

## CNC PACKAGE PHASE CONVERTER

230V models & 460V models available.

Designed especially for 3-phase **CNC/PLC** machines operating from single-phase power source.

**PROVIDES THE BALANCED VOLTAGES NECESSARY FOR RELIABLE OPERATION**

A **Rotary Phase Converter, Voltage Stabilizer** combination, when properly sized, provides the necessary voltage balance of close to  $\pm 5\%$  or less between legs compared to standard 3-phase line voltage of  $\pm 10\%$ . It also helps to keep the output voltage stable during peak loads, thus helping most CNC / PLC and other voltage sensitive equipment to operate properly.

PHASE-A-MATIC, INC. has been manufacturing phase converters since 1965, and for CNC / PLC machines from the time they were first introduced into service in the USA.

### CONSULT FACTORY FOR SIZING AND OTHER VOLTAGES

- Most CNC / PLC machines require a CNC PAC™ 1½ to 2 times larger than the spindle motor in order to accommodate the extra amps for starting, instant reversing, and for the servos, hydraulics, etc.
- Later model CNC / PLC machines are more technologically sophisticated, with up to 10,000 RPM and higher spindle speeds, regenerative braking, etc. These may require the CNC PAC™ sized even larger. We have a large data bank from past applications experience to help you with these decisions.

**Note:** 230V CNC PAC™ is 230V single-phase in and 230V three-phase out. 460V CNC PAC™ is 460V single-phase in and 460V three-phase out.



#### INSTALLATION NOTES:

- Intended for indoor use only in dry locations, but can be placed in a rain-tight enclosure with ventilation for use in wet or damp applications.
- Voltage Stabilizer supplied in NEMA type 1 enclosure with various size knockouts.

CNC PAC™ is one *Rotary Converter* and one *Voltage Stabilizer* of equal HP rating.

230V MODELS	460V MODELS	HP
CNC PAC-1	-----	1
CNC PAC-2	-----	2
CNC PAC-3	-----	3
CNC PAC-5	-----	5
CNC PAC-7	-----	7.5
CNC PAC-10	CNC PAC-H10	10
CNC PAC-15	-----	15
CNC PAC-20	CNC PAC-H20	20
CNC PAC-25	-----	25
CNC PAC-30	CNC PAC-H30	30
CNC PAC-40	CNC PAC-H40	40
CNC PAC-50	CNC PAC-H50	50
CNC PAC-75	CNC PAC-H75	75
CNC PAC-100	CNC PAC-H100	100

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