

一、Start Menu:



*The controller uses RS422 to communicate.

*It displays soft version and jacquard Hook number(array) and Series No(P15EJ0515) etc.

*Press any key to the Weaving Menu.

Jiangsu Jacsun Automation S&T Co.,Ltd.

Address:No.33 Zhihui Road, Huaqing Creative Park,Huishan Economic
Development Zone, Wuxi city, Jiangsu Provine, China

TEL:+8651083592218

FAX:+8651083590232

WEB:WWW.JACSUNCHINA.COM

EMAIL:JACSUNCHINA@163.COM

二、Weaving Menu:

Design File:fjq11.jc5
Design Repeats.....:20
⇒ Current Pick No...:12
Current Shift.....:A shift
Repeats Woven.....:1200
Weave schedule.....:9999999
Device Status.....:Normal!
Speed.....:850 RPM

1) Press the key of F1/F2/F3/F4/F5 to execute the relative function as follows:

F1-----Jacquard configuration parameters.

F2-----Read Usb Disk and select a design to work etc.

F3-----Test jacquard memory and signals etc.

F4-----Exit this Weaving-menu to Start menu.

F5-----Device status.

2) Modify parameter:

(A)Current Pick No:

①Press the key of Left/Right/Up/Down arrow to move cursor

(⇒) to the item of Current Pick No.

②Press the key of Sure,then there occurs a sparkling cursor.

③Press the key of Up/Down arrow to increase/Decrease Pick No.

④If finished, Press the key of sure to close sparkling cursor.

(B)Current Shift/Repeats Woven:

①Press the key of Left/Right/Up/Down arrow to move cursor

(⇒) to the item of Current Shift.

②Press the key of Sure,then there occurs a sparkling cursor.

③Press the key of Up/Down arrow to change A/B/C Shift.

Repeats Woven parameter will be changed by A/B/C Shift.

④Press the key of clear to clear Repeats Woven parameter to zero.

⑤If finished, Press the key of sure to close sparkling cursor.

(C)Weave schedule:

If the Repeats Woven is equal to Weave schedule, then Weaving machine Is stopped.

(D)Device status:

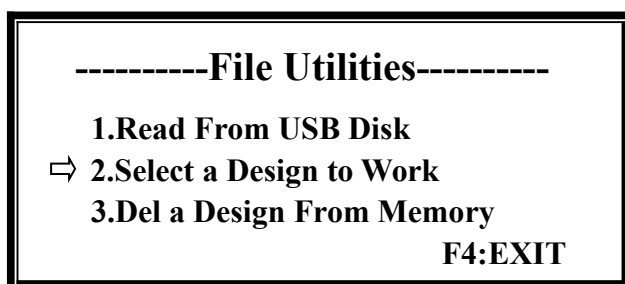
①When there is not a sparkling cursor, press the key of clear to Clear the fault information.

②Press the key of Left/Right/Up/Down arrow to move cursor(⇒) to the item of Device status. Then press the key of sure to enter the Device status Menu.

③Press the key of F5 to enter the Device status Menu directly.

三、 File Utilities Menu:

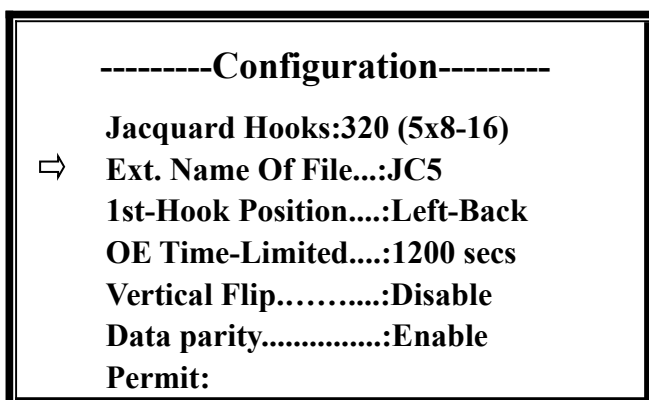
In Weaving Menu, Press the key of F2 to this menu as follows:



- ① When machine is running, the operation is disable.
 - ② Press the key of Left/Right/Up/Down arrow to move cursor(⇐⇒) to the relative function.
 - ③ Press the key of sure to execute the relative function.
 - ④ Press the key of F4 to exit to the Weaving Menu.
- (A) Read From Usb Disk:
- ① First, List file names In USB Disk.
 - ② Press the key of F2 to select file to be read. It occurs “#” before the Selected file.
 - ③ Press the key of sure to read the selected file data to system.
- (B) Select a Design to Work:
- ① List the file names in system.
 - ② Press the key of F2 to select a design file to be woven. It occurs “#” before the Selected file.
 - ③ Press the key of sure to select the design file to work.
- (C) Delete a Design From memory: This operation is the same as (B).

四、 Configuration Menu:

In Weaving Menu, Press the key of F1 to this menu as follows:



Note: The configuration parameters can not be modified by random. They must be modified by special engineer. Otherwise, The Jacquard can not work normally.

- 1: In order to modify the parameters, you must input the password(permit).
- 2: How to modify? (permit[code]: the six same key)

①Press the key of Left/Right/Up/Down arrow to move cursor(⇒) to the item to be modified.

②Press the key of Sure,there occurs a sparkling cursor.

③Press the key of Up/Down arrow to modify the relative parameter.

④If finished, Press the key of sure to close sparkling cursor.

Press the key of F4 to exit this menu and save the modified parameters.

- 4: Jacquard Hooks: Jacquard Hook number and Jacquard array.

For example:320(5x8-16)--Jacquard hook number:320, Array:5Column, 8Row.

This must be the same as the real jacquard hook number and array.

- 5: Ext. Name of file: the file extend name for reading USB Disk.

JC5-----staubli file format. UPT-----Muller file format.

EP4/EP1-----Bonas file format. PMT-----koren file format.

- 6: 1st-Hook Position: This parameter is to decide the 1st hook position among Left-Back, Left-front, Right-Back and Right-Front.

- 7: OE Time-Limited: (Unit:second)

This parameter is to protect the magnetic modules against too hot

Because the magnetic-modules are power on for too long time.

- 8: Vertical Flip: To flip the file data between head and tail.

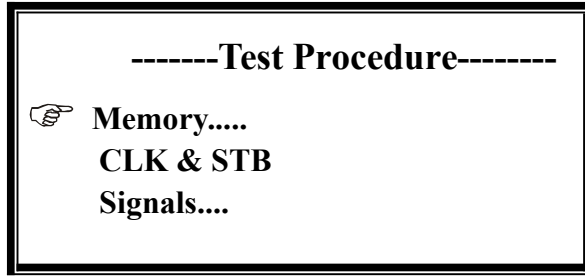
- 9: Data parity:

If enable, system will check the jacquard-data right or not.

If disable, system will not check the jacquard-data.

五、 Test procedure Menu:

In Weaving Menu, Press the key of F3 to this menu as follows:



- ① Press the key of Left/Right/Up/Down arrow to move cursor(☞) to the relative function item.
- ② Press the key of Sure, then there occurs a symbol✓.
- ③ Press the key of F3 to test in odd times or stop test in even times.
- ④ Press the key of Sure to cancel a symbol✓ and stop test.
- ⑤ During test-process, system displays “auto-test...”.

1: Memory:

Test the memory In the interface CPU PCB at back of Jacquard.

2: Signals:

*Simulate the machine-running-state to test the reliability of Driver-PCB and flat cables.

*Press the key of F2 to display the number which is a counter for Jacquard data-transfers-not-reliable times.

3: CLK&STB: Make signals of CLK and STB sparkle every 1 second In Driver-PCB in order to check by user.

六、 Device status Menu:

In Weaving Menu, Press the key of F5 to this menu as follows:

Flash Memory in MainPCB:OK									
Memory.....:OK									
OE time out.....:OK									
communication.....:OK									
Jacquard Power.....:OK									
Dat transfer.....:OK									
1	2	3	4	5	6	7	8	flat cable	
✓	✓	✓	✓	✓	✓	✓	✓	✓	

** Press the key of F4 to exit to the Weaving Menu.

** Press the key of clear to clear fault such as Dat transfer and Oe time out.

1: Flash memory In MainPCB:

When the file is read from USB Disk, the file can not be saved to the system Memory. This system will display this fault.

2: Memory.: This indicates the status of memory in the interface CPU PCB at back of Jacquard.

3: OE time out:

When the machine stopped, If the time for magnetic modules power on is over OE Time-Limited, OE time out will display fault and make magnetic modules power off.

4: communication...: This indicates the status of communication between the Main CPU and the interface CPU at back of Jacquard. We use RS422 to communicate in this system.

5: Jacquard Power: The power of magnetic modules is 15V or so, if the power is lower than 12.5V, Jacquard Power will display fault.

6: Dat transfer..: This item indicates fault when system transfers the jacquard dat incorrectly.

1 2 3 4 5 6 7 8: This item indicates the eight flat cables' status.