



**RZNC Series**

# CNC Controller

## Manual Speed Setup

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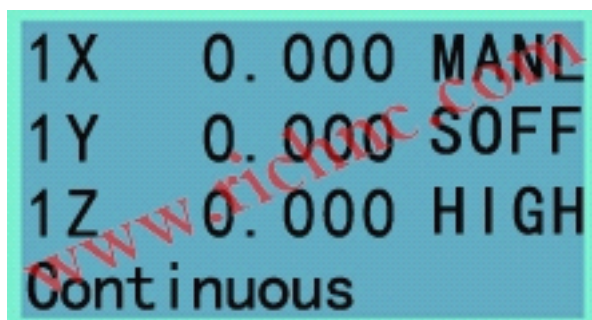
# Manual Speed Setup

1. Connect the RZNC Controller with computer or machine, power on, the controller will show your "Goto Home"(as View 1)



View 1

2. Press the "Delete" key, the RZNC Controller will showing "manual state screen". (this state is High-speed manual mode) (as View 2)



View 2

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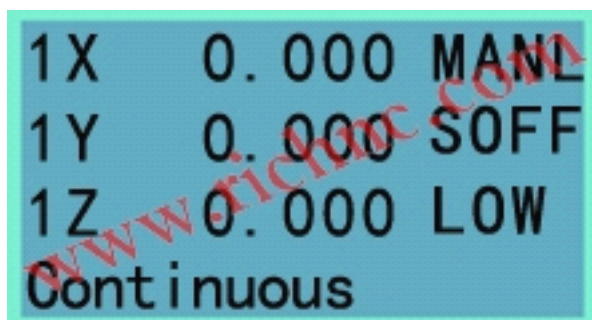
## Remark:

If we had the correct parameters, we must press the "OK" key when the controller show your "Goto Home" with machine (Connect with machine).

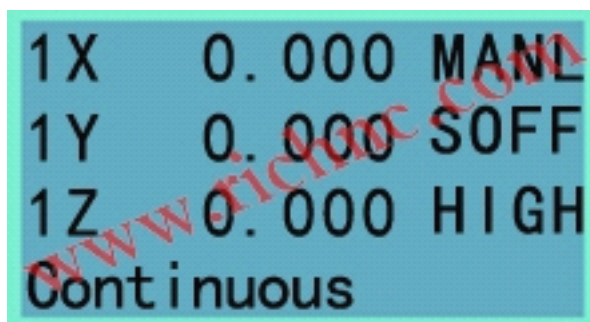
If we connect with the computer, we must press the "DELETE" key when the controller show you "Goto Home".

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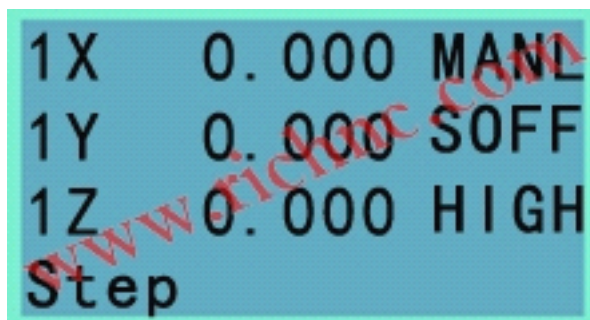
3. Press the "High/Low" key, the system will be in another manual operation mode (this state is Low-speed manual continuous mode) (as View group 3)



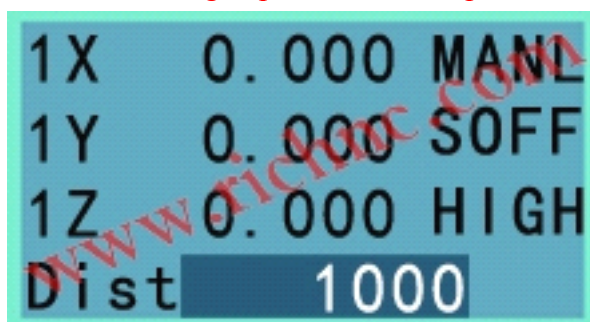
View 3-1 Low-speed manual continuous mode



View 3-2 High-speed manual continuous mode



View 3-2 High-speed manual step mode



View 3-2 High-speed manual Distance mode

\*\*\*\*\*  
 "Manual Low-speed" include 3 parts: "continuous mode","Distance mode","step mode"

"Manual High-speed" include 3 parts: "continuous mode","Distance mode","step mode"

\*\*\*\*\*

4.Press the "Cancel" key, the system will be in "manual Low-speed setup"(as View 4)



View 4

5. Press the "Delete" key to move the cursor (as View 5)



View 5

6. Enter your need parameter (Manual Low-speed), for example it is 3000mm/Min (as View 6)



View 6

7. Press the "OK" key for changed and saved the "X axis manual Low-speed to 3000mm/Min" then next (as View 7)



View 7

8. We can changed the "Y Axis and Z Axis" manual Low-speed by this way (as View 8)



View 8

\*\*\*\*\*

"Manual Low-speed" means if you press the "X+/- or Y+/- ", they will moving with the speed 3000mm/Min. Press the "Z+/- ", the Z Axis will moving with the speed 1200mm/Min when the system as "Low-speed manual continuous mode"

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9. We will setup the "Low grid" manual Low-speed (as View 9)



X Axis: 4500.00  
Y Axis: 3000.00  
Z Axis: 1200.00  
Low grid 0.100

View 9

10. Press the "Delete" key to move the cursor (as View 10)



X Axis: 3000.00  
Y Axis: 3000.00  
Z Axis: 1200.00  
Low grid 0.100

View 10

11. Enter parameter (Low grid), for example 0.2mm one step (as View 11)



X Axis: 3000.00  
Y Axis: 3000.00  
Z Axis: 1200.00  
Low grid 0.2

View 11

12. Press the "OK" key for changed and saved the "Low grid 0.2mm one step" then next (as View 12)



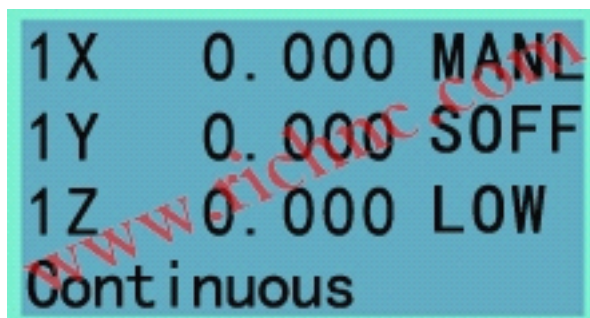
X Axis: 3000.00  
Y Axis: 3000.00  
Z Axis: 1200.00  
Low grid 0.200



## View 12

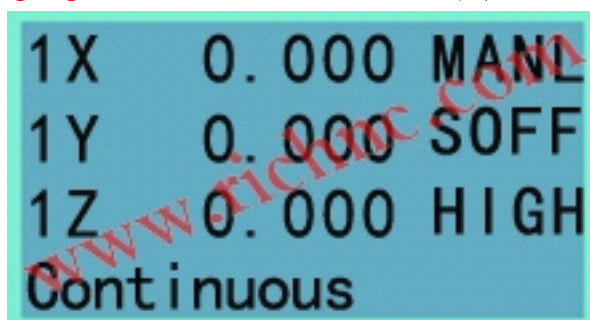
\*\*\*\*\*  
"Low grid" means if you press the "X+/-","Y+/-","Z+/-" once time, they will just moving 0.02mm once time when the system as "Low-speed manual step mode"  
\*\*\*\*\*

13. Finished the "Manual Low-speed" setup, we will return the main screen(as View 13)



## View 13

14. Press the "High/Low" key, the system will be in another manual operation mode(this state is High-speed manual continuous mode) (as View 14)



## View 14

15. We can setup the "Manual High-speed" as above way.

Please use caution parameter setting function, make sure it is safe for change this parameters.

If have any question please contact the [richnc@hotmail.com](mailto:richnc@hotmail.com) first.