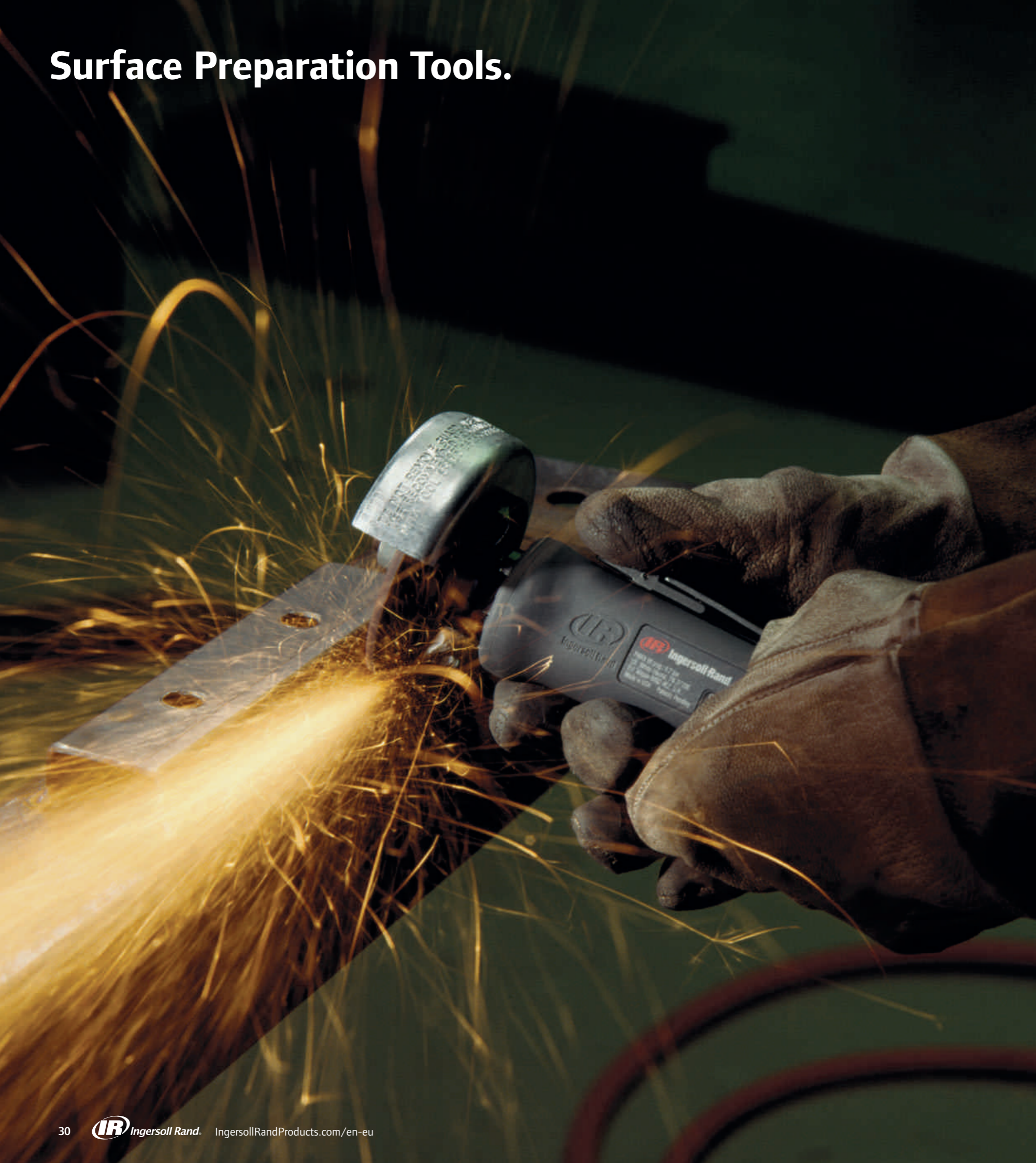


# Surface Preparation Tools.



## Pneumatic Grinding & Finishing

- 32 | Selection Chart
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*Advancements in manufacturing and production continue to transform the nature of industrial finishing. In many segments, increases in precision and reductions in waste are changing overall demands. New materials require different tool speeds and attachments; parts and components must match surrounding surfaces with greater accuracy. For more than 100 years, Ingersoll Rand has helped transform the way the industry works. Our designs reflect emerging trends in finishing tool use, changing technology, and new materials. Whatever the application, Ingersoll Rand finishing tools bring out the best in your operators' skills, and contribute to the ultimate quality of your products and processes.*



## G Series Die Grinders

From the compact 0.3 kW (0.4 hp) G1 Series to the powerful 1.0 kW (1.35 hp) G3 Series, these grinders are made for any grinding, cutting, and material removal needs.

### G1 Series:

For light material removal, cleaning rough castings and welds, deburring parts.

- 0.3 kW (0.4 hp) motor.
- Easily interchangeable front/rear exhaust.
- Piped-away exhaust as standard.

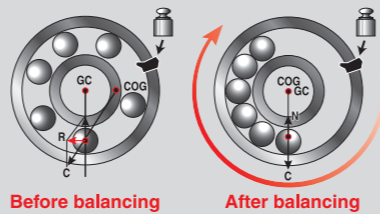
### G3 Series:

For heavy material removal with burrs, grinding wheels, and coated abrasives. Internal contamination-free air controller helps maintain tool speed regardless of the load.

- High torque 1 kW (1.35 hp) air motor.
- Internal motor governor maximizes speed under load, increasing your rate of material removal.
- Auto balancing system and anti-vibration dead handle on G3 "AV" models significantly reduces vibrations and increases life of grinding wheels.
- Piped-away exhaust as standard.



Auto balancing system on G3 Series



Technical Specifications at 6.2 bar (90 psi) dynamic pressure at inlet

Model No.	CPN	kWatt kWatt	1 min rpm	mm	kg	L mm	in (NPT)	mm	Max. l/s	dB(A) (1)	m/s <sup>2</sup> /K <sup>(2)</sup>
<b>Straight Die Grinders</b>											
<b>G1H200PG4M</b>	80155245	0.30	20,000	6mm	0.41	156	1/4"	8	9.0	78.5	2.9/1.7
<b>G1H250PG4M</b>	80155286		25,000	6mm	0.41	156	1/4"	8	9.4	79.2	2.5/1.4
<b>G1H350PG4M</b>	80155310		35,000	6mm	0.41	156	1/4"	8	11.8	81.1	< 2.5
<b>G3H150PG4M</b>	80224231	1.00	15,000	6mm	1.05	230	3/8"	13	15.6	83.5	3.7/2.6
<b>G3H180PG4M</b>	80223787		18,000	6mm	1.05	230	3/8"	13	26.0	83.5	< 2.5
<b>Straight Extended Die Grinders</b>											
<b>G1X200PG4M</b>	80155336	0.30	20,000	6 mm	0.59	232	1/4"	8	11.8	77.9	< 2.5
<b>G1X250PG4M</b>	80155351		25,000	6 mm	0.59	232	1/4"	8	11.8	80.0	< 2.5
<b>G1X350PG4M</b>	80155377		35,000	6 mm	0.59	232	1/4"	8	11.8	81.9	< 2.5
<b>G3X150PG4M</b>	80155765	1.00	15,000	6 mm	1.70	359	3/8"	13	15.6	87.9	3.6/0.8
<b>G3X180PG4M</b>	50155732		18,000	6 mm	1.70	359	3/8"	13	26.0	86.4	< 2.5

(1) Sound pressure without pipe away exhaust (up to 6 dB(A) less with piped away exhaust).

(2) ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.

Technical Specifications at 6.2 bar (90 psi) dynamic pressure at inlet

Model No.	CPN	kWatt kWatt	1 min rpm	mm	kg	L mm	in (NPT)	mm	Max. l/s	dB(A) (1)	m/s <sup>2</sup> /K <sup>(2)</sup>
<b>Angle Die Grinders</b>											
<b>G1A200PG4M</b>	80155211	0.30	20,000	6 mm	0.50	152	1/4"	8	11.8	80.6	5.6/1.1
<b>G3A120PG4M</b>	80177462	1.00	12,000	6 mm	1.90	241	3/8"	13	26.0	84.7	5.5/0.9
<b>G1A120PG4M</b>	80155187	0.30	12,000	6 mm	0.50	152	1/4"	10	8.96	79.6	3.4/0.9

(1) Sound pressure without pipe away exhaust (up to 6 dB(A) less with piped away exhaust).

(2) ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.

## M Series Die Grinders

Super Duty Grinder Suited for heavier-duty grinding, cutting, cleaning, and polishing applications.

Engineered and built with Ingersoll Rand reliability and durability, the M Series has the features operators want most.

### M2 Series:

For heavier-duty applications in grinding, cutting, cleaning, and polishing.

- Powerful 0.75 kW (1 hp) lube-free air motor.
- Internal motor governor maintains grinder speed and manages air flow for efficient energy use.

- Spindle lock on angle models, allows faster, easier accessory changes.
- Piped-away exhaust as standard.



Technical Specifications at 6.2 bar (90 psi) dynamic pressure at inlet

Model No.	CPN	kWatt kWatt	1 min rpm	mm	kg	L mm	in (NPT)	mm	Max. l/s	dB(A) (1)	m/s <sup>2</sup> /K <sup>(2)</sup>
<b>Straight Die Grinders</b>											
<b>M2H180RG4</b>	48421580	0.75	18,000	6 mm + 1/4"	0.77	213	3/8"	10	19.8	84.7	4.2/1.6
<b>M2H200RG4</b>	48421572		20,000	6 mm + 1/4"	0.77	213	3/8"	10	19.8	84.9	4.4/1.1
<b>M2H250RG4</b>	48393003		25,000	6 mm + 1/4"	0.77	213	3/8"	10	19.8	88.2	< 2.5
<b>Straight Extended Die Grinders</b>											
<b>M2X075RG4</b>	48405294	0.75	7,500	6 mm + 1/4"	1.35	304	3/8"	10	19.8	88.0	< 2.5
<b>M2X180RG4</b>	48418396		18,000	6 mm + 1/4"	1.22	332	3/8"	10	19.8	88.8	2.8/0.9
<b>M2X200RG4</b>	48421655		20,000	6 mm + 1/4"	1.22	332	3/8"	10	19.8	84.9	< 2.5
<b>M2X250RG4</b>	48421663		25,000	6 mm + 1/4"	1.22	332	3/8"	10	19.8	88.2	< 2.5

(1) Sound pressure without pipe away exhaust (up to 6 dB(A) less with piped away exhaust).

(2) ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.

Technical Specifications at 6.2 bar (90 psi) dynamic pressure at inlet

Model No.	CPN	kWatt kWatt	1 min rpm	mm	kg	L mm	in (NPT)	mm	Max. l/s	dB(A) (1)	m/s <sup>2</sup> /K <sup>(2)</sup>
<b>Angle Die Grinders</b>											
<b>M2A120RG4</b>	48421648	0.75	12,000	6 mm + 1/4"	1.62	227	3/8"	10	19.8	87.1	< 2.5
<b>M2A180RG4</b>	48421697		18,000	6 mm + 1/4"	1.62	227	3/8"	10	19.8	88.8	3.1/1.0

(1) Sound pressure without pipe away exhaust (up to 6 dB(A) less with piped away exhaust).

(2) ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.

### Erickson Collets for G1 Series

Model No.	CPN	Size
<b>DG110-700-G2</b>	03641743	3.2 mm
<b>DG110-700-6MM</b>	04261053	6 mm
<b>DG110-700-G4</b>	03641602	6.35 mm

### Erickson Collets for M2 and G3 Series

Model No.	CPN	Size
<b>G160HD-700-6MM</b>	04261061	6 mm
<b>G160HD-700-1/4</b>	03493962	6.35 mm
<b>DG121HD-700-M8</b>	03641321	8 mm
<b>DG120HD-700-G6</b>	03641313	9.52 mm

G and M Series Grinders



Technical Specifications at 6.2 bar (90 psi) dynamic pressure at inlet

Model No.	CPN	kWatt	1 min rpm	mm	mm	kg	mm	in (NPT)	mm	Max. l/s	dB(A) (1)	m/s <sup>2</sup> /K <sup>(2)</sup>
<b>Angle Grinders</b>												
G1A200PP63	80155419	0.30	20,000	75	3/8"-24	0.59	152	1/4"	8	11.8	79.9	16.8/6.2
M2A090RP95	48421622	0.75	9,000	125	M14	1.62	236	3/8"	10	19.8	87.7	4.6/1.6
M2A120RP945	48391981		12,000	115	M14	1.71	236	3/8"	10	19.8	87.0	5.1/1.5
M2A120RP95	48421606	1.0	12,000	125	M14	1.77	236	3/8"	10	19.8	87.0	5.0/1.6
G3L086PP95 (3)	80232408		8,600	125	M14	2.32	330	3/8"	13	26.0	84.0	5.0/1.9
G3A100PP96AV	80217052	1.0	10,000	150	M14	2.32	245	3/8"	13	26.0	86.1	4.8/1.9
G3A120PP945AV	80217037		12,000	115	M14	2.18	245	3/8"	13	15.6	88.7	4.8/1.5
G3A120PP95AV	80217045		12,000	125	M14	2.09	245	3/8"	13	26.0	88.7	5.0/1.9
<b>Straight Grinders</b>												
G1H250PH63	80155443	0.30	25,000	75	3/8"-24	0.57	156	1/4"	8	9.4	81.1	10.7/3.3
M2X180RH63	48421580	0.75	18,000	75	3/8"-24	1.48	339	3/8"	10	19.8	85.3	< 2.5
G3X150PH64	80155799	1.0	15,000	100	3/8"-24	2.04	359	3/8"	13	15.6	84.5	2.5/0.8
G3X180PH63	80155781		18,000	75	3/8"-24	2.04	359	3/8"	13	26.0	88.8	2.8/0.9

(1) Sound pressure without pipe away exhaust (up to 6 dB(A) less with piped away exhaust).  
(2) ISO28927 - 3-axis measurement: vibration level/measurement uncertainty.  
(3) Extended angle grinder.

G and M Series Sanders



Sanding Pads for G and M Series

Model No	CPN	Description	Size
02A-MEDPD	80199177	For G1 Series	Ø 50 mm (2")
03A-MEDPD	80198963		Ø 75 mm (3")
77A-AM825-5	03675477	For M2 and G3 Series (medium)	Ø 125 mm (5")
77A-AM825-7	03675469		Ø 180 mm (7")
77A-AM825-9	03675451	For M2 and G3 Series (firm)	Ø 230 mm (9")

Technical Specifications at 6.2 bar (90 psi) dynamic pressure at inlet

Model No.	CPN	kWatt	1 min rpm	mm	kg	mm	in (NPT)	mm	Max. l/s	dB(A) (1)	m/s <sup>2</sup> /K <sup>(2)</sup>	
<b>Sanders</b>												
G1A120PS4	80155468	0.30	12,000	Option (see the table above)	1/4"-20	0.50	152	1/4"	8	9.0	80.6	3.0/1.0
G1A200PS4	80155534		20,000					1/4"	8	11.8	82.4	< 2.5
M2L025RS9	48421788	0.75	2,500	Option (see the table above)	M14	1.90	318	3/8"	10	19.8	87.0	4.0/1.4
M2L040RS9	48421796		4,000					3/8"	10	19.8	88.8	2.8/1.8
M2L055RS9	48421812		5,500					3/8"	10	19.8	88.8	3.7/1.1
G3L086PS10	80223803	1.0	8,600		5/8"-11	1.93	330	3/8"	13	15.6	82.0	< 2.5

(1) Sound pressure without pipe away exhaust (up to 6 dB(A) less with piped away exhaust).  
(2) ISO28927 - 3-axis measurement: vibration level/measurement uncertainty.

G Series Belt Sanders

Technical Specifications at 6.2 bar (90 psi) dynamic pressure at inlet

Model No.	CPN	kWatt	1 min rpm	mm	kg	mm	in (NPT)	mm	Max. l/s	dB(A) (1)	m/s <sup>2</sup> /K <sup>(2)</sup>
<b>Belt Sanders</b>											
G1A120PS418	80155484	0.30	12,000	457 x 6.35	0.54	356	1/4"	8	9.0	82.4	< 2.5
G1A120PS812	80155500		12,000	305 x 12.7	0.54	273	1/4"	8	9.0	82.4	< 2.5
G1A200PS812	80155559		20,000	305 x 12.7	0.54	273	1/4"	8	11.8	83.6	2.6/0.7

(1) Sound pressure without pipe away exhaust (up to 6 dB(A) less with piped away exhaust).  
(2) ISO28927 - 3-axis measurement: vibration level/measurement uncertainty.

Sanding Belts 3/8"-24 female thread

Model No.	CPN	Dimensions	Grit
LG1-SB812-60-10	04025649	12.7 x 305 mm (1/2" x 12")	60
LG1-SB812-80-10	04025656		80
LG1-SB812-100-10	04025664		100
LG1-SB418-60-10	04279832	6.35 x 457 mm (1/4" x 18")	60
LG1-SB418-80-10	04279840		80
LG1-SB418-100-10	04279857		100



See also our PBA416 high precision belt sander page 42



## Pro Series Grinders/Sanders

Pro Series grinders incorporate a patented motor controller which is designed to increase productivity while enhancing operator safety. Adjustable side handles, an ergonomic main handle, and self-locking throttle all help to reduce operator fatigue.

### Reliability:

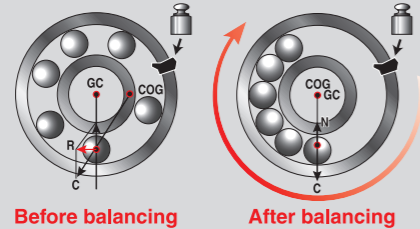
- Solid steel motor and arbor housing provide maximum durability.
- Built-in mist lubricator automatically oils motor when throttle is activated.

### Efficiency:

- Heavy-duty, double-row ball bearings assure long life and smooth operation.
- Auto balancing system on angle and vertical models – reduces vibration and increases abrasives lifetime.



Auto balancing system on Pro-Series angle and vertical models



Pro-Series motor controller prevents over-speeding and manages air flow for efficient energy use



## Pro-Series Straight Grinders/Collet

Erickson Collet



Technical Specifications at 6.2 bar (90 psi) dynamic pressure at inlet

Model No.	CPN	kWatt kWatt	1 min rpm	mm	kg	L mm	in (NPT)	mm	Max. l/s	dB(A)	m/s <sup>2</sup> /K <sup>(1)</sup>
<b>Straight Grinders - Erickson Collet</b>											
61H150G4-EU	01339316	1.00	15,000	6 mm	1.9	394	3/8"	13	18.9	89.8	< 2.5
61H120G4-EU	01338391	0.93	12,000	6 mm	1.9	394	3/8"	13	17.5	86.6	< 2.5

(1) ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.

Erickson Collets for 61H Series



Model No.	CPN	Size
G160HD-700-6MM	04261061	6 mm
G160HD-700-1/4	03493962	1/4"
DG121HD-700-M8	03641321	8 mm
DG120HD-700-G6	03641313	3/8"

## Pro-Series Angle Grinders

Type 27 and 28 wheels



Technical Specifications at 6.2 bar (90 psi) dynamic pressure at inlet

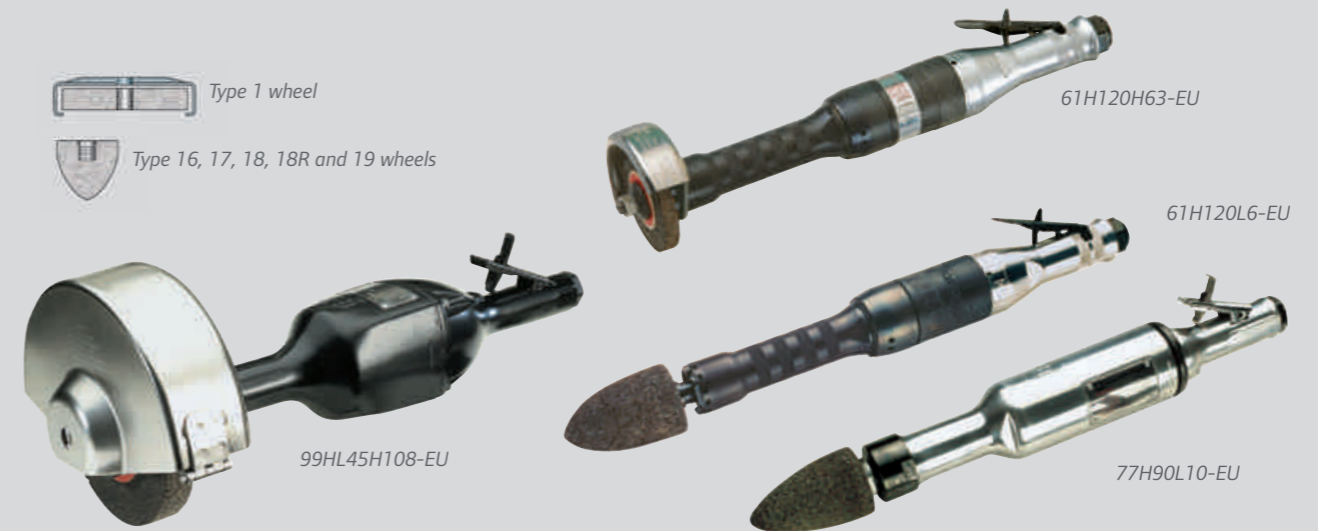
Model No.	CPN	kWatt kWatt	1 min rpm	mm	kg	L mm	in (NPT)	mm	Max. l/s	dB(A)	m/s <sup>2</sup> /K <sup>(1)</sup>
<b>Angle Grinders</b>											
77A60P107M-EU	01338300	1.12	6,000	180	4.1	447	3/8"	13	18.4	85.9	< 2.5
77A75P107M-EU	01338771	1.12	7,500	180	4.2	447	3/8"	13	18.4	85.9	2.6/0.8
77A60P109M-EU	01338201	1.12	6,000	230	4.2	447	3/8"	13	18.4	104.7	2.4/0.8

(1) ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.

## Pro-Series Straight Grinders

Type 1 wheel

Type 16, 17, 18, 18R and 19 wheels



Technical Specifications at 6.2 bar (90 psi) dynamic pressure at inlet

Model No.	CPN	kWatt kWatt	1 min rpm	mm	kg	L mm	in (NPT)	mm	Max. l/s	dB(A)	m/s <sup>2</sup> /K <sup>(1)</sup>
<b>Straight Grinders – Type 1 Wheels</b>											
61H120H63-EU	01339290	0.93	12,000	75	2.16	400	3/8"	13	18.9	86.6	< 2.5
61H150H63	01238567	1.00	15,000	75	2.16	400	3/8"	13	17.5	86.4	< 2.5
77H120H84-EU	01339308	1.12	12,000	100	2.95	438	3/8"	13	18.4	85.4	2.8/1.2
88HL60H106-EU	01339407	1.50	6,000	150	5.14	508	1/2"	19	28.8	79.4	< 2.5
99HL60H106-EU	01339373	2.25	6,000	150	6.14	521	1/2"	19	39.7	85.8	< 2.5
<b>Straight Grinders – Type 16, 17, 18, 18R and 19 Wheels</b>											
61H120L6-EU	01340454	0.93	12,000	—	1.93	375	3/8"	13	17.5	86.6	< 2.5
61H150L6-EU	01340561	1.00	15,000	—	1.93	375	3/8"	13	18.9	89.8	< 2.5
77H90L10-EU	01339118	1.12	9,000	—	2.73	418	3/8"	13	17.5	80.9	< 2.5
77H120L10-EU	01340280	1.12	12,000	—	2.73	418	3/8"	13	18.4	85.4	4.2/3.5

(1) ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.



Pro-Series Vertical Grinders



Technical Specifications at 6.2 bar (90 psi) dynamic pressure at inlet

Model No.	CPN	kWatt kWatt	1 min rpm	mm	mm	kg	L mm	in (NPT)	mm	Max. l/s	dB(A)	m/s <sup>2</sup> /K <sup>(1)</sup>
<b>Vertical Grinders – Type 27 and 28 Wheels</b>												
88V60P107M-EU	01337948	1.56	6,000	180	5/8"-11	4.0	154	1/2"	19	28.8	89.2	3.1/0.9
88V85P107M-EU	01337658	1.64	8,500	180	5/8"-11	4.0	154	1/2"	19	31.2	86.9	4.1/1.3
99V60P107M-EU	01338425	2.25	6,000	180	5/8"-11	5.1	174	1/2"	19	39.7	84.4	2.8/0.9
88V60P109M-EU	01337716	1.56	6,000	230	5/8"-11	4.2	154	1/2"	19	28.8	89.2	3.6/1.1
99V60P109M-EU	01337575	2.25	6,000	230	5/8"-11	5.1	174	1/2"	19	39.7	85.5	3.4/1.1
<b>Vertical Grinders – Type 6 and 11 Cup Wheels</b>												
88V60S106M-EU	01340058	1.56	6,000	150	5/8"-11	3.8	154	1/2"	19	28.8	89.2	<2.5
99V60S106M-EU	01339068	2.25	6,000	150	5/8"-11	4.8	174	1/2"	19	39.7	85.4	<2.5

(1) ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.



Accessories

Model No.	CPN	Description
88V60-K184	03643962	Piped-away exhaust system for 88V models
99V60-K184	03625589	Piped-away exhaust system for 99V models

Pro-Series Sanders and Polishers



Technical Specifications at 6.2 bar (90 psi) dynamic pressure at inlet

Model No.	CPN	kWatt kWatt	1 min rpm	mm	mm	kg	L mm	H mm	in (NPT)	mm	Max. l/s	dB(A)	m/s <sup>2</sup> /K <sup>(1)</sup>
<b>Straight Sanders</b>													
77H30B106-EU	01339670	1.12	3,000	150	5/8"-11	3.32	449	—	3/8"	13	17.5	85.2	5.9/2.1
77H50B106-EU	01340397	1.12	5,000	150	5/8"-11	3.32	449	—	3/8"	13	18.4	94.4	7.8/2.7
<b>Angle Sanders</b>													
77A25F107-EU	01340835	1.12	2,500	180	5/8"-11	3.81	446	—	3/8"	13	17.5	89.2	<2.5
77A60W107-EU	01340165	1.12	6,000	180	5/8"-11	3.55	446	—	3/8"	13	18.4	85.9	<2.5
77A45W109-EU	01339720	1.12	4,500	230	5/8"-11	3.55	446	—	3/8"	13	17.5	83.3	<2.5
<b>Vertical Sanders</b>													
7P24L-EU	01339712	0.6	2,400	180	5/8"-11	1.47	—	162	1/4"	10	10.4	82.7	<2.5
7S48L-EU	01340348	0.6	4,800	180	5/8"-11	1.47	—	162	1/4"	10	10.4	81.4	<2.5
7S60L-EU	01338318	0.6	6,000	180	5/8"-11	1.47	—	162	1/4"	10	10.4	82.0	<2.5
88S60W107-EU	01338037	1.50	6,000	180	5/8"-11	3.24	—	152	1/2"	19	28.8	80.2	<2.5
88S45W109-EU	01339126	1.35	4,500	230	5/8"-11	3.24	—	152	1/2"	19	23.6	77.6	<2.5

(1) ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.

Sanding Pads

Model No.	CPN	Description	Size
77A-AM825-5	03675477	Medium sanding pad (for all models)	Ø 125 mm (5")
77A-AM825-7	03675469	Medium sanding pad (for all models)	Ø 180 mm (7")
77A-AM825-9	03675451	Firm sanding pad (for all models)	Ø 230 mm (9")
P500-850	03379542	Wool polishing bonnet (for 7 and 77 models)	Ø 180 mm (7")



## Pencil Grinders

- ★★★ Super-duty tools
- ★★ Heavy-duty tools
- ★ Maintenance-duty tools



Excellent for intricate grinding applications, including mold finishing.

- Comfortable design enables precise control.
- Delivered with 1/8" collet insert, 6 mm air hose (length 1.80 m) and 0.45 m rear exhaust over-hose.
- DG600G2K-EU kit includes six additional carbide burrs in a moulded carrying case.

### Accessories

Model No	CPN	Description
47568-2	04136164	Collet Ø 3 mm
47568-3	04136172	Collet Ø 3/32"

## Engraving Pen

- ★★★ Super-duty tools
- ★★ Heavy-duty tools
- ★ Maintenance-duty tools



Ingersoll Rand engraving pen is designed to meet your industrial engraving needs. Variable zoom throttle permits a wide range of engraving possibilities from hard alloys to brittle ceramics.

- Moulded carrying case with EP50 engraving pen, air hose and 3 assorted styli (fine, medium and coarse point).
- Knurled zoom throttle – Variable speed.

### Accessories

Model No.	CPN	Description
EP50-514	03800760	Stylus grinding collet
EP50-515	03800778	Fine point stylus (black)
EP50-516	03800786	Medium point stylus (grey)
EP50-517	03800794	Coarse point stylus (green)



## Multi-tools

- ★★★ Super-duty tools
- ★★ Heavy-duty tools
- ★ Maintenance-duty tools

Compact and versatile tools for high precision work.

- Usable with carbide burr, grinding disc or sanding belt.
- 360° rotative head on PBA model.
- POLA15000 delivered with collet (without pad).



### Rubber pad for self-adhesive discs

Model No.	CPN	Description
117155	04373478	Rubber pad for self-adhesive discs, Ø 20 mm
116920	04373486	Rubber pad for self-adhesive discs, Ø 30 mm
116930	04373494	Rubber pad for self-adhesive discs, Ø 46 mm
116940	04371464	Rubber pad for self-adhesive discs, Ø 76 mm
002300	04373031	475 x 15 mm sanding belts (pack of 10 belts) Grit 36
002301	04373049	475 x 15 mm sanding belts (pack of 10 belts) Grit 40
002302	04373056	475 x 15 mm sanding belts (pack of 10 belts) Grit 50
002303	04373064	475 x 15 mm sanding belts (pack of 10 belts) Grit 60
002304	04373072	475 x 15 mm sanding belts (pack of 10 belts) Grit 80
002305	04373080	475 x 15 mm sanding belts (pack of 10 belts) Grit 100
122629	04363503	6 mm collet

### Technical Specifications at 6.2 bar (90 psi) dynamic pressure at inlet

Model No.	CPN	kWatt	1 min rpm	1 min bpm	mm	kg	mm	in	mm	Max. l/s	dB(A)	m/s <sup>2</sup> /K <sup>(1)</sup>
EP50K-EU	01339506	—	—	18,750	—	0.14	137	1/8" NPT	6	—	75.5	—
POLA15000	04368379	0.22	15,000	—	6 mm	0.65	—	1/4" BSP	10	6.5	NA	NA
PBA416	04368387	0.22	14,800	—	475 x 15	1.05	—	1/4" BSP	10	6.6	NA	NA

(1) ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.

- ★★★ Super-duty tools
- ★★ Heavy-duty tools
- ★ Maintenance-duty tools

## Revolution Series Die Grinders

With an ergonomic body and straight, angled and extended configurations, the Revolution Series Die Grinders are built to be powerful, versatile and comfortable to use.

### ACCESS:

The Revolution Series come in straight, angled and extended configurations for use in a variety of jobs so you can reach even the toughest of places.

### COMFORT:

The Revolution Series Die Grinder has composite housing that is lightweight, contoured for comfort, and protects operators from temperature fluctuations.



### Technical Specifications

MODEL	kWatt	1 min rpm	in	kg	mm	Max. l/min	in (NPT)	mm	m/s <sup>2</sup> /K <sup>(1)</sup>
312AC4A	0.3	12000	Collet- 1/4 in.	0.55	170	908	1/4	10	3.4/1.0
314AC4A	0.25	14000	Collet- 1/4 in.	0.55	170	851	1/4	10	3.2/0.7
320AC4A	0.3	20000	Collet- 1/4 in.	0.55	170	908	1/4	10	2.5/1.1
325SC4A	0.3	25000	Collet- 1/4 in.	0.43	166	908	1/4	10	2.6/1.1
325XC4A	0.3	25000	Collet- 1/4 in.	0.62	244	936	1/4	10	< 2.5
330SC4A	0.25	30000	Collet- 1/4 in.	0.43	166	851	1/4	10	3.6/1.9
330XC4A	0.25	30000	Collet- 1/4 in.	0.62	244	851	1/4	10	< 2.5
335SC4A	0.28	35000	Collet- 1/4 in.	0.43	166	851	1/4	10	3.0/0.8



**LEAN ON US** TO HELP YOU MAKE LIFE BETTER.



**5151 & 5152 RANDOM ORIBITAL SANDERS**  
5100 Series

# REMOVE MORE, SPEND LESS 5100 SERIES RANDOM ORBITAL SANDER

## 5151 & 5152 125-150 mm Random Orbital Sanders

The Ingersoll Rand® 5100 Series Random Orbital Sander delivers the efficiency you need to improve your productivity. We have been your trusted manufacturer of power tools for over 100 years, always delivering the durability, performance and value you trust. The results speak for themselves, offering the power you need to get the job done. With our dependable sander offering you maximum removal rate on each job, you are able to complete more work in a day. We deliver incredible levels of performance and power in an affordable package that won't punish your wallet. Ingersoll Rand® provides reliable & best in class durability to meet your needs. The 5100 Series provides you the versatility to get any job done.



**Vehicle Service**



**General Industry**



**Metal Working**



**Wood Working**



Color coded paddles for easy recognition

- 5.0 mm (3/16") Orbit = Chrome
- 2.5 mm (3/32") Orbit = Black

Connects to a number of central or portable vacuum systems for efficient particle removal

Rubber grip for user comfort and safety

Powerful 0.22 kW Motor and 12,000 RPM to match optimal material removal power and speed for your application

Fine, swirl free finish on a variety of surfaces such as wood, composites, fiberglass, sheet metal, and other materials

### 5100 SERIES RANDOM ORBITAL SANDER

CCN and Model number	Orbit Diameter	MAX Free Speed (RPM)	Pad*	Pad Diameter (mm)	Rated Power (kW)	Avg. Air Use (l/min)	Weight (kg)	Length (mm)
5151-6	5.0 mm (3/16")	12,000	Vinyl	150	0.22	496	0.82	166
5151-6-HL	5.0 mm (3/16")	12,000	Hook & Loop	150	0.22	496	0.82	166
5152-6	2.5 mm (3/32")	12,000	Vinyl	150	0.22	496	0.82	166
5152-6-HL	2.5 mm (3/32")	12,000	Hook & Loop	150	0.22	496	0.82	166
5151-5	5.0 mm (3/16")	12,000	Vinyl	125	0.22	496	0.82	166
5151-5-HL	5.0 mm (3/16")	12,000	Hook & Loop	125	0.22	496	0.82	166
5152-5	2.5 mm (3/32")	12,000	Vinyl	125	0.22	496	0.82	166
5152-5-HL	2.5 mm (3/32")	12,000	Hook & Loop	125	0.22	496	0.82	166

\*All Models Vacuum Ready

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