

DPC-600 display instruction

**For service education only
2021-7-12**

Duplo

Start-up page



Press the logo to
reset the
machine

Press here to
enter to the
password page

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Password page

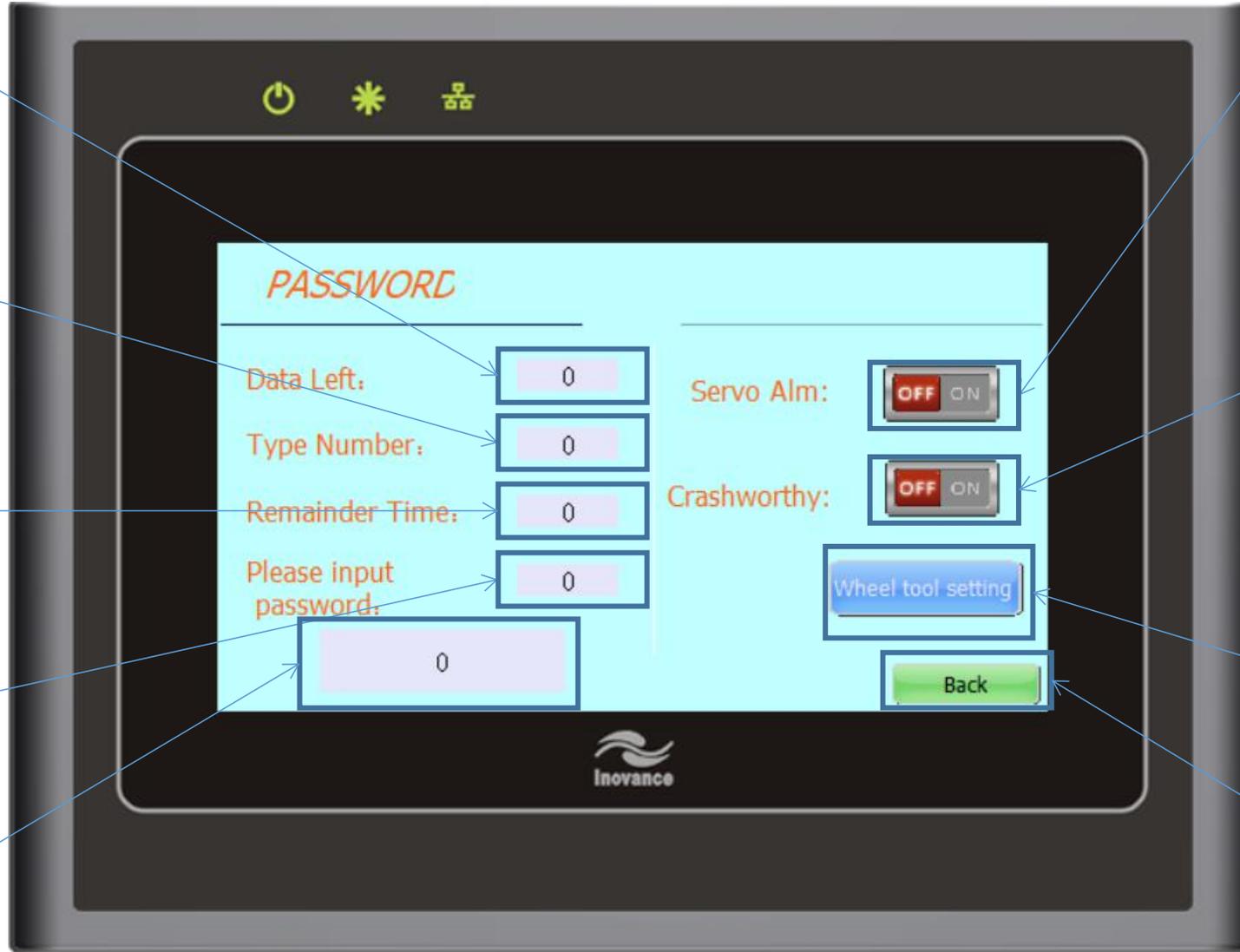
Password valid days.
If shows 3000 it means it is permanent password.

Control box ID number

Faulty unlock times,if goes to 0,need to replace the control box

Password list column number

Input new password here



On/Off the servo alarm warning.If off,the machine will keep running if the drivers have error.**(Not safe)**

On/off the crashworthy device.If off,the machine will keep running if gantry crash into human body or other stuff.**(Not safe)**

Enter into the operating pages without machine reset

Back to start-up page

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Standby page

Press the logo and hold 3 seconds to change the language

Enter into the depth setup page

Enter into the test page

Enter into the setup page



On/off the vacuum pump

Enter into the pump page

Press to reset the machine

Press to repeat the last cut job

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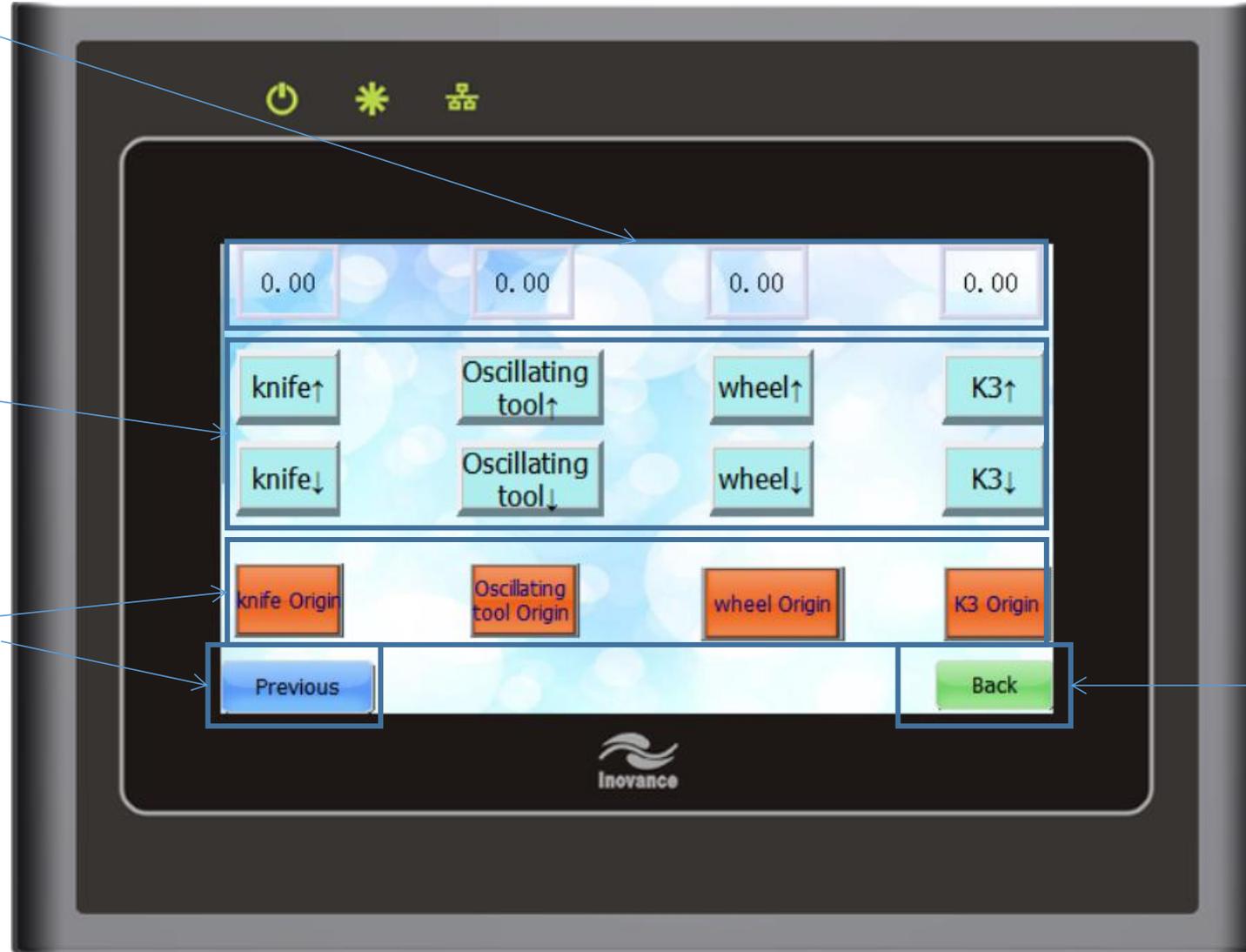
Depth setup page

Depth value(mm)

Press to move the tool up and down

Press to record the tool depth value

Enter to the test page



Enter to the standby page

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Test page

Press the test the tool up down action

Tool depth value

Machine head travel speed when press the direction button in this page

Enter into the depth setup page

Press to move the machine head in the pointed direction

Press to move the machine head to original position or temp original position(if highlighted)

Press to on/off the oscillating tool power

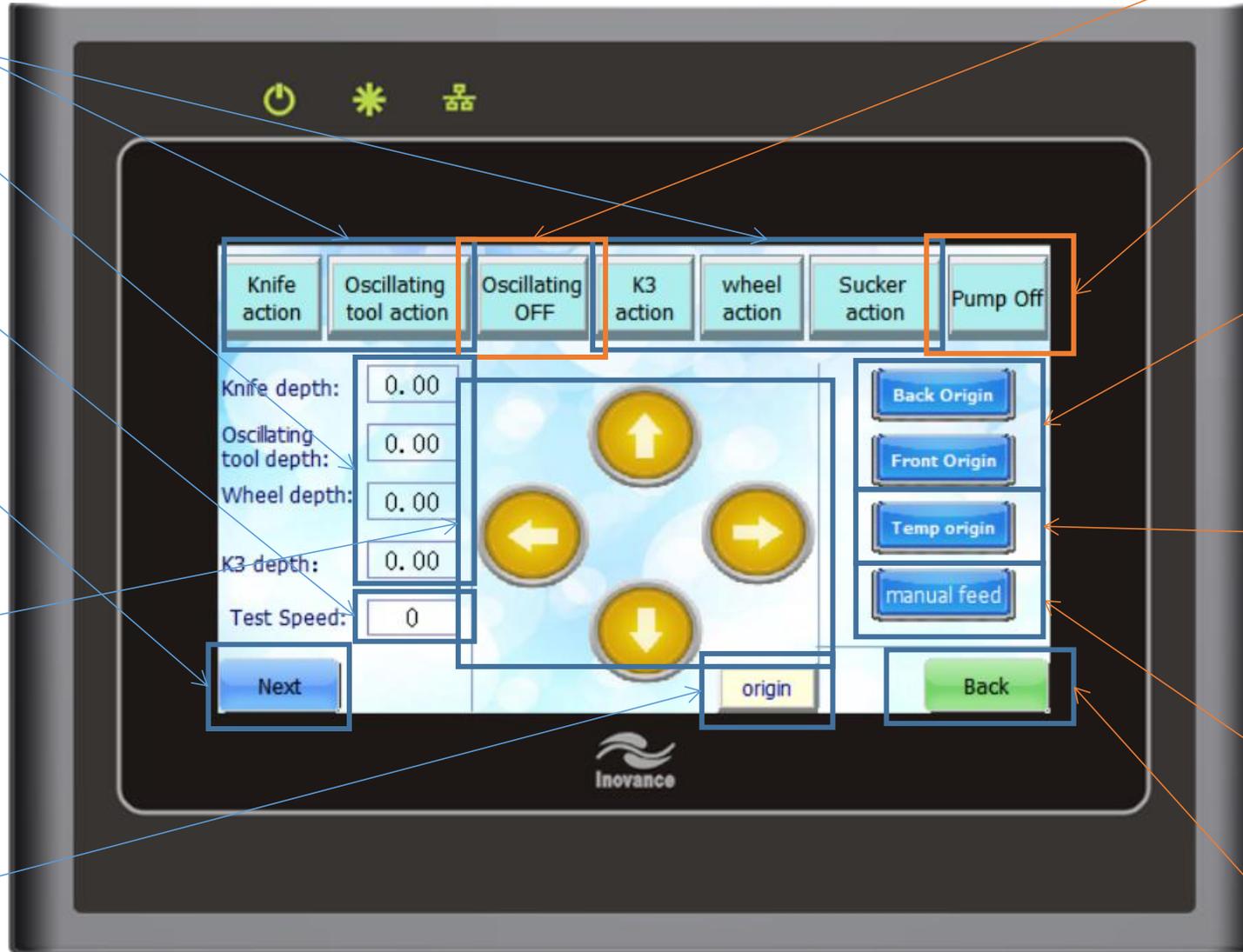
Press to on/off the vacuum pump

Press to move machine head to the back/front end of the table

Press to activate the temporary original position(highlight),press again to cancel it(not highlight)

Manually feed 1 piece of material from the feeder

Enter into the standby page



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Setup-tools page

Set tools to related SP number

Machine head travel speed during related action

Cut slow down percentage during cutting curved lines or circle(100 value=100% speed, means not slow down)

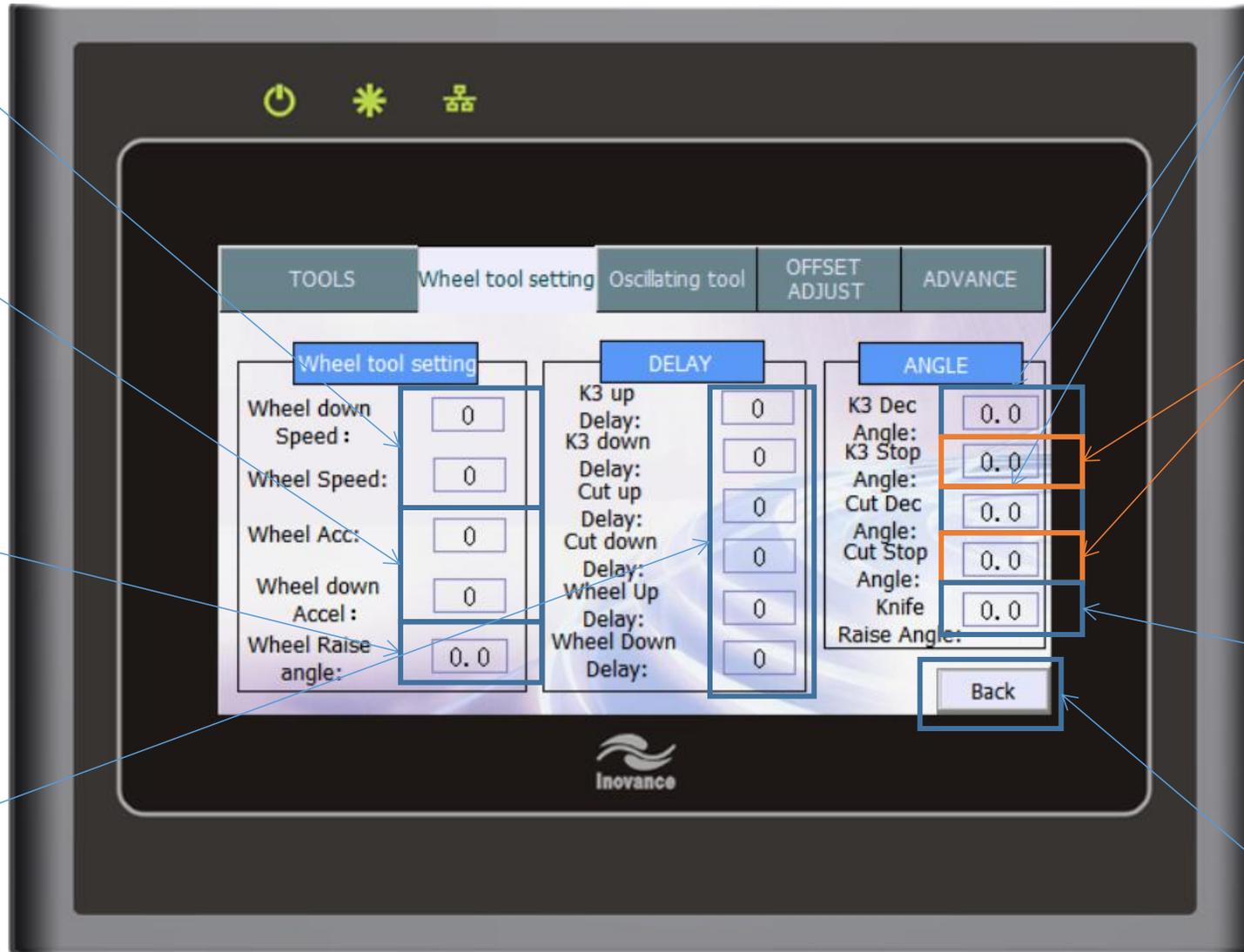


Machine head travel acceleration during related action

Enter into the standby page

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Wheel tool setting page



Machine head travel speed during related action

Machine head travel acceleration during related action

Wheel will lift up if it need to turn an angle bigger than this value then drop down to continue creasing

Machine delay time before doing these action(micro seconds)

K3 tool/cut tool will slow down if it need to turn an angle bigger than this value

K3 tool/cut tool will pause if it need to turn an angle bigger than this value then continue cutting

K3 tool/cut tool will lift up if it need to turn an angle bigger than this value then drop down to continue cutting

Enter into the standby page

Oscillating tool page



Machine head travel speed/acceleration during related action

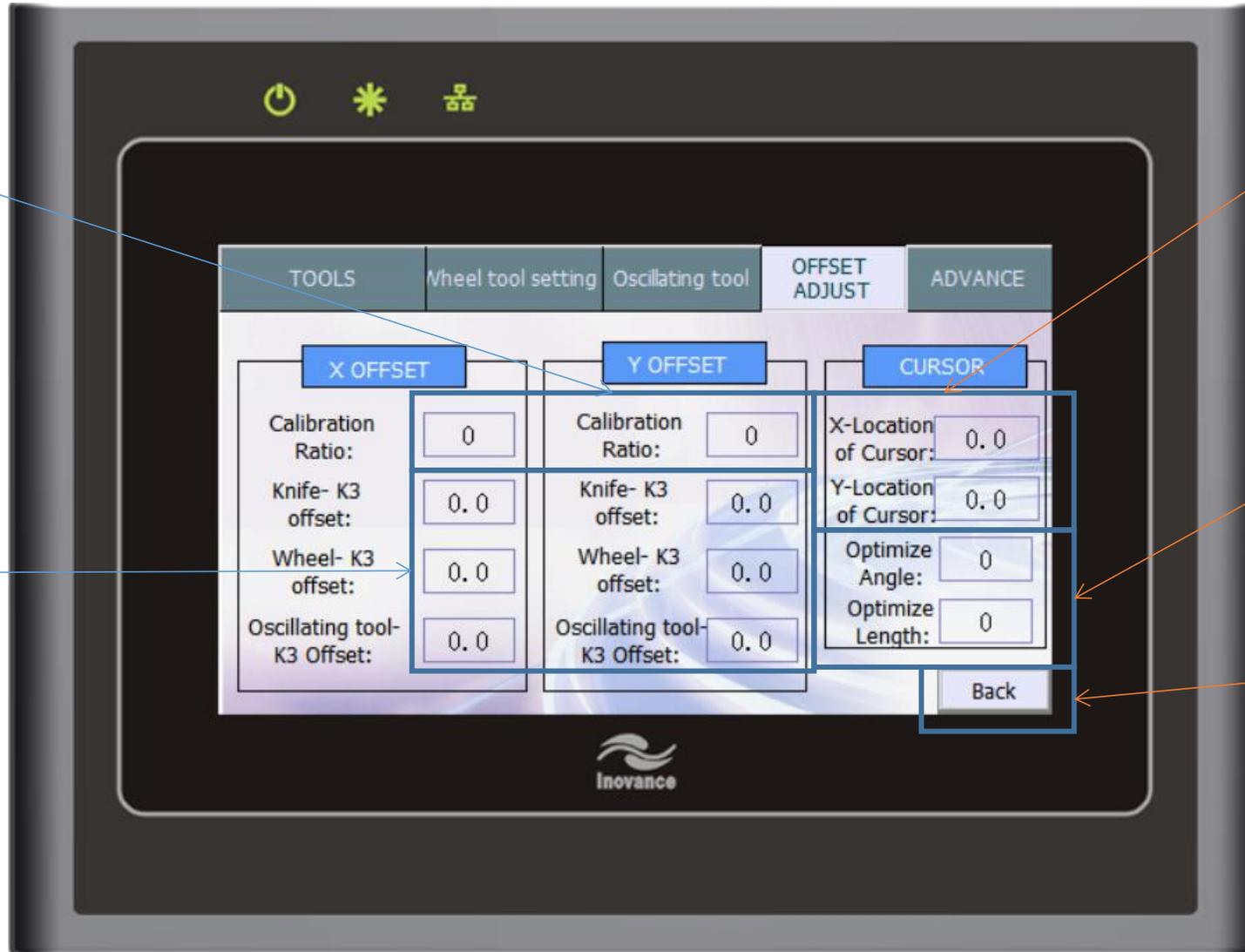
Oscillating tool will lift up if it need to turn an angle bigger than this value then drop down to continue cutting

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Offset adjust page

Gear ratio offset calibration in X/Y direction (cut a square 200X200mm and if 1mm bigger or smaller, minus or add 10 value)

Related tool center to K3 tool center position difference in X/Y direction (MM), use K3 tool as reference



Cursor center to K3 tool center position difference in X/Y direction (MM), use Cursor center as reference

The machine calculation method of the cutting line format

Enter into the standby page

Duplo

Advance page

Machine head lift up height during the cutting job(MM)

On/off the auto power on mode of the oscillating tool before the cutting job

Oscillating tool will lift up this value(MM) during the half cut job(Related with SP-tool binding half EOT)

SP1 : Half EOT S

Enter into compensation page



On/off the auto travel to appointed origin position after the cutting job mode
On/off the auto vacuum on mode of the vacuum pump before the cutting job

Machine will wait for the confirmation to continue the next page cutting job

Machine will auto feed the next page material if it is on

Pump will auto off when feeder is empty when it is on

Advance page



Input the password 8888 and press enter to enter into the specification page

Enter into the extended setup page

Machine firmware version(version1)and display program version(version2)

Enter into the standby page

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Compensation page

Calibration of the cut knife/oscillating tool/wheel edge direction after the machine is reset, need to reset the machine again to the value is changed. 10 value=1 degree.

Calibration of the cut knife/oscillating tool/wheel edge center to the machine head movement center difference in X/Y direction(MM)



Calibration of the cut knife/wheel over cut length. Add value to add over cut distance, minus to reduce over cut(MM)

K3 tool Knife tip to the knife center distance (MM, Normally the knife radius) Only for graphic knife or J201/J202 knife(MM)

Enter into the standby page

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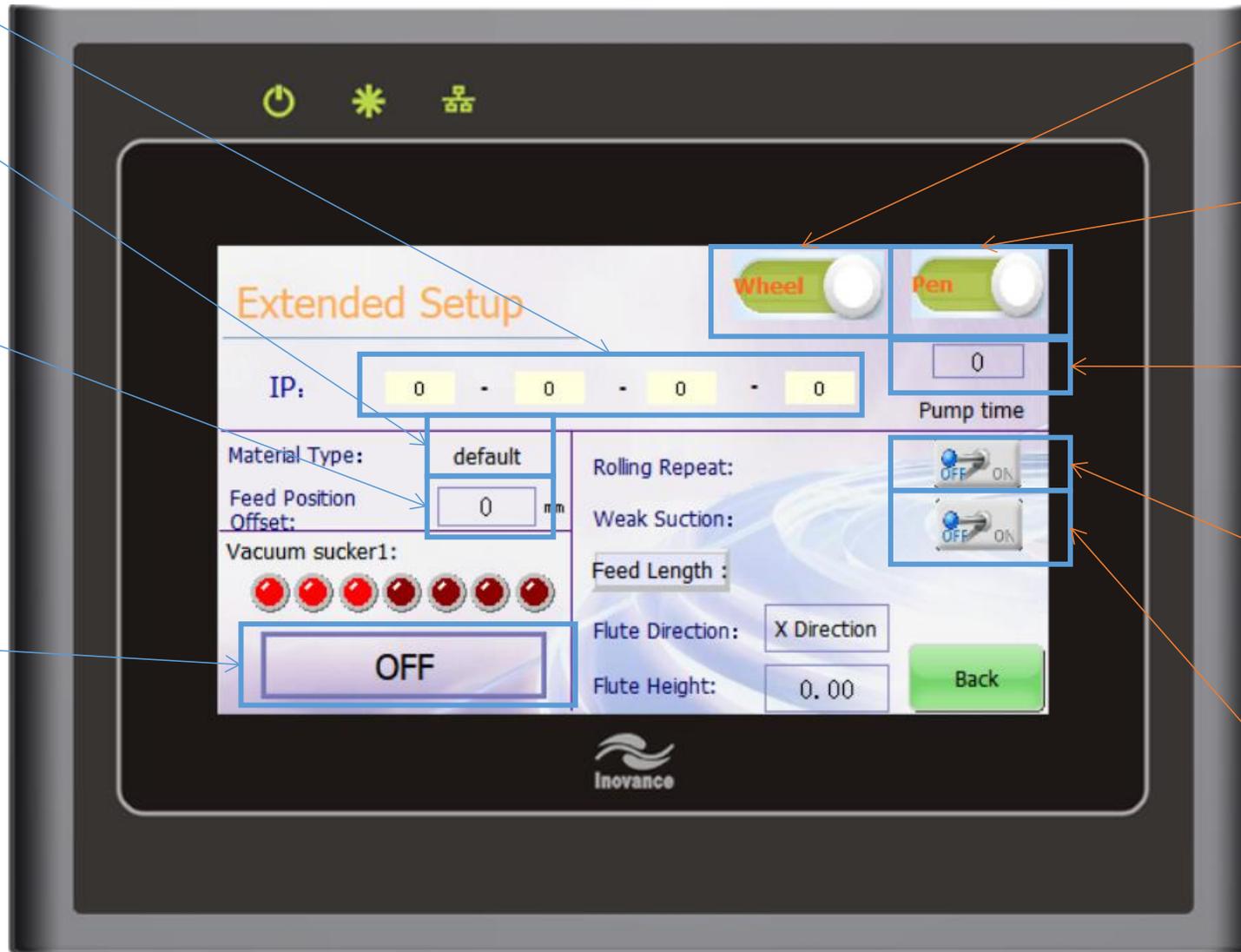
Extended setup page

Machine IP setting

Material type option board/roll

Feeding distance calibration, add value to feed more front, minus value to feed more behind

Feeder suckers activated number, the lights above will indicate the activated suckers position.



Tool option in the wheel holder. Wheel/Vcut

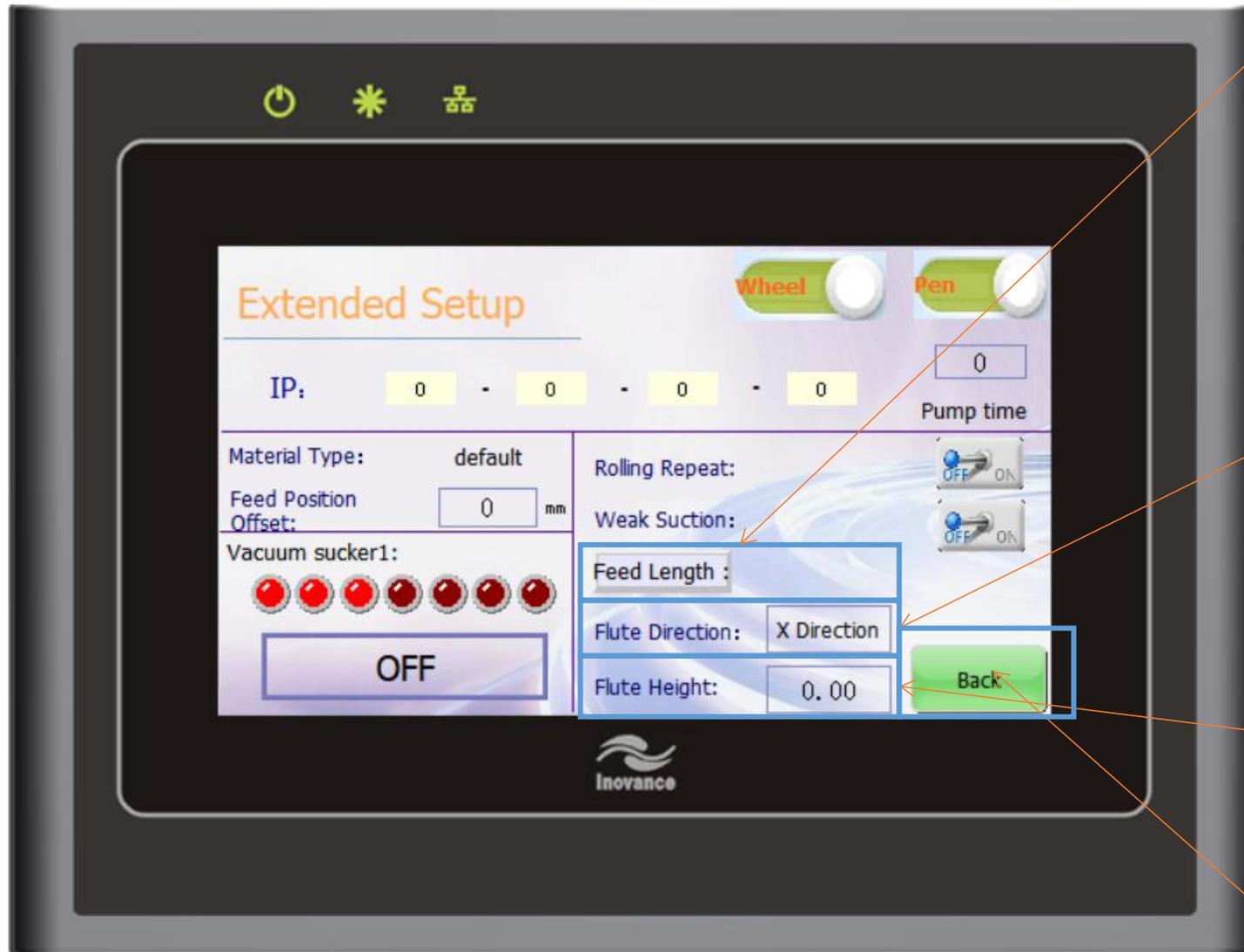
Tool option in the K3 tool. Pen/knife

Vacuum pump delay time before cutting job

On/off conveyor rolling when auto repeat is activated

On/off vacuum reverse device manually

Extended setup page



Activate second feed mode when feeding material and set the second feed length(MM)



Set flute direction according to X/Y when creasing the corrugated material to avoid breaking the flute

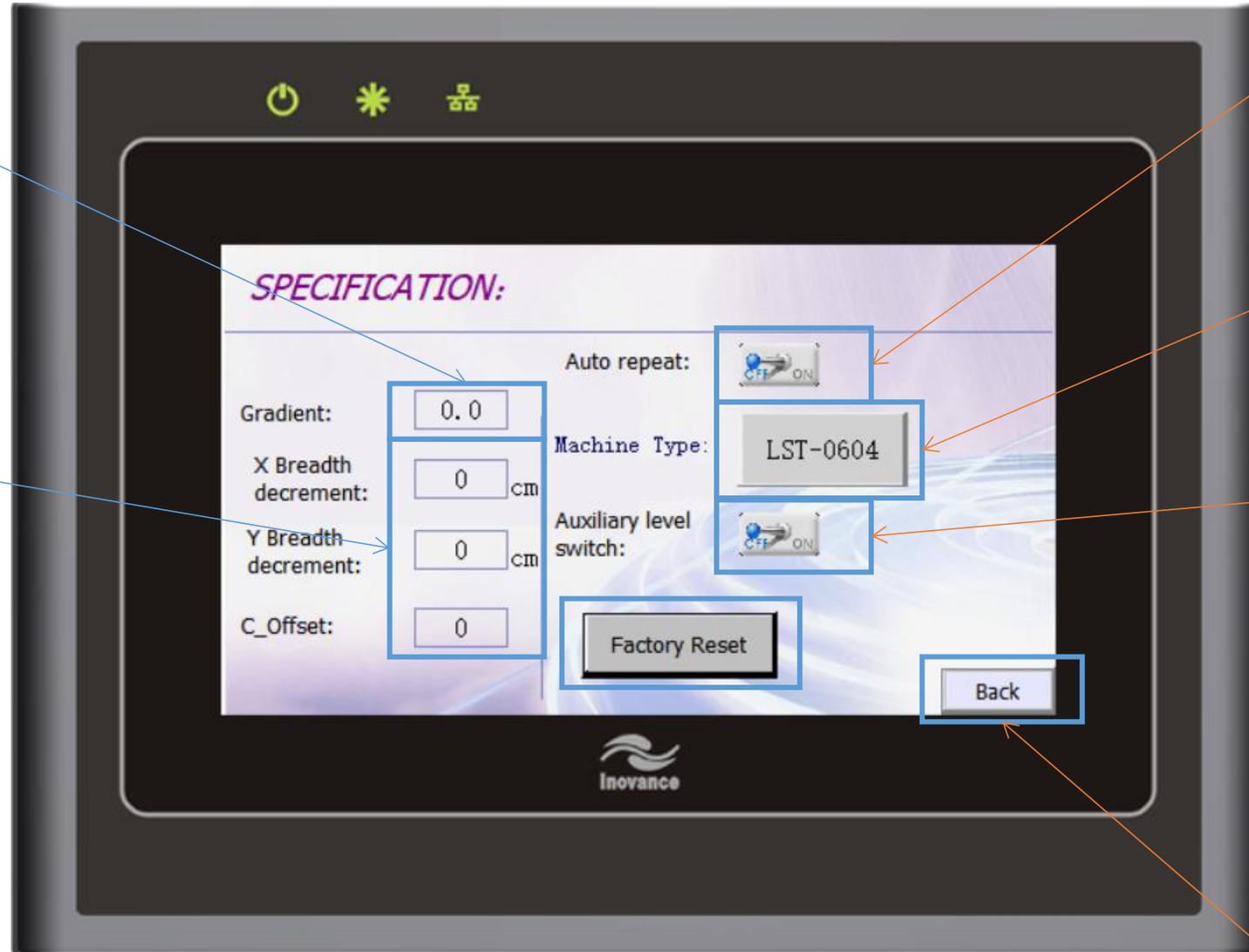
Set flute thickness when creasing the corrugated material to avoid breaking the flute

Enter into the standby page

Specification page

Machine gantry
gradient
compensation offset
(1=1 degree)

Cutting area
decrease in X/Y
direction (do not
modify unless asked
to)



On/off auto repeat
mode, machine will
keep cutting the
same page until the
machine is turned off
or this function is off

Modify the machine
model

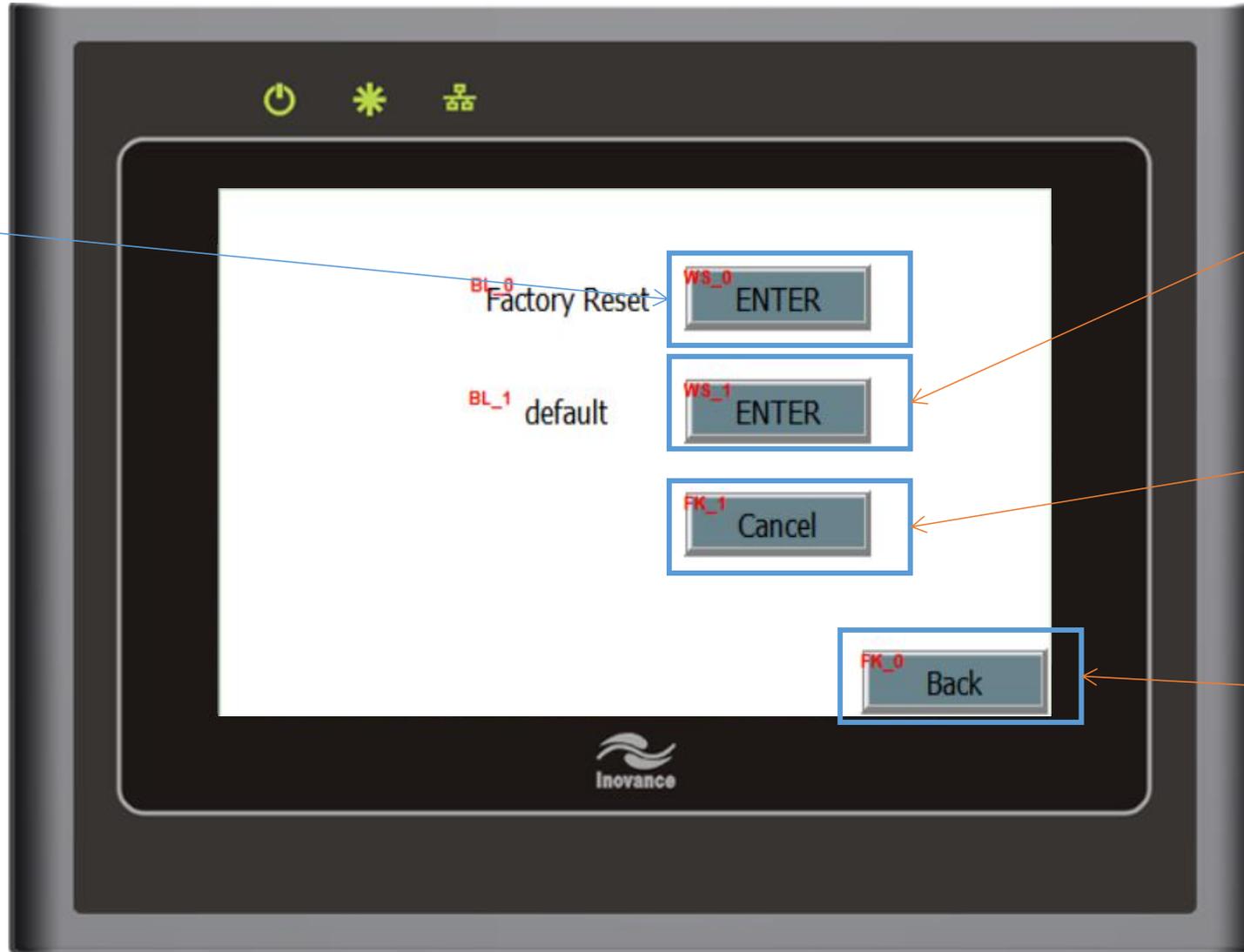
On/off the material
flat mode. The lever
on the gantry will
push the material to
make it flat

Do factory
reset, restore all the
datas inside the
control box (do not
press unless asked to)

Enter into the
standby page

Factory reset page

Press to reset the default parameter when they are set before shipping(will reset the parameter according to the parameter sticker



Press to clear all the parameters inside the control box, do not press unless asked to

Enter to the specification page

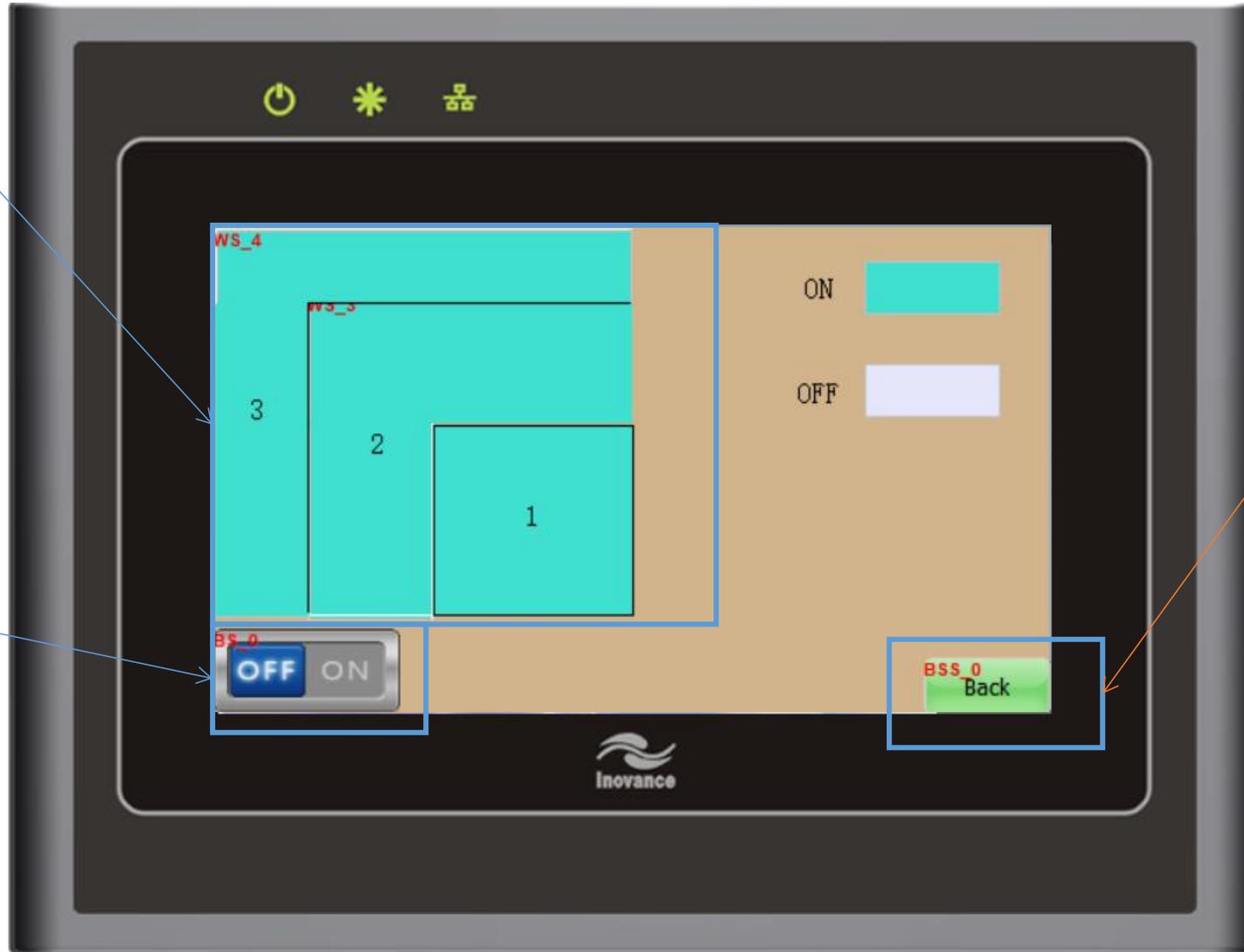
Enter to the standby page

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Pump page

Press to activate the vacuum area, area 1 is always on, can not be off

On/off the vacuum pump

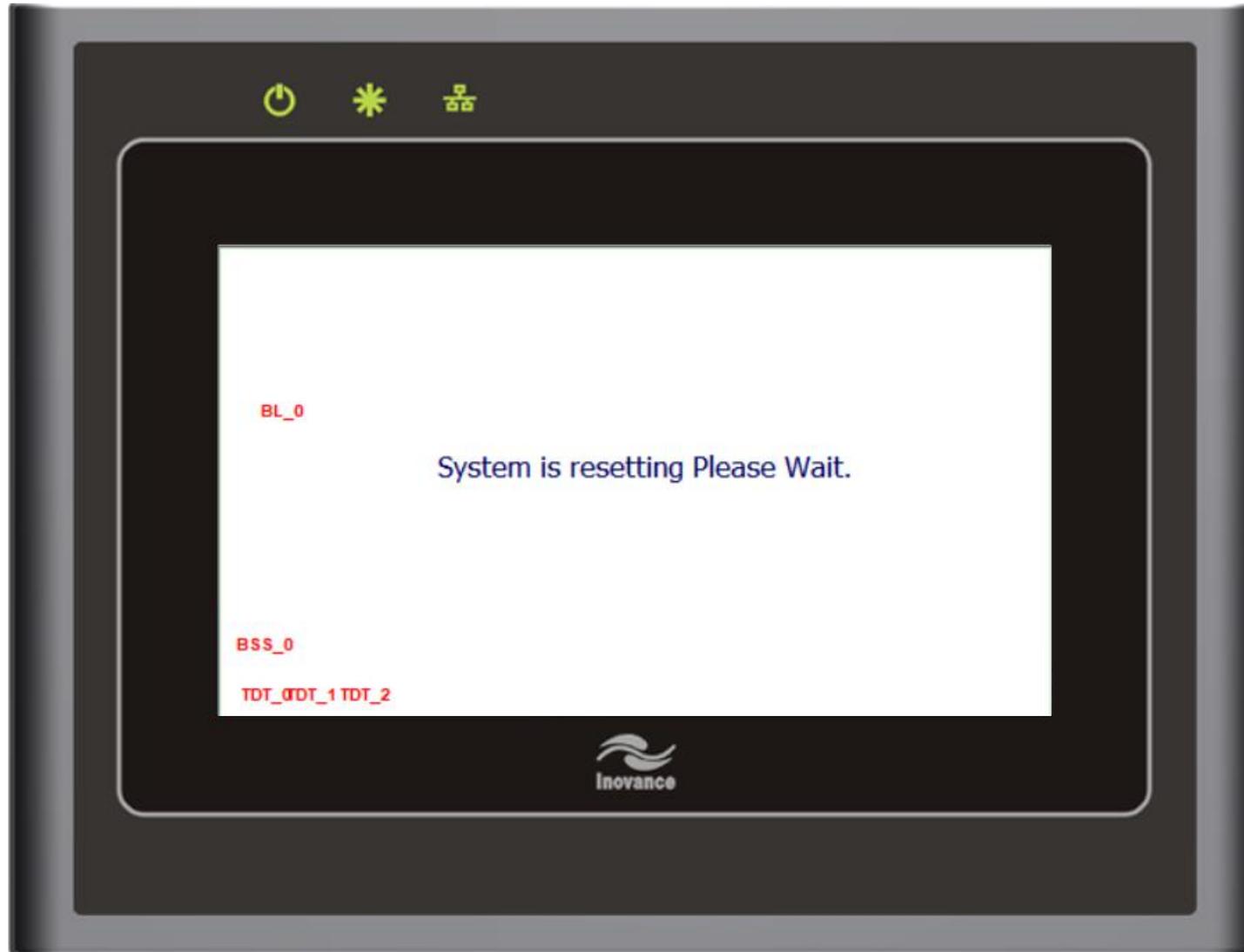


Enter into the standby page

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Reset page

Machine is resetting,
please wait for it to
be resetted

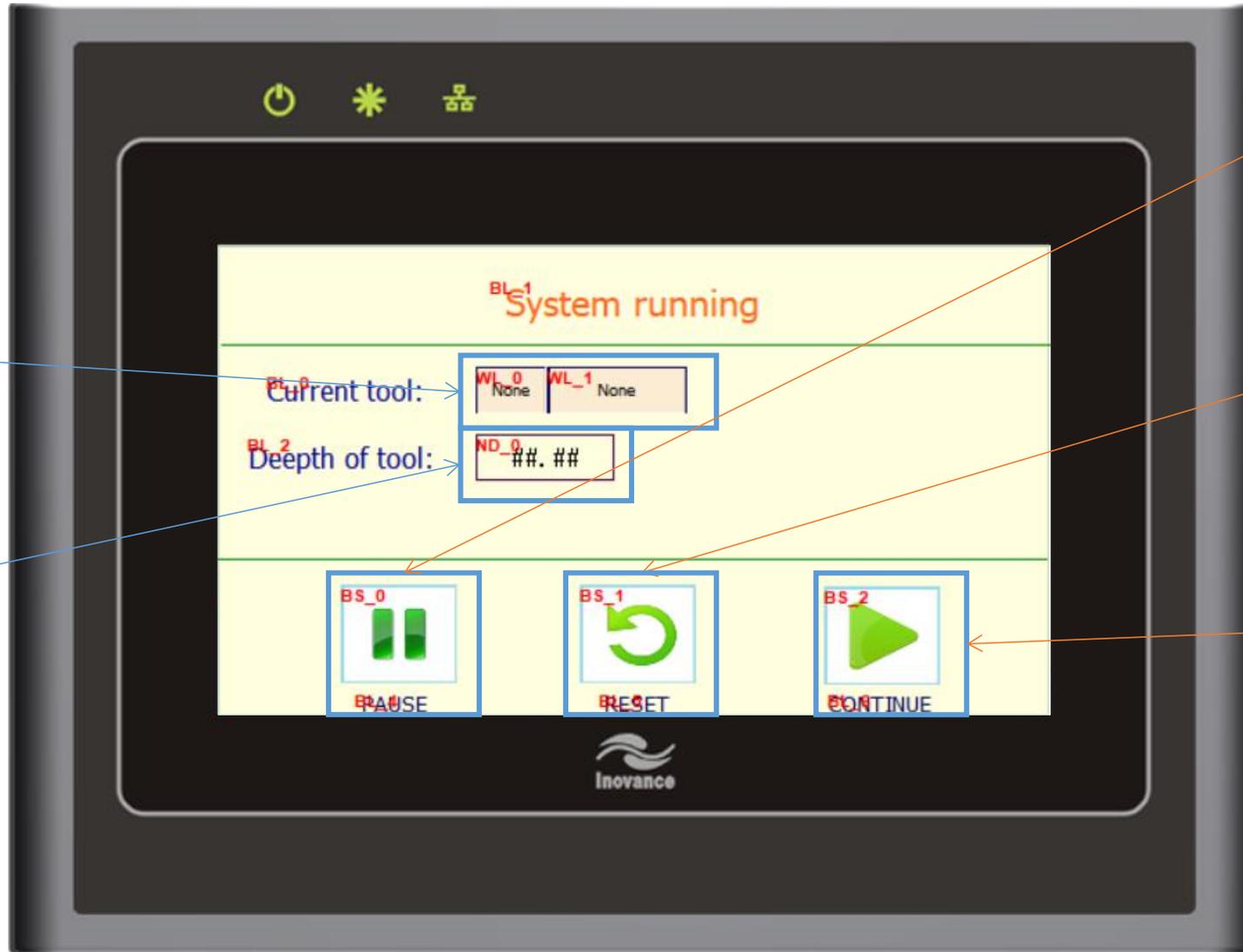


Running page

Machine is doing the cutting job

The working SP number and binded tool

The working tool depth



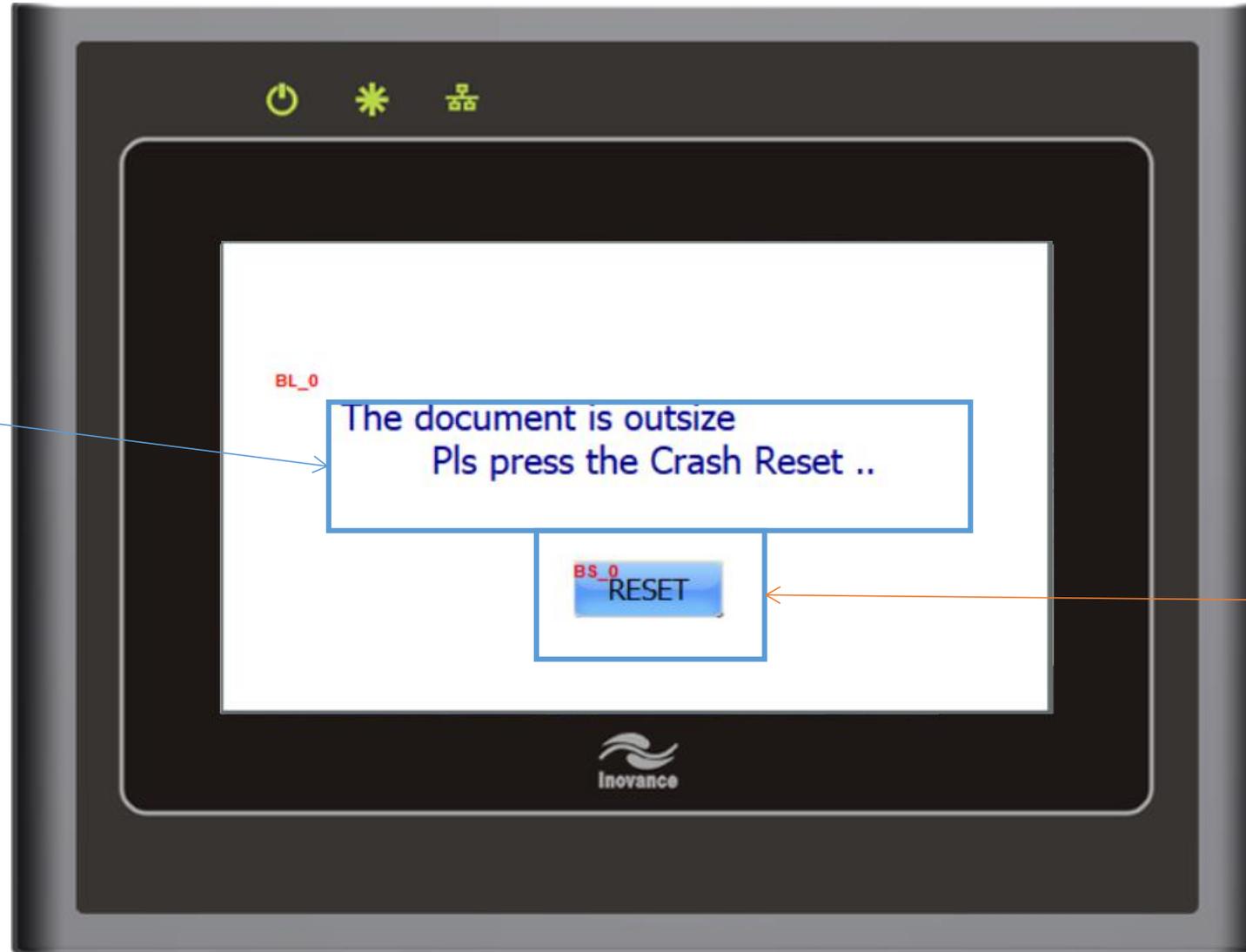
Press to pause the cutting job,press again to cancel the cutting job and enter into the standby page

Press to reset the machine

Press to continue the paused cutting job

Warning page 1

The cutting file is larger than the table size or temp origin is setted in the wrong position

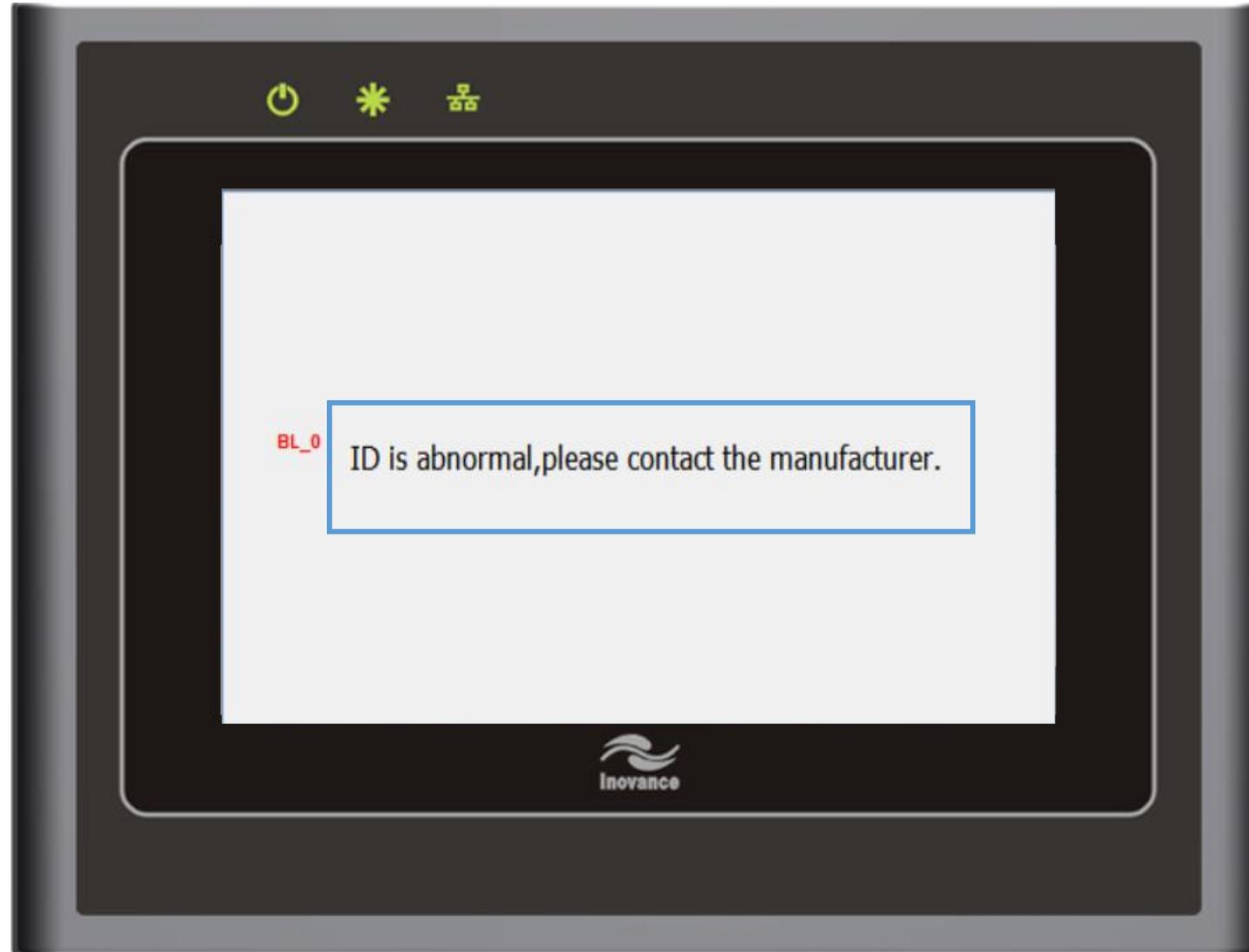


Press to reset the machine

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Warning page 2

The ID of the control box is not match with the default ID,please contact Jwei service team



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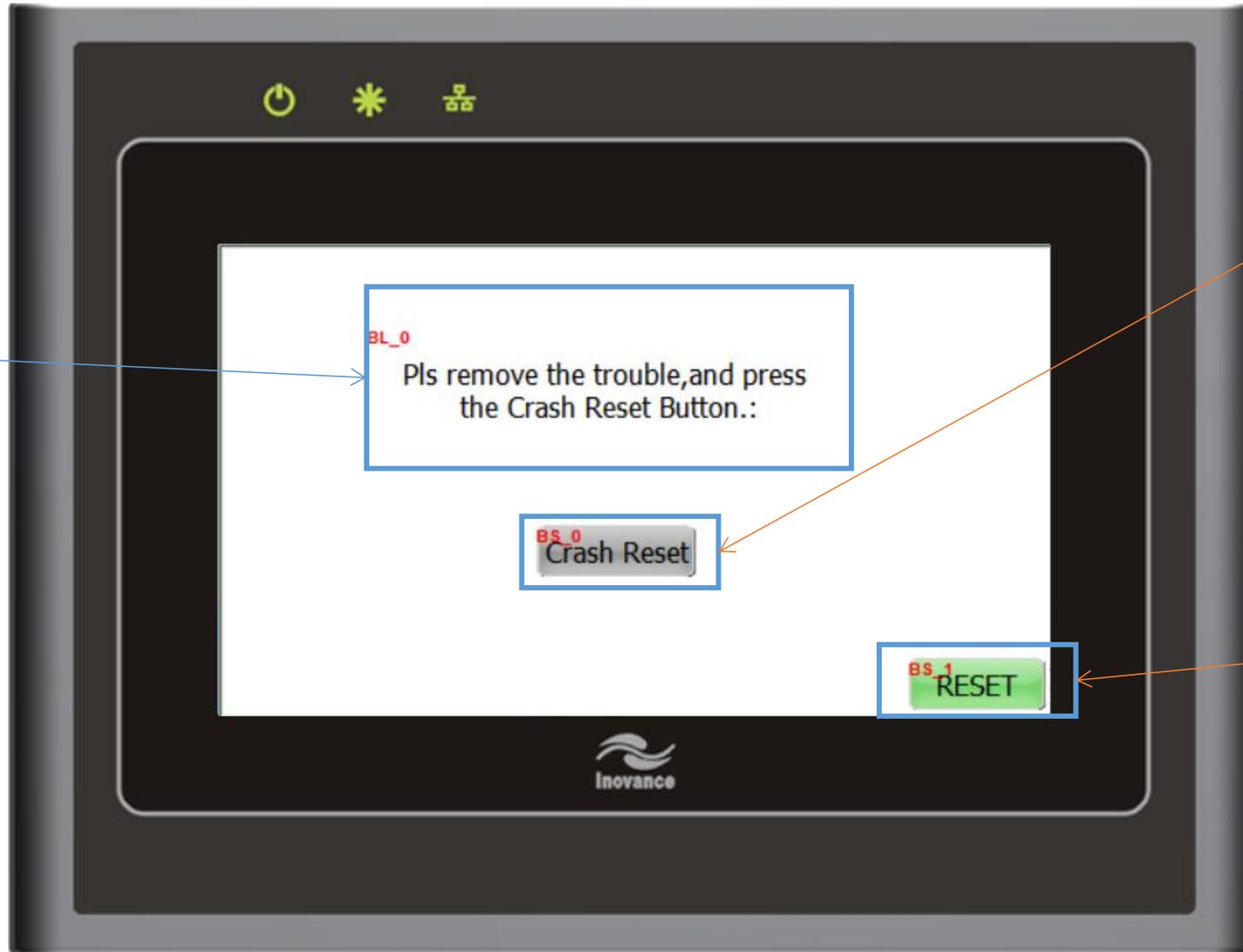
Warning page 3

The display can not communicate with the control box, please check the display communication cable connection or the control box



Warning page 4

Crashworthy device is triggered, machine paused the cutting job



Press to continue the cutting job

Press to reset the machine

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Warning page 5

The machine need new password,please ask it from the service team and input it in the password page



Warning page 6

One of the servo driver in the machine electric box is alarming, please take a picture of the alarm code on the driver display then contact the service team

