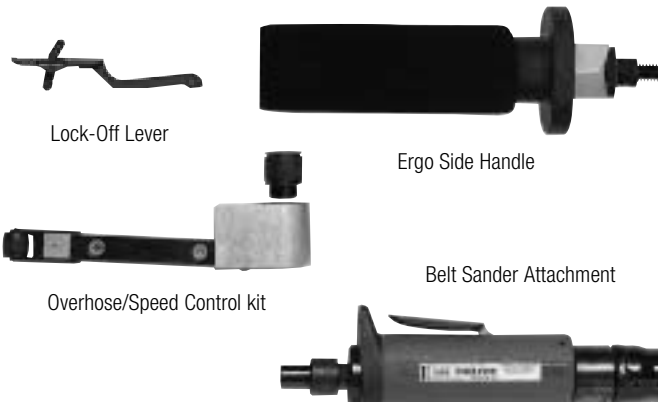
- LG1-A350-812 1/2" X 12" Attachment
- LG1-A350-818 1/2" X 18" Attachment
- LG1-A350-418 1/4" X 18" Attachment

Ergo Side Handle

- 49461 for E7 and E10 Series Angle Grinders and Sanders

Router Attachments

- 1/4" Router Attachment – TD-RK4 for E7 and E10
- 3/8" Router Attachment – TD-RK6 for E7 and E10



Overhose/Speed Control Kit

A combination air inlet bushing with an adjustable speed regulator valve and 2 1/2 ft. (0.76 mm) pipe-away exhaust hose.

- LG1-A1015 for all E3 Series models

Exhaust Hose Kit

- LG1-K284 (E3)
- LG2-K284 (E7 & E10)

Front Exhaust Flange

- LG1-23 (E3)
- LG2-23 (E7 & E10)

Rear Exhaust Flange

- ALG1-23

Concentric Flange

- LG1R-23 (E3)
- LG3R-23 (E7 & E10)

Vacuum Shroud 3" for GR03A-()T-2 or C-2

- LA1-K975 for T-2
- LA1-K980 for C-2

Collets

- 1/8" Erickson DG110-700-G2
- 1/4" Erickson G160HD-700-1/4
- 3/8" Erickson DG120-700-G6
(Available Only For #07A & #10A Units)

Rear exhaust direction is standard. For front exhaust change model number to read "FC". refer to Model Identification Guide.
 Low profile flange is only available with locking lever and rear exhaust.

Elite Heavy Duty Grinders

Finishing Tools



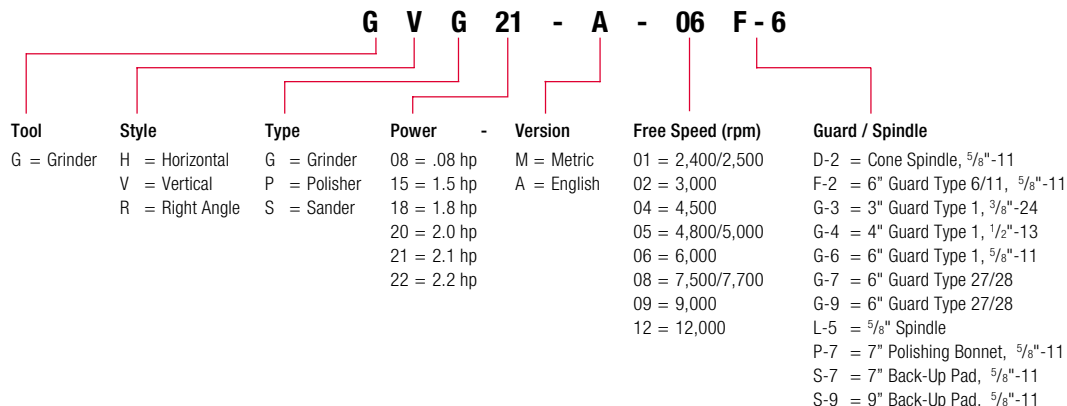
New from ARO!

The Elite Series heavy duty models are designed for production and maintenance application involving heavy material removal and large workpieces. Available in horizontal, right angle, and vertical configurations, these 0.8 to 2.2 horsepower models include grinders, sanders, and polishers. They deliver superior power with lower air consumption than competitive models, and feature significant operator advantages.



Model Identification Guide

Example: GVG21-A-06F-6



Motor Controller

The ARO Elite Heavy Duty finishing tools incorporate a patented motor controller which is designed to increase productivity while enhancing operator safety. The controller regulates air flow through the end plate and into the motor to control the speed and power of the tool. There is no need for an additional over-speed shut-off device.



Locking Throttle Lever

The ARO locking throttle lever is a spring-loaded latch that resets each time the lever is released. This unique system prevents accidental throttle operation — even if the tool is dropped.



Integral Guards

Elite Heavy Duty grinders are equipped with patented integral guards that prevent the tool from operating if they are removed. When removed, the tool's motor is not properly supported, and the tool will not operate. Cup-wheel type grinding tools have the exclusive 180° integral guard for better visibility and greater wheel utilization. All guards are made of steel for extra protection.



Adjustable Handles

Elite Heavy Duty vertical grinders incorporate adjustable side handles that can be easily adjusted to 90° to 120° for ease of handling and better control. For increased operator comfort, the ergonomic handle design makes it easy for the operator to hold and use the tool — even with gloved hands.



Elite Heavy Duty Horizontal Grinders

Finishing Tools

Rated Power: 1.5 to 2.2 hp (1.2 to 1.6 kW)



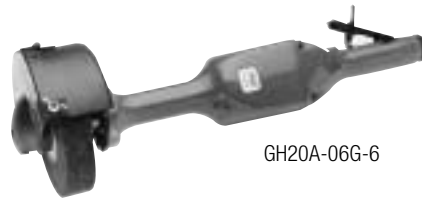
GH15A-05L-5



GH15A-12D-5



GH15A-12G-3



GH20A-06G-6

Standard Equipment

- Wheel Guard, Flanges and Nut
- Powerful, efficient 1.5, 2.2, and 2.0 horsepower motors.
- Patented stainless steel motor controller, backed by a lifetime guarantee.
- Self-locking throttle levers prevent accidental operation.
- Integral steel guard provides operator protection.
- Built-in mist lubricator automatically oils motor each time tool is operated.

Elite Heavy Duty Grinders

Model No.	Free Speed rpm	Rated Power		Exhaust Location	Spindle	Spindle Housing Dia.		Tool Length		Tool Weight		Air Consumption @ Free Speed	
		hp	kW			in.	mm	in.	mm	lbs	kg	cfm	L/s
Spindle Models													
GH15A-03L-5	3,000	1.5	1.2	Side	5/8"-11 x 2"	1 ⁵ / ₁₆	33.3	17 ¹¹ / ₁₆	449	7 ⁵ / ₁₆	3.3	37	17.5
GH15A-05L-5	5,000	1.5	1.2	Side	5/8"-11 x 2"	1 ⁵ / ₁₆	33.3	17 ¹¹ / ₁₆	449	7 ⁵ / ₁₆	3.3	39	18.4
Cone Spindle Models													
GH15A-09D-5	9,000	1.5	1.2	Side	5/8"-11	1 ⁷ / ₈	47.6	16 ⁷ / ₁₆	418	6	2.7	37	17.5
GH15A-12D-5	12,000	1.5	1.2	Side	5/8"-11	1 ⁷ / ₈	47.6	16 ⁷ / ₁₆	418	6	2.7	39	18.4
GH22A-09D-5	9,000	2.2	1.6	Side	5/8"-11	2 ¹ / ₄	57.2	18 ¹ / ₄	464	8 ³ / ₈	3.8	66	31.2
Type 1 Wheel Models													
GH15A-09G-4	9,000	1.5	1.2	Side	1/2"-13	2 ⁵ / ₈	66.7	17 ¹ / ₄	438	6 ¹ / ₂	2.9	37	17.5
GH15A-12G-3	12,000	1.5	1.2	Side	3/8"-24	2 ⁵ / ₈	66.7	16 ⁵ / ₈	422	6 ¹ / ₈	2.8	39	18.4
GH15A-12G-4	12,000	1.5	1.2	Side	1/2"-13	2 ⁵ / ₈	66.7	17 ¹ / ₄	438	6 ¹ / ₂	2.9	39	18.4
GH20A-06G-6	6,000	2.0	1.5	Side	5/8"-11	3 ³ / ₈	85.7	20	508	11 ⁵ / ₁₆	5.3	61	28.8

Air Inlet: 3/8" NPT (GH15A) (Models GH22A, GH20A: 1/2" NPT)
 Recommended Hose Size: 1/2" (GH15A) (Models GH22A, GH20A: 3/4")
 Performance Figures are at 90 PSI air pressure

Elite Heavy Right-Angle Tools

Finishing Tools

Rated Power: 2,500 to 7,500 rpm / 1.5 hp (1.2 kW)



GRP15A-02P-7



GRG15A-06G-7

Standard Equipment

- Powerful, efficient 1.5 horsepower motors.
- Patented stainless steel motor controller, backed by a lifetime guarantee.
- Self-locking throttle lever prevents accidental operation.
- Integral steel guard on wheel models provides operator protection.
- Built-in mist lubricator automatically oils motor each time tool is operated.
- Back-Up Pads
49845 - 224 - 5"
49845 - 225 - 7" Medium
49845 - 226 - 7" Firm
49845 - 227 - 9"
- Polishing Bonnet (GRP15A - 02P - 7 Only)
49842 - 141 Depressed Center Wheel / Type 27 and 28 Wheel

Elite Heavy Duty Right-Angle Tools

Model No.	Free Speed rpm	Rated Power hp	Rated Power kW	Exhaust Location	Spindle	Height Over End of Spindle/Arbor in.	mm	Side to Center Dist. at of Spindle/Arbor in.	mm	Tool Length in.	mm	Tool Weight lbs	kg	Air Consumption @ Free Speed cfm	L/s
Models															
GRG15A-06G-7	6,000	1.5	1.2	Side	5/8"-11	3 ³ / ₄	95.2	1 ⁵ / ₁₆	33.3	17 ⁹ / ₁₆	446	9	4.1	39	18.4
GRG15A-06G-9	6,000	1.5	1.2	Side	5/8"-11	3 ³ / ₄	95.2	1 ⁵ / ₁₆	33.3	17 ⁹ / ₁₆	446	9 ³ / ₁₆	4.2	39	18.4
GRG15A-08G-7	7,500	1.5	1.2	Side	5/8"-11	3 ³ / ₄	95.2	1 ⁵ / ₁₆	33.3	17 ⁹ / ₁₆	446	9	4.1	39	18.4
Sanders and Polishers															
GRS15A-04S-9	4,500	1.5	1.2	Side	5/8"-11	3 ³ / ₄	95.2	1 ⁵ / ₁₆	33.3	17 ⁹ / ₁₆	446	7 ¹³ / ₁₆	3.5	37	17.5
GRS15A-06S-7	6,000	1.5	1.2	Side	5/8"-11	3 ³ / ₄	95.2	1 ⁵ / ₁₆	33.3	17 ⁹ / ₁₆	446	7 ¹³ / ₁₆	3.5	39	18.4
GRP15A-02P-7	2,500	1.5	1.2	Side	5/8"-11	3 ³ / ₄	95.2	1 ⁵ / ₁₆	33.3	17 ⁹ / ₁₆	446	8 ³ / ₈	3.8	37	17.5

Air Inlet: 3/8" NPT Recommended Hose Size: 1/2" Performance Figures are at 90 PSI air pressure

Elite Heavy Duty Vertical Tools

Finishing Tools

Rated Power: 2,400 to 7,700 rpm / 0.8 to 2.0 hp (0.6 to 1.6 kW)



Standard Equipment

- Powerful, efficient .08 – 2.2 horsepower motors.
- Patented stainless steel motor controller, backed by a lifetime guarantee.
- Self-locking throttle lever prevents accidental operation.
- Integral steel guard provides operator protection.
- Built-in mist lubricator automatically oils motor each time tool is operated.
- Back-Up Pads
- Polishing Bonnet (GV08A - 02P - 7 Only)

Elite Heavy Duty Vertical Tools

Model No.	Free Speed rpm	Rated Power hp	Rated Power kW	Exhaust Location	Spindle	Height Over End of Spindle/Arbor in.	Height Over End of Spindle/Arbor mm	Side to Center Dist. at of Spindle/Arbor in.	Side to Center Dist. at of Spindle/Arbor mm	Tool Weight lbs	Tool Weight kg	Air Consumption @ Free Speed cfm	Air Consumption @ Free Speed L/s
Type 6 and 11 Wheel Model													
GVG21A-06F-6	6,000	2.1	1.60	Side	5/8"-11	6 ³ / ₃₂	15.5	2 ¹ / ₈	53.9	8 ³ / ₈	3.8	61	28.8
Type 27 and 28 Wheel Model													
GVG21A-06G-7	6,000	2.1	1.60	Side	5/8"-11	6 ³ / ₃₂	15.5	2 ¹ / ₈	53.9	8 ³ / ₄	4.0	61	28.8
GVG21A-06G-9	6,000	2.1	1.60	Side	5/8"-11	6 ³ / ₃₂	15.5	2 ¹ / ₈	53.9	9 ¹ / ₁₆	4.1	61	28.8
GVG22A-08G-7	7,700	2.2	1.65	Side	5/8"-11	6 ³ / ₃₂	15.5	2 ¹ / ₈	53.9	8 ³ / ₄	4.0	68	32.1
Sanders and Polishers													
GV08A-02P-7	2,400	0.80	0.60	Side	5/8"-11	6 ³ / ₈	16.2	1 ³ / ₁₆	30.2	3 ¹ / ₄	1.5	22	10.4
GV08A-03S-7	3,000	0.80	0.60	Side	5/8"-11	6 ³ / ₈	16.2	1 ³ / ₁₆	30.2	3 ¹ / ₄	1.5	22	10.4
GV08A-05S-7	4,800	0.80	0.60	Side	5/8"-11	6 ³ / ₈	16.2	1 ³ / ₁₆	30.2	3 ¹ / ₄	1.5	22	10.4
GV08A-06S-7	6,000	0.80	0.60	Side	v-11	6 ³ / ₈	16.2	1 ³ / ₁₆	30.2	3 ¹ / ₄	1.5	22	10.4
GVS18A-05S-9	4,500	1.80	1.30	Side	5/8"-11	6	15.2	2 ¹ / ₈	53.9	7 ¹ / ₈	3.2	50	23.6
GVS20A-06S-7	6,000	2.00	1.50	Side	5/8"-11	6	15.2	2 ¹ / ₈	53.9	7 ¹ / ₈	3.2	61	28.8

Air Inlet: 1/4" NPT (GV08A models) 1/2" NPT (GVS models) 3/8" NPT (GVG models)
 Recommended Hose Size: 3/16" (GV08A models) 3/4" (GVS models) 1/2" (GVG models)
 Performance Figures are at 90 PSI air pressure
 G-7 = 7" Guard; G-9 = 9" Guard; F-6 = 6" Guard; P-7 = 7" Polishing Bonnet; S-7 = 7" Back-Up Pad; S-9 = 9" Back-Up Pad

Heavy Duty Grinder Accessories

Description	Series GV08 Part No.	Series GRS/GRP/GVS Part No.	Series GRG/GVG Part No.
5" Sanding Pad Assembly (medium)	77A-AM825-5	77A-AM825-5	—
7" Sanding Pad Assembly (medium)	77A-AM825-7	77A-AM825-7	—
7" Sanding Pad Assembly (firm)	77A-AM825-7	477A-AM825-7	—
9" Sanding Pad Assembly (firm)	77A-AM825-9	77A-AM825-9	—
7" Wool Polishing Bonnet	P500-850	P500-850	—
Pad Mounting Kit	77A-826	77A-826	—
Pad Nut Wrench	AG230-26M	AG230-26M	—
Spindle Wrench	7S60-24818	7S60-24818	—
7" & 9" Type 27 Wheel Adapter Kit ¹	—	—	R3F-AS337
6" Type 6 or 11 Cup Wheel Guard	—	—	88V60-A216
Piped-Away Exhaust Kit	—	—	88V60-K184
Wheel Retaining Screw Wrench	—	88V-562	88V-562

(1) For use with Type 27 "Plain Hole" Depressed Center.

Classic Line Die Grinders

Finishing Tools

Rated Power: 20,000 to 85,000 rpm / 0.1 hp (.08 kW)

Standard Equipment

- Collet with Insert
- Collet Wrenches
- 6'-long x 7/32" ID (1.8 m x 6 mm) Air Hose and 18"-long Exhaust Overhose on Models GH011A-600-(-).
- 7'-long x 3/16" ID (2.1 m x 4.8 mm) Air Hose on Models 7978-(-), 7980-(-), and 7114-E.
- 39830 Cartridge Air Filter on Models 7980-(-) and 7114-E.

Turbine Grinders

85,000 RPM / .1 hp (.08 kW)

Capacity: 1/8" Carbide Bur 3/8" Mounted Stone

- Ideal high-speed tools for final cleaning / polishing of dies.

Pencil Grinders

60,000 RPM / .1 hp (.08 kW)

Capacity: 1/4" Carbide Bur Grinder 1/4" Mounted Stone

- Excellent for intricate grinding applications, including mold finishing, deburring, cleaning and polishing.
- Trim, comfortable design enables excellent control.
- Choice of rear exhaust or front exhaust models.

Die Grinders

20,000 RPM / .1 hp (.08 kW)

Capacity: 1/4" Carbide Bur 1/2" Mounted Stone

- Ideal for mold finishing, light deburring and flash removal.

CLASSIC™
LINE



Classic Line Die Grinders

Model No.	Free Speed rpm	Throttle Style	Std Collet Size		Exhaust Location	Spindle Thread Male	Spindle Offset		Tool Length		Tool Weight		© Free Speed Air Cons.		Std Collet Insert Part No.	
			in.	mm			in.	mm	in.	mm	oz	kg	cfm	L/s		dB(A)
7980-2	85,000	Lever	1/8	3	Front	N/A	.6	14	5.6	143	14	.40	9	4.3	84	31812-4
• 7980-A	85,000	Twist	1/8	3	Front	N/A	.6	14	5.6	143	14	.40	9	4.3	84	31812-4
• 7978	60,000	Slide	1/8	—	Front	N/A	.4	9	5.6	143	5.5	.15	6	2.8	80	46119-2
• GH011A-600-1	60,000	Twist	1/8	—	Rear	N/A	.34	9	5.3	136	2.6	.07	7	3.3	77	47568-1
• 7114-E	20,000	Lever	1/8	3	Front	N/A	.5	12	6	152	13	.37	6	2.8	79	31812-4

• Most popular model Hose Inlet – 1/8" NPTF Recommended Air Pressure – 90 PSI (6.2 bar)

Optional Collet Inserts

For Models	Part No.	Description
7980 & 7114-E	31812-(-)	Collet Insert
7978	46119-(-)	Collet Insert
GH011A	47568-(-)	Collet Insert

For other optional collet inserts see page 93.



Part No. 39830
Cartridge Air Filter

Classic Line Die Grinders Finishing Tools

Rated Power: 20,000 rpm / 0.6 hp (.45 kW)



8827-ARO
with 45248-1 Universal Guide



8827-ARO
with 45248-2 Guide

Stylus Router

20,000 rpm / .6 hp (.45 kW)

Capacity: 1/4" Collet

2 1/2" Carbide Bit

- Powerful, lightweight router for use with templates on laminated plastics, FRP and FMC materials, wood and sheet metal.
- Choice of guide assemblies at extra cost. Order tool with desired guide number.

Classic Line Die Grinders

Model No.	Free Speed rpm	Throttle Style	Std Collet Size		Exhaust Location	Tool Length		Tool Weight		@ Free Speed		Std Collet Insert Part No.	
			in.	mm		in.	mm	oz	kg	Air Cons. cfm	Sound Level L/s dB(A)		
8827-ARO	20,000	Lever	1/4	6	Rear	9.1	231	1.4	.7	31	1	84	33226-8

Air Inlet – 1/4" NPTF

Recommended Air Pressure – 90 PSI (6.2 bar)

Recommended Hose Size – 5/16" (8 mm) I.D.

Standard Equipment

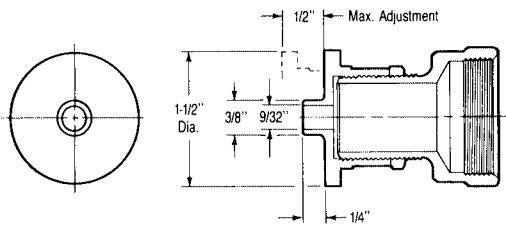
- Collet
- Collet Wrenches

Extra Cost Accessories

Part #	Description
45248-1	Universal Guide Assembly
45248-2	Guide Assembly
45253-()	Pipe Exhaust Assembly

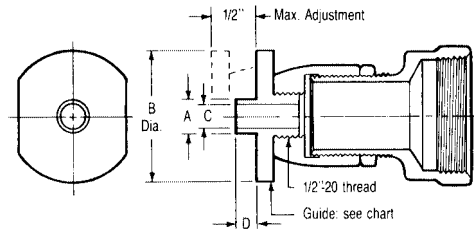
45248-1 Universal Guide Assembly

Recommended for maximum bit exposure.



39980-() Router Guides for 1/4" Bits

Guides thread into 1/2-20 (female) thread on Guide.



Dimensions

Guide Part No.	A		B		C		D	
	in.	mm	in.	mm	in.	mm	in.	mm
39980-3	3/8	10	3/4	19	9/32	7	1/4	6
39980-5	3/8	10	1 1/2	38	9/32	7	1/8	3
39980-6	3/8	10	1 1/2	38	9/32	7	1/4	6
39980-7	3/8	10	1 1/2	38	9/32	7	3/8	10
39980-8	3/8	10	2 1/2	64	9/32	7	3/8	10
39980-11	7/16	11	3/4	19	21/64	8	3/8	10
39980-14	7/16	11	1 1/2	38	21/64	8	3/8	10
39980-16	1/2	13	1 1/2	38	21/64	8	1/4	6
39980-18	1/2	13	1 1/2	38	21/64	8	1/2	13
39980-19	1/2	13	2 1/2	64	21/64	8	1/2	13

45248-2 Guide Assembly

Recommended for template routing. Also order 39980-() Router Guide, separately. 39980-6 guide is furnished as standard unless otherwise specified.

Classic Line Die Grinders

Finishing Tools

Rated Power: 14,500 to 30,000 rpm / 0.3 to .6 hp (0.2 to 0.4 kW)

Standard Equipment

- Collet with Insert

Die Grinders

30,000 RPM / .3 hp (.2 kW)

Capacity: 5/8" Carbide Bur 1" Mounted Stone

- Popular, lightweight tools for light deburring and flash removal.
- Optional lock-off throttle lever shown.

CLASSIC™
LINE



8475-A

Classic Line Die Grinders

Model No.	Free Speed rpm	Throttle Style	Std Collet Size in. mm ¹	Exhaust Location	Spindle Thread Male	Spindle Offset in. mm	Tool Length in. mm	Tool Weight oz. kg	@ Free Speed Air Consp. cfm L/s	Sound Level dB(A)	Std Collet Insert Part No.
8475-A	30,000	Lever	1/4 -	Front	5/16-24	.7 17	5.1 132	12 .34	18 8.5	81	41750-3
8475-A1	30,000	Lever	1/4 -	Front	5/16-24	.7 17	5.1 132	12 .34	18 8.5	81	31812-8

- Most popular models

Note:-A1 models are equipped with a 44124-8 Erickson Collet. For metric size collets, order tool "with" 41753(-).

For metric size collet inserts, see 41750(-) on page 93.

Air Inlet – 1/4" NPTF Recommended Air Pressure – 90 PSI (6.2 bar) Recommended Hose Size – 5/16" (8 mm) I.D.

Option Collet Inserts

For Models	Part No.	Description	Substituted for Standard
All -A	41750(-)	Collet Insert	Collet Insert
All -A1	31812(-)	Erickson Collet	Collet Insert
8475	45953	Lock-off lever	Lever (Extra Cost Accessory)

For other optional collet inserts see page 93.

Standard Equipment

- Collet with Insert
- Collet Wrenches

Die Grinders

21,000 RPM / .5 hp (.4 kW)

Capacity: 1 1/2" Mounted Stone

- Very popular, all-purpose die grinders for deburring and flash removal.
- Optional lock-off throttle lever shown.

18,000 RPM / .4 hp (.3 kW)

Capacity: 1 1/2" Mounted Stone 2" x 1 1/2" Type 1 Wheel

- Excellent deburring and flash removal tool.
- Optional lock-off throttle lever shown

14,500 to 18,000 rpm / .6 HP (.4 kW)

Capacity: 1 1/2" Mounted Stone 2" x 1 1/2" Type 1 Wheel

- Designed for heavier stock removal and deburring applications in foundries and metal fab shops.
- Built-in speed regulator.
- Optional lock-off throttle lever shown.



7153-C



8212-1B



7015-11

Classic Line Die Grinders

Model No.	Free Speed rpm	Throttle Style	Std Collet Size in. mm ¹	Exhaust Location	Spindle Thread Male	Spindle Offset in. mm	Tool Length in. mm	Tool Weight oz. kg	@ Free Speed Air Consp. cfm L/s	Sound Level dB(A)	Std Collet Insert Part No.
8212-1B ¹	21,000	Lever	1/4 -	Front	3/8-24	.8 21	5.9 149	1.4 .6	27 12.7	86	41750-3
7015-11 ¹	18,000	Lever	1/4 -	Front	3/8-24	.8 21	5.9 149	1.2 .5	22 10.4	84	37431-3
7149-C	18,000	Button	1/4 -	Side	3/8-24	.9 24	7.0 179	2.0 .9	21 9.9	86	41750-3
7153-C ¹	18,000	Lever	1/4 -	Side	3/8-24	.9 24	7.0 179	2.0 .9	21 9.9	86	41750-3
7236-C	14,500	Lever	1/4 -	Side	3/8-24	.9 24	7.0 179	2.0 .9	23 10.9	83	41750-3

- Most popular models

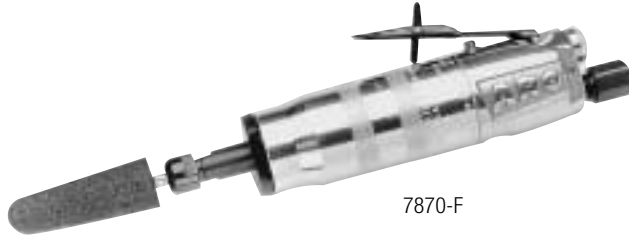
(1) For other optional collet inserts see page 93.

Air Inlet – 1/4" NPTF Recommended Air Pressure – 90 PSI (6.2 bar) Recommended Hose Size – 5/16" (8 mm) I.D.

Classic Line Die Grinders

Finishing Tools

Rated Power: 12,000 to 18,000 rpm / (0.3 to 0.6 kW)



Standard Equipment

- Collet with Insert
- Collet Wrenches

Die Grinders

18,000 rpm & 12,000 RPM

0.8 hp (.6 kW) & .4 hp (.3 kW)

Capacity: 2" Mounted Stone 2" Type 1 Wheel

- Excellent tools for removal of parting lines on castings and heavier deburring applications.
- Duplex bearings provide added spindle support for longer life.
- Built-in speed regulator.
- Optional lock-off throttle lever shown.

17,000 rpm / .5 HP (.4 kW)

Capacity: 1 1/2" Mounted Stone 2" Type 1 Wheel

- Popular tools for heavier flash removal and deburring.
- Built-in regulator.
- Optional lock-off throttle lever shown.

Classic Line Die Grinders

Model No.	Free Speed rpm	Throttle Style	Std Collet Size		Exhaust Location	Spindle Thread Male	Spindle Offset in. mm	Tool Length		Tool Weight		@ Free Speed		Std Collet Insert Part No.	
			in.	mm ¹				in.	mm	lbs	kg	Air Cons. cfm	Sound Level L/s dB(A)		
• 7870-F	18,000	Lever	1/4	-	Rear	3/8-24	.9 24	7.8	198	2.4	1.1	30	14.2	87	41750-3
7872-F	18,000	Button	1/4	-	Rear	3/8-24	.9 24	7.8	198	2.4	1.1	30	14.2	87	41750-3
• 7015-E	17,000	Lever	1/4	-	Rear	3/8-24	.9 22	6.6	168	1.6	.7	24	11.3	84	41750-3
7014-E	17,000	Button	1/4	-	Rear	3/8-24	.9 22	6.6	168	1.6	.7	24	11.3	84	41750-3
7871-F	12,000	Lever	1/4	-	Rear	3/8-24	.9 24	7.8	198	2.4	1.1	15	7.1	81	41750-3

- Most popular models

(1) For metric size collet inserts, see 41750-() on page 93.

Air Inlet – 1/4" NPTF Recommended Air Pressure – 90 PSI (6.2 bar) Recommended Hose Size – 5/16" (8 mm) I.D.

Optional Collet Inserts

For Models	Part No.	Description	Substituted for Standard
All	41750-()	Collet Insert	Collet Insert
All	41127-()	Erickson Collet	Collet

For other optional collet inserts see page 93.

Extra Cost Accessories

For Models	Part No.	Description
7014, 7015	44360-()	Piped Exhaust Assembly
All Lever Models	45779	Lock-Off Lever

For Piped Exhaust Assembly see page 110.

For Lock-Off Lever see page 93.

Classic Line Extension Grinders

Finishing Tools

Rated Power: 4,500 rpm / 0.7 hp (0.5 kW)

Standard Equipment

- Arbor Adapter on Wire Brush Tools
- Collet and Insert on Rotary File Tools
- Collet or Adaptor Wrenches
- Flanges and Nuts

Wire Brush Tools

4,500 RPM / .7 hp (.5 kW)

- Excellent tools for fast surface cleaning for weld and paint preparation.
- Optional lock-off throttle lever shown.

Rotary File Tools

4,500 RPM / .7 hp (.5 kW)

- Designed for heavier deburring in metal fab shops.
- Built-in speed regulator.
- Optional lock-off throttle lever shown.

CLASSIC™
LINE



8067-E1



7874-E2

Classic Line Extension Grinders

Model No.	Free Speed rpm	Throttle Style	Std Arbor/ Collet Size in. mm ¹	Exhaust Location	Spindle Thread Male	Spindle Offset in. mm	Tool Length in. mm	Tool Weight lbs kg	@ Free Speed Air Cons. cfm L/s	Sound Level dB(A)	Std Arbor Adpt Collet Insert Part No.
Wire Bush Tools											
8067-E1	4,500	Lever	3/8 -	Rear	3/8-24	.9 24	12.9 329	3.7 1.7	32 15.1	88	36934
7874-E1	4,500	Lever	3/8 -	Rear	3/8-24	.9 24	10.1 257	3.0 1.4	32 15.1	88	36934
Rotary File Tools											
8067-E2	4,500	Lever	1/4 -	Rear	3/8-24	.9 24	12.9 329	3.7 1.7	32 15.1	88	41750-3
7874-E2	4,500	Lever	1/4 -	Rear	3/8-24	.9 24	10.1 257	3.0 1.4	32 15.1	88	41750-3

(1) For metric size collet inserts, see 41750-() on page 93.

Air Inlet – 1/4" NPTF Recommended Air Pressure – 90 PSI (6.2 bar) Recommended Hose Size – 5/16" (8 mm) I.D.

Optional Collet Inserts

For Models	Part No.	Description	Substituted for Standard
All	41750-()	Collet Insert	Collet Insert
All	33226-()	Erickson Collet	Collet
All	45779	Lock-Off Lever ¹	Lever

(1) Extra cost accessory.

For other optional collet inserts see page 93.

Classic Line Right-Angle Grinders
Finishing Tools

Rated Power: 13,000 to 14,000 rpm / 0.5 hp (0.4 kW)

Right Angle-Grinders

13,000 & 14,000 rpm / .5 HP (.4 kW)

Capacity: 1/4" x 4" Type 27 and 28 Wheel

1" Mounted Stone

3" Sanding Pad

- Excellent general purpose grinders.
- Designed for tough, hard-to-reach applications in foundries, shipyards, metal fab shops, power plants and general plant maintenance.



8318

Classic Line Right-Angle Grinders

Model No.	Free Speed rpm	Throttle Style	Wheel Cap. Dia. in. mm	Wheel Type	Exhaust Location	Spindle Thread Male	Tool Length in. mm	Angle Head Height in. mm	Tool Weight lbs kg	@ Free Speed Air Consp. cfm L/s	Sound Level dB(A)	Std Collet Insert Part No.
8318	13,000	Lever	4 102	27 & 28	Rear	3/8-24	9.1 232	2.4 62	2.7 1.2	25 11.8	84	45977
8317-L-1	14,000	Lever	4 102	Cut-off	Rear	3/8-24	9.1 232	2.6 67	2.7 1.2	25 11.8	84	45207
8317-L-2	14,000	Lever	3 76	27	Rear	3/8-24	9.1 232	2.4 62	2.7 1.2	25 11.8	84	45558
8317-L-4	14,000	Lever	1 25	Mt Stone	Rear	1/4" collet	9.1 232	2.8 70	2.7 1.2	25 11.8	84	41750-3
			3 76	Sanding Pad								

- Most popular model

Air Inlet – 1/4" NPTF Recommended Air Pressure – 90 PSI (6.2 bar) Recommended Hose Size – 5/16" (8 mm) I.D.

Optional Collet Inserts

For Models	Part No.	Description	Substituted for Standard
8317 & 8318	45779	Lock-Off Lever ¹	Lever
8317-L-4	41750-()	Collet Insert	Collet insert

(1) Extra cost accessory.
 For other optional collet inserts see page 93.

Extra Cost Accessories

For Models	Part No.	Description
8317 & 8318	48932	Dead Handle
8317 & 8318	44360-()	Piped Exhaust Assembly

For Piped Exhaust Assembly see page 110.

Classic Line Right-Angle Grinders and Sanders

Finishing Tools

Rated Power: 12,000 to 20,000 rpm / 0.3 hp (0.2 kW)

Standard Equipment

- Collet on Models 7581-F & 8479-(-).

Right Angle-Sander

14,000 RPM / .3 hp (.2 kW)

Capacity: 3" Sanding Pad

- Excellent tool for contour sanding and for finishing in limited access areas.
- Optional lock-off throttle lever shown.

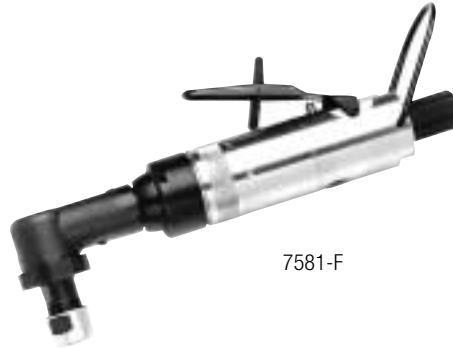
Right-Angle Grinders / Sanders

12,000 & 20,000 rpm / .3 HP (.2 kW)

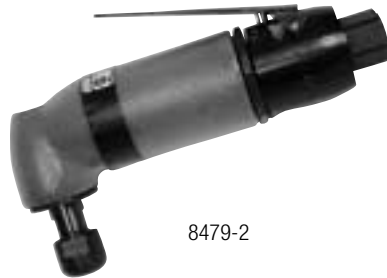
Capacity: A, B, and W Shapes 3" Sanding Pad

- Ideal for finishing hard-to-reach areas, such as tight corners, irregular contours and small orifices.
- Can be used to finish metal, fiberglass and wood.
- One-piece angle housing provides high durability.
- Optional lock-off throttle lever shown.

CLASSIC™
LINE



7581-F



8479-2



8480-1
(Pad not included)

Classic Line Right-Angle Grinders and Sanders

Model No.	Free Speed rpm	Throttle Style	Collet Size in.	Exhaust Location	Spindle Thread Male	Tool Length		Angle Head Height		Tool Weight		@ Free Speed		Standard Collet Insert Part No.	
						in.	mm	in.	mm	lbs	kg	Air Cons. cfm	Sound Level L/s dB(A)		
• 7581-F	14,000	Lever	1/4	Rear	-	8.2	210	2.3	58	2.0	.9	17	8	81	37431-3
• 8479-1	12,000	Lever	1/4	Rear	-	5.8	149	2.9	73	1.2	.7	14	6.6	84	41750-3
• 8479-2	20,000	Lever	1/4	Rear	-	5.8	149	2.9	73	1.2	.7	17	8	84	41750-3
• 8480-	12,000	Lever	1/4	Rear	1/4-20	5.8	149	2.9	73	1.2	.7	14	6.6	84	-
• 8480-2	20,000	Lever	1/4	Rear	1/4-20	5.8	149	2.9	73	1.2	.7	17	8	84	-

- Most popular models

Air Inlet – 1/4" NPTF Recommended Air Pressure – 90 PSI (6.2 bar) Recommended Hose Size – 5/16" (8 mm) I.D.

Optional Collet Inserts

For Models	Part No.	Description	Substituted for Standard
7581-F	37431-(-)	Rubber Flex Collet Insert	Collet Insert
8479	41750-(-)	Collet Insert	Collet Insert
All	45953	Lock-Off Lever ¹	Lever

- (1) Extra cost accessory.
For other optional collet inserts see page 93.

Extra Cost Accessories

For Models	Part No.	Description
All	44648	2" Sanding Back-Up Pad ¹
All	44647	3" Sanding Back-Up Pad ¹
8479, 8480	45369-4	Piped Exhaust Assembly

- (1) Back-up pads will adapt to either a 1/4" collet or 1/4-20 UNC-male spindle.
Pads accept fast locking type sanding discs. See page 88.
For Piped Exhaust Assembly see page 110.

Classic Line Right-Angle Sanders and Polishers

Finishing Tools

Rated Power: 15,00 to 6,000 rpm / 0.5 to 0.9 hp (0.4 to 0.7 kW)



Standard Equipment

- 7" Sanding Back-Up Pad and Nut (except Model 7945-EW).
- Pad Wrenches (except Model 7945-EW).
- Model 7945-EW equipped with Watter Nozzle and Rubber Shield for wet sanding applications.

Right-Angle Sanders

1,500 to 6,000 rpm / .5 to .9 hp (0.4 to 0.7 kW)
Capacity: 7" Sanding Pad

- Excellent, lightweight metal prep tools for weld blending and finish rework applications.

Right-Angle Polishers

1,500 to 6,000 rpm / .5 to .9 hp (0.4 to 0.7 kW)
Capacity: 7" Bonnet

- Ideal for putting final sheen on fiberglass, stainless steel, painted surfaces and furniture.

Classic Line Right-Angle Sanders and Polishers

Model No.	Free Speed rpm	Throttle Style	Collet Size in. mm	Exhaust Location	Spindle Thread Male	Tool Length in. mm	Angle Head Height in. mm	Tool Weight lbs kg	@ Free Speed Air Cons. cfm L/s	Sound Level dB(A)	Standard Back-Up Part No.
Sanders											
7096-D	3,500	Lever	7 178	Side	5/8-11	9.5 241	4.5 114	4.3 1.9	22 10.4	86	45361
7945-E	1,500	Lever	7 178	Rear	5/8-11	10.9 277	4.5 114	4.4 2.0	32 15.1	87	45361
7945-EW	1,500	Lever	7 178	Rear	5/8-11	15.0 381	4.5 114	6.5 2.9	32 15.1	87	None
7944-E	3,500	Lever	7 178	Rear	5/8-11	10.9 277	4.5 114	4.4 2.0	32 15.1	87	45361
7939-E	6,000	Lever	7 178	Rear	5/8-11	10.9 277	4.5 114	4.4 2.0	32 15.1	87	45361
Polishers											
7098-D ¹	1,500	Lever	7 178	Side	5/8-11	9.5 241	4.5 114	4.3 1.9	22 10.4	86	45361
7945-E ¹	1,500	Lever	7 178	Rear	5/8-11	10.9 277	4.5 114	4.4 2.0	32 15.1	87	45361

(1) Lamb's Wool Bonnet must be ordered separately.

Air Inlet – 1/4" NPTF Recommended Air Pressure – 90 PSI (6.2 bar) Recommended Hose Size – 5/16" (8 mm) I.D.

Accessories

For Models	Part No.	Description	Substituted for Standard
All ¹	31859-()	Back-Up Pad & Nut	Back-Up Pad
All ¹	32809-()	Back-Up Pad & Nut	Back-Up Pad
7939, 7944 & 7945	45779	Lock-Off Lever ²	Lever

(1) Except Model 7945-EW.

(2) Extra Cost.

For Piped Exhaust Assembly see page 110.