



# TMA-3 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

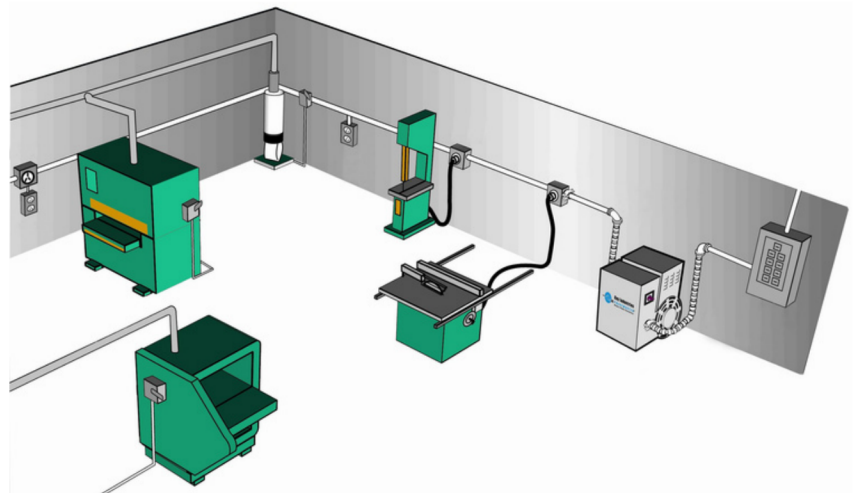
- **Single Phase Input Voltage:** 208 - 245 Volts
- **Best Performance Single Motor Start:** 15 HP
- **3 Phase Rated Output:** 208 - 245 Volts
- **Recommended 3 Phase Sizing:** 37 Amps
- **Minimum Single Phase Circuit:** 70 Amps
- **Voltage Balance:** +/-2-5% (Based on input)

## 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



**ROHENA'S**

(574) 236-6022

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# SPECIFICATIONS

## Model

Phasemaster	Brand
TMA-3	Model #

## General Specifications

15	Horse Power (HP)
286T	Generator Frame
21.4	Kilo-watt (kW)
60	Frequency (Hz)
ODP	Generator Type
NEMA 1 (Indoor)	Enclosure Type

## Single Phase Electrical Specifications

208-245	Voltage Input
15.42	Idle Amperage
70	Minimum Fuse Size
70	Minimum Circuit Breaker Size
150	Maximum Fuse Size
150	Maximum Circuit Breaker Size

## Three Phase Electrical Specifications

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

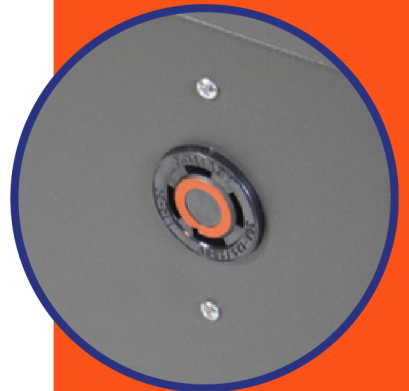
## Dimensions & Weights

20.5" X 19"	Induction Generator (L X W)
345 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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