

## **Setup parameters on Yaskawa Inverter**

### *Objective*

The purpose of this document is to provide the information needed to correctly setup the Yaskawa inverter for a Centroid CNC control.

## **Yaskawa VS-606V7 Inverter Settings**

<b>Parameter No.</b>	<b>Value</b>	<b>Units</b>	<b>Description</b>
n001	1 - read and set n001-n049  8 - 2 wire initialization		Password parameter selection / initialization
n002	0 - V/f control		Control mode selection
n003	1 - control circuit terminal		Run command selection
n004	2 - control circuit terminal (0-10v)		Select frequency reference
n005	0 - decel to stop		Stopping method selection
n011	Must be set with tach to match max spindle speed	Hz	Maximum Output Frequency
n019	3	sec	Acceleration Time
n020	1-5 depending upon braking resistor	sec	Deceleration Time
n036	Depends on motor	A	Motor current
All other parameters	are set to factory	default	

Wiring connections

L1, L2, L3 - 3 phase power in.

S1 - Forward run.

S2 - Reverse run

S4 - Fault reset.

SC - Input common

FR - Master speed frequency reference (0-10vdc)

FC - Frequency reference common.

MA - Fault output (normally open).

MC - Fault output common.

U/T1, V/T2, W/T3 - Motor voltage out.

B1, B2 - Braking resistor.

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#### **Document History**

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