



TMA-1B Total All-in-One Rotary Phase Converter

Professional. Rugged. Affordable

The total all-in-one version of the MA Series offers more features than ever. It includes a powder coated Phasemaster® control panel with digital Start/Stop push buttons, a 3 PH induction generator, and rubber feet.

QUICK SPECS

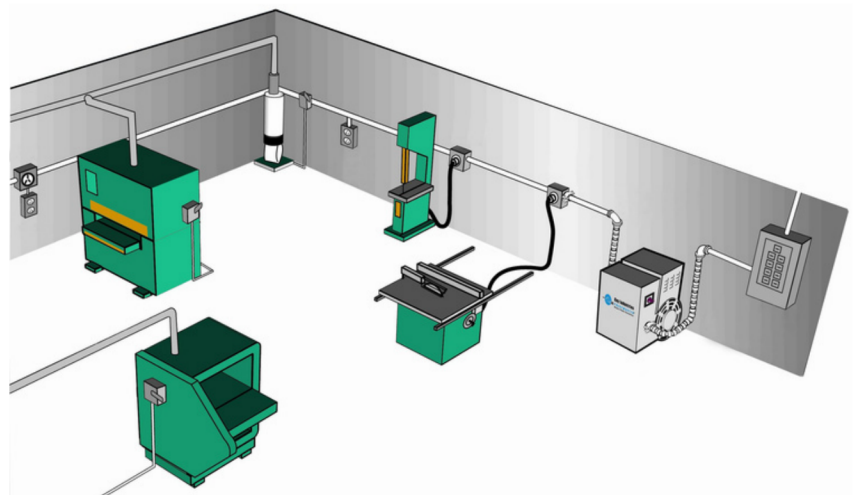
- **Single Phase Input Voltage:** 208 - 245 Volts
- **Best Performance Single Motor Start:** 7.5 HP
- **3 Phase Rated Output:** 208 - 245 Volts
- **Recommended 3 Phase Sizing:** 20 Amps
- **Minimum Single Phase Circuit:** 40 Amps
- **Voltage Balance:** +/-2-5% (Based on input)

Control Panel Features

- 50+ Years of Technical Support Knowledge
- Digitally Controlled & Protected Start Circuit
- Complete Phase Power Failure Protection
- CNC Voltage Balancing
- Power "ON" Indicator Light
- Easy Power Distribution Block Connections
- 5 Year Parts/ Lifetime Service Warranty

Induction Generator Features

- Proprietary Custom Design
- Low Impedance/High-Efficiency Design
- Custom Copper Windings and Rotor
- Available in ODP and TEFC
- Soft Start Induction Generator
- Shielded Windings



SPECIFICATIONS

Model

Phasemaster	Brand
TMA-1B	Model #

General Specifications

7.5	Horse Power (HP)
254T	Generator Frame
11.2	Kilo-watt (kW)
60	Frequency (Hz)
ODP	Generator Type
NEMA 1 (Indoor)	Enclosure Type

Single Phase Electrical Specifications

208-245	Voltage Input
5.4	Idle Amperage
40	Minimum Fuse Size
40	Minimum Circuit Breaker Size
80	Maximum Fuse Size
80	Maximum Circuit Breaker Size

Three Phase Electrical Specifications

208-245 based on input voltage	Voltage Output
2- 5%	Voltage Balance
39	Output Amperage
8 AWG	Minimum Wire to Generator
8 AWG or based on load	Minimum Wire to Load

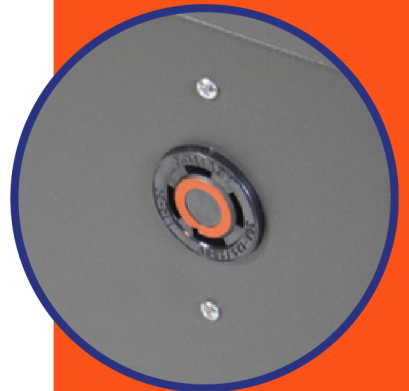
Dimensions & Weights

19" X 15"	Induction Generator (L X W)
180 lbs.	Approx. Total Shipping Weight of Standard

AVAILABLE ACCESSORIES



Wired & Wireless Remote Switches



Twist-Lock Outlets & Plugs

Converter Options:

- Save time, and ensure proper assembly of your rotary phase converter with our total all-in-one model TMA converter featuring 2 wires in, 3 wires out. (TMA is seen on right).
- For an additional cost, we offer 480v in, 480v out versions, Available in TMA Models Only.
- Need a NEMA 3R control panel? You got it. For an entire outdoor unit, see the TPI model.
- We offer UL and Canadian Certified converters at an additional cost.
- Load Sensing Voltage (LSV) regulation available. Enables the converter to maintain balanced output voltages over a wide load range.



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