



# International Marketing, Inc.

Professional Arts Building • Suite C • P.O. Box B • Chambersburg, PA 17201  
Toll Free 800-233-7086 • Telephone 717-264-5819 • Fax 717-264-5483

## THE NEW IMI SERIES 2020 WHEEL & RIM REFINISHING SYSTEM COMPONENT & MODULE ELECTRICAL REQUIREMENTS AND AMPERAGE DRAWS

**THREE BREAKERS ARE REQUIRED FOR THE SYSTEM.**

	POWDER SYSTEM	208/3/60	230/3/60	460/3/60	575/3/60
<b>B R E A K E R</b>	Shot Blaster (2) 15 Hp Blast Blades Motor (1) 1/4 Hp Tumbler Drive (1) 1Hp Elevator Drive	82.20 Amps (total) <u>x 1.25</u> 102.75	74.40 Amps (total) <u>x 1.25</u> 93.00	37.20 Amps (total) <u>x 1.25</u> 46.50	29.74 Amps (total) <u>x 1.25</u> 37.18
	<b>#1</b> Dust Collector (1) 5 Hp Dust Collector Fan	14.4 Amps <u>x 1.25</u> 18	12.8 Amps <u>x 1.25</u> 16	6.4 Amps <u>x 1.25</u> 8	5.12 Amps <u>x 1.25</u> 6.4

**Three breakers are required for the system – Blaster/Dust Collector, Oven, Booth.  
The Blaster and Dust Collector are interconnected and require only one breaker  
handling their total amperage.**

	POWDER SYSTEM	208/3/60	230/3/60	460/3/60	575/3/60
<b># 2</b>	Powder Infrared Curing Oven	226 Amps <u>x 1.25</u> 282.5	192 Amps <u>x 1.25</u> 240	97 Amps <u>x 1.25</u> 121.25	80 Amps <u>x 1.25</u> 100
<b># 3</b>	Powder Collection Booth (1) 3 Hp Motor	20 Amps	17.5 Amps	8.75 Amps	6.5 Amps
	Total: Powder	423.25 Amps	366.50 Amps	184.50 Amps	150.08 Amps
	Electric Hoist	.4hp – 120V – 6 AMPS – single phase			

Additional wiring will be needed to interconnect the Blaster and Dust Collector, and the Powder Gun Applicator to the Powder Collection Booth. An earth ground rod will be needed for grounding the booth, gun and monorail.

Pneumatic Requirements:

1 – 3/4” compressed air supply with minimum 30 scfm @ 100 PSI