



# International Marketing, Inc.

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

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

<b>POWDER SYSTEM</b>		<b>208/3/60</b>	<b>230/3/60</b>	<b>460/3/60</b>	<b>575/3/60</b>
<b>B R E A K E R</b>	Shot Blaster (2) 15 Hp Blast Blades Motor (1) ¼ Hp Tumbler Drive (1) 1Hp Elevator Drive	82.20 Amps (total) <u>× 1.25</u> 102.75	74.40 Amps (total) <u>× 1.25</u> 93.00	37.20 Amps (total) <u>× 1.25</u> 46.50	29.74 Amps (total) <u>× 1.25</u> 37.18
	<b>#1</b> Dust Collector (1) 5 Hp Dust Collector Fan	14.4 Amps <u>× 1.25</u> 18	12.8 Amps <u>× 1.25</u> 16	6.4 Amps <u>× 1.25</u> 8	5.12 Amps <u>× 1.25</u> 6.4
	Total: Powder	120.75 Amps	109 Amps	54.5 Amps	43.58 Amps

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.

Additional wiring will be needed to interconnect the Blaster and Dust Collector.

Pneumatic Requirements:

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