

CFP TECHNOLOGIES

Reg. no. 1987/027414/23
 P.O Box 15740
 Sinoville
 0129
 Tel:0828570324
 Fax:0865278634
 Email: Cjvdb@mweb.co.za
www.cfptechnologies.co.za



Veichi AC70E 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
H-56	Motor rated Current (A)	

4 **Run Motor Parameter "Auto Tuning" See table 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.