

# CFP TECHNOLOGIES

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## Veichi AC70 Vector control setup (if high torque at low rpm is required)

- 1 Connect electrical motor to VFD as per instructions. Connect mains wiring to VFD.
- 2 Turn power on.

**3 AUTO TUNE VFD WITH MOTOR. Set the following**

Parameter	Parameter Description	Value
H-52	Motor rated power in Kw	
H-53	Motor rated Frequency.	50
H-54	Motor rated Speed (RPM)	
H-55	Motor Voltage (V)	220/380**
H-56	Motor rated Current (A)	

\*\* 220 for 220V input models / 380 or 400 for 380V input models

**4 Run Motor Parameter "Auto Tuning" See tabel below.**

**4a If auto tuning can be run without a load (preferable) use table below**

Parameter	Parameter Description	Value
H-62	Motor auto tuning	1

Enter H-62. Change the value to 1. Press "set". **Press FWD on the VFD control panel.**  
Wait for the display to go back to the ready state.(Setup takes about 30 seconds)

Or

**4b If auto tuning has to be run with a load use table below**

Parameter	Parameter Description	Value
H-62	Motor auto tuning	2

Enter H-62. Change the value to 2. Press "set". **Press FWD on the VFD control panel.**  
Wait for the display to go back to the ready state.(Setup takes about 30 seconds)

**5 Change the motor control to Vector Control**

Parameter	Parameter Description	Value
E-00	Motor Control	0

Enter E-00. Change the value to 0 . This changes motor control to Vector Control with better torque characteristics.