

DOMAILLE ENGINEERING APM-HDC-5400

Update Domaille Software
In your APM-HDC-5400
via the USB Port

Step 1

With the machine power OFF. Insert your USB Stick with the Domaille master project on it into either left or right USB ports on the side of machine.



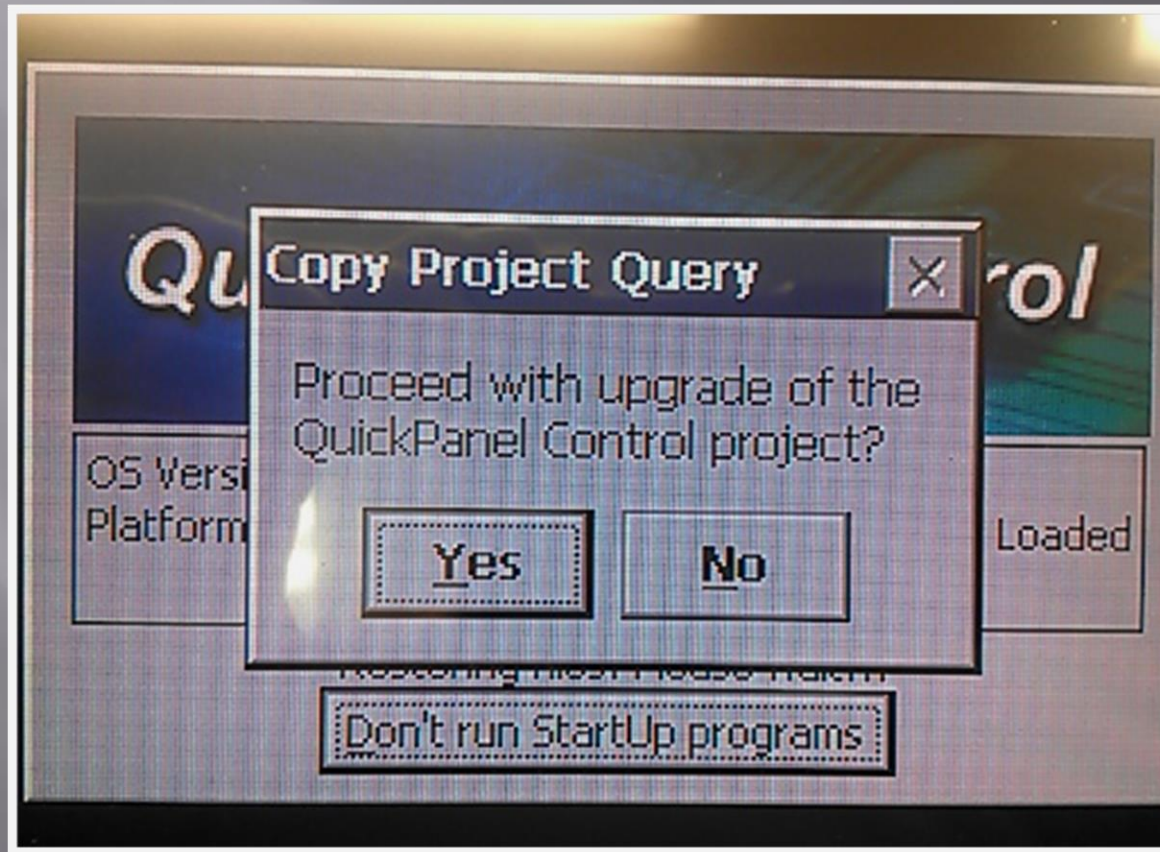
Step 2

Power up the machine.



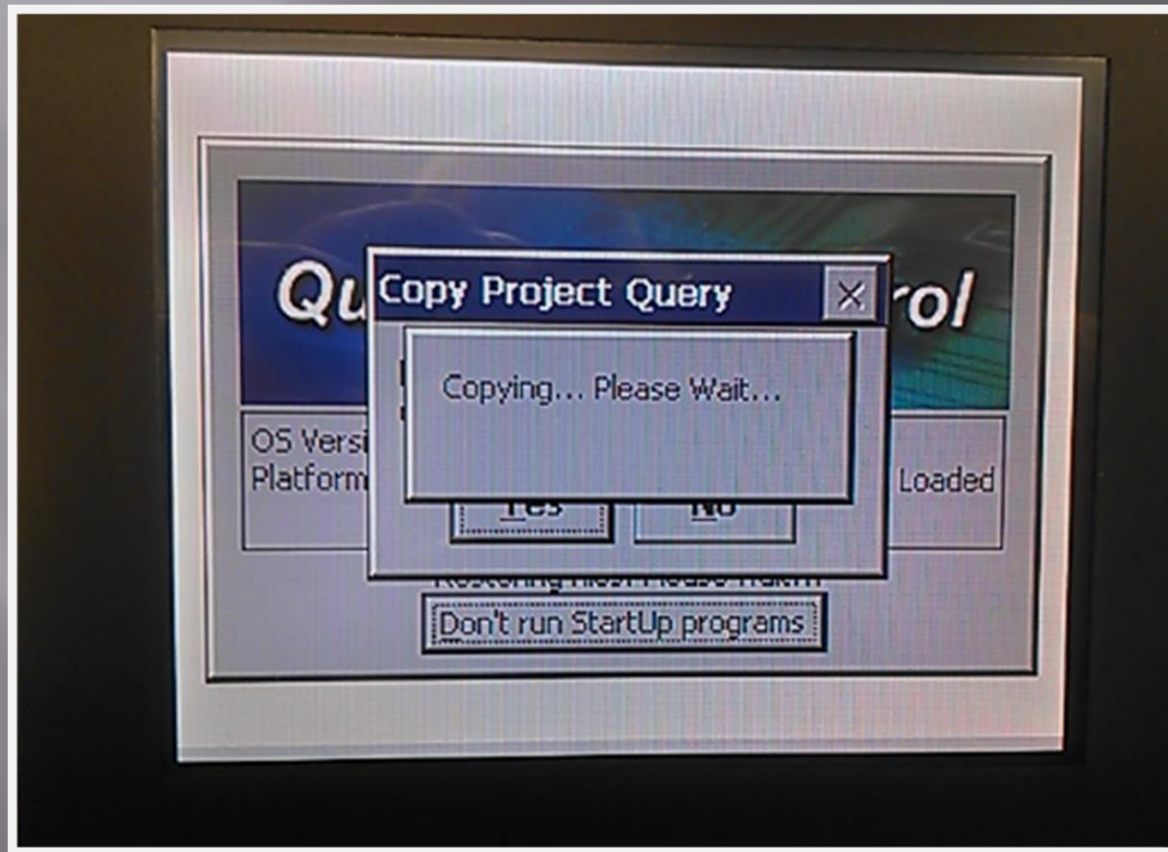
Step 3

Press the Yes button to update the project.
If this message does NOT appear, turn off machine
power and turn on again



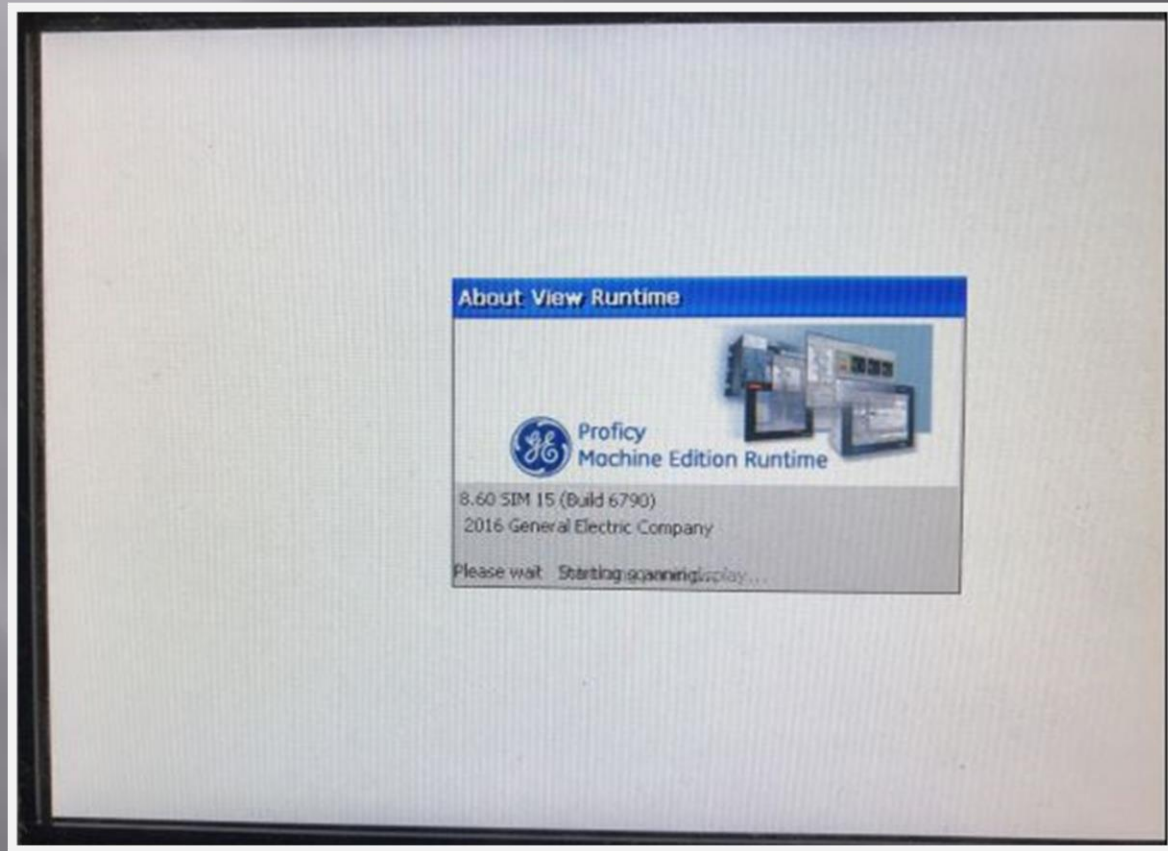
Step 4

The system will copy the Domaille Master Project into the control.



Step 5


This may take a few minutes to load.




Step 6

Your Domaille master project is now updated.
Press the start button to continue.

Press the Machine Start Button
To Continue



APM Model HDC-5400
Polishing Machine
5400_ V9.07 9999TS5



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Play Video

Language

Shut Down

Step 7

Select the System Config Tab to set factory default
Load Cell Calibration and Motor Calibration.

The screenshot displays the software interface with a top navigation bar containing five tabs: Home, Production, Process Config., Process Transfer, and System Config. The System Config tab is currently selected. Below the tabs, the text "Process Selection" is displayed in blue. A dropdown menu shows "DE_Sample" with a downward arrow. The main display area features the text "APM Model HDC-5400" and "Polishing Machine" in a large, bold, italicized font. Below this, the version "5400_ V9.07" and the identifier "9999TS5" are shown. In the bottom left corner, the Domaille Engineering logo is present, consisting of a stylized 'D' icon and the text "DOMAILLE ENGINEERING FIBER OPTIC EQUIPMENT". Below the logo, it says "Copyright 2022 All rights reserved". In the bottom right corner, there are three stacked buttons: "Play Video", "Language", and "Shut Down".


Home Production Process Config. Process Transfer System Config. V9.07

Process Selection

DE_Sample

APM Model HDC-5400
Polishing Machine

5400_ V9.07 9999TS5

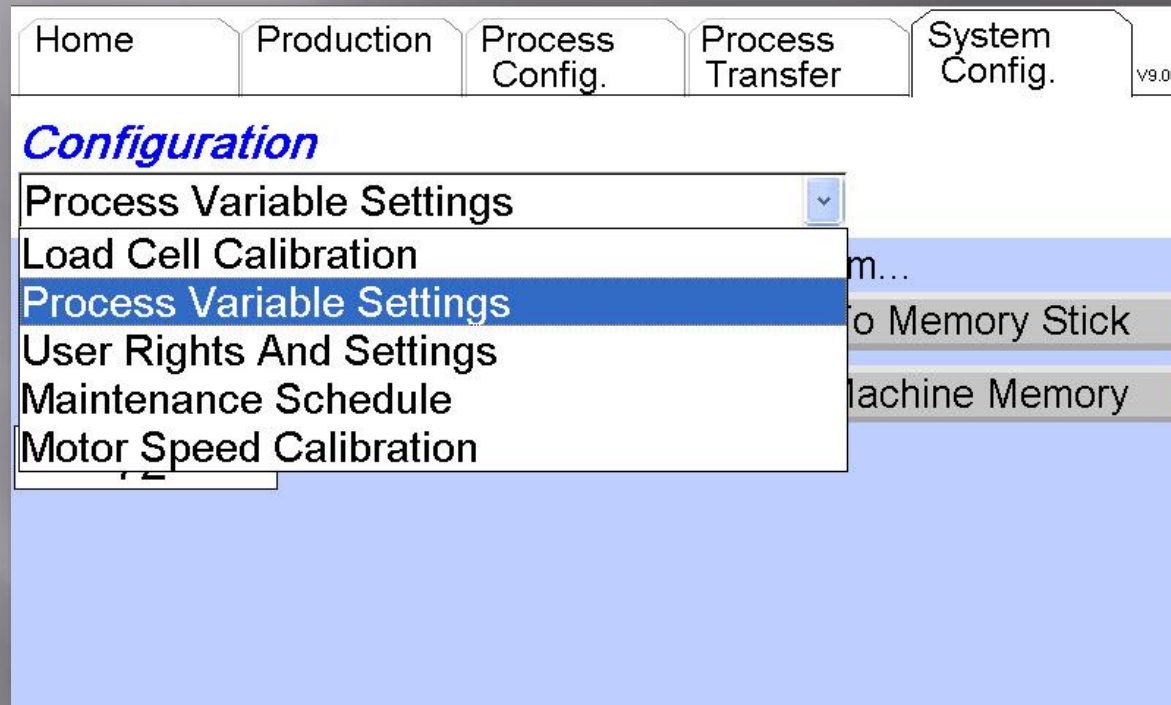
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Play Video
Language
Shut Down

Step 8

On the configuration screen drop-down select Load Cell Calibration.




Step 9

In Load Cell Calibration, push Default Calibration Button.

Home	Production	Process Config.	Process Transfer	System Config.	V9.07
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Configuration

Load Cell Calibration 

Please clear the machine of any obstructions,
then press 'Auto Cal' to start
the Calibration.

1

2

3

4

Default Calibration

TareValue
2000

FullScale
30000

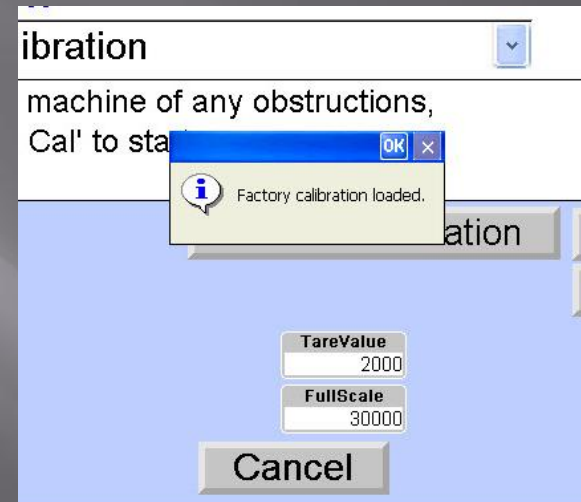
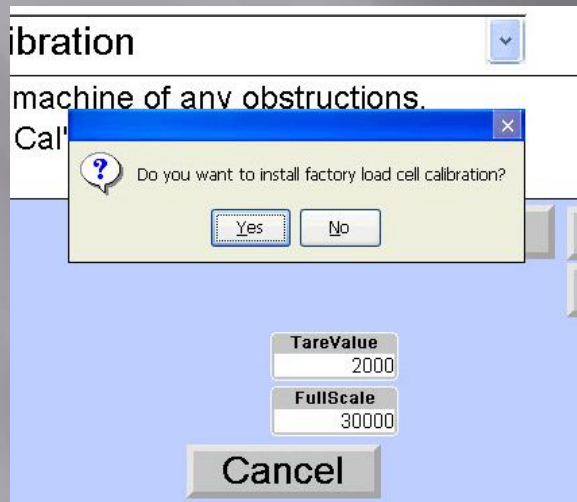
Cancel

Auto

Manual

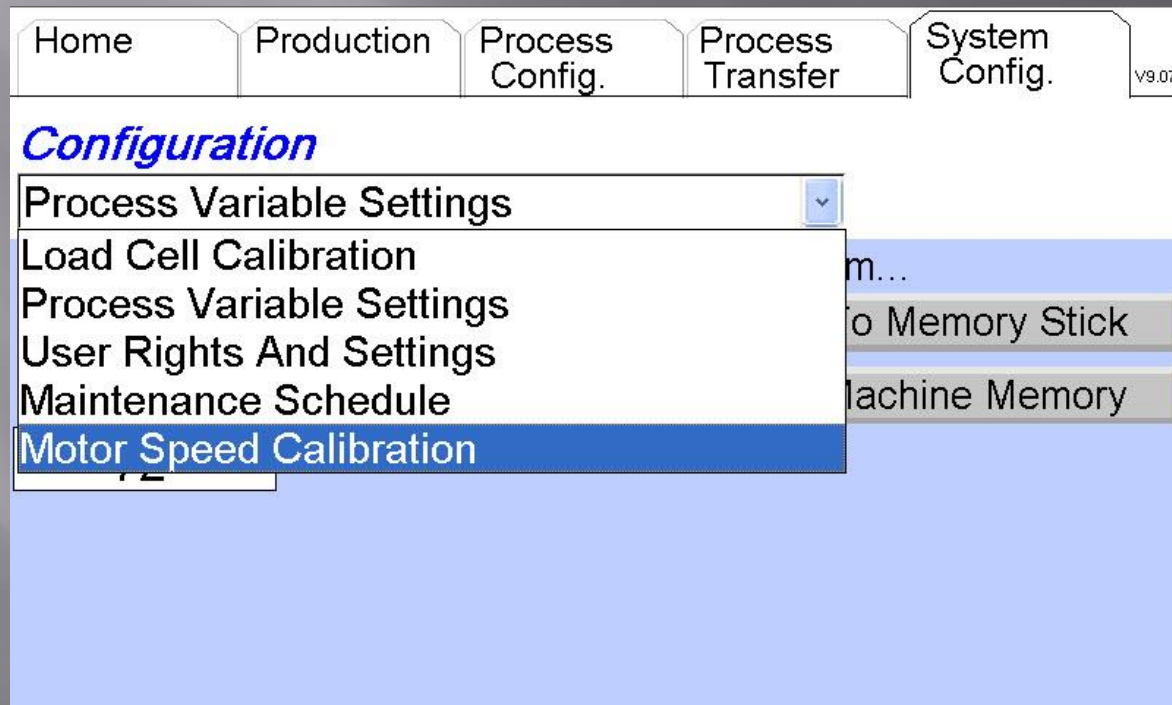
Step 10

Click Yes, to install factory calibration. Click Ok, to Factory Calibration loaded.
The Default Calibration will be applied.



Step 11

In drop-down select Motor Speed Calibration.



Step 12

Push Enable Motor button.
Then push Start Motor Cal button.

Home	Production	Process Config.	Process Transfer	System Config.	V9.00
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Configuration

Motor Speed Calibration

Status:

Please clear the machine of any obstructions, then press 'Enable Motor' to start the Calibration.

Status:

Press "Start Motor Cal" to start motor speed calibration.

Step 13

Calibration will check high speed then low speed.
Push Accept button when calibration is complete.

Status:
Motor recording Y1 Value.

**Motor Speed
RPM**
195

Start Motor Cal

Cancel

Status:
Motor recording Y2 Value.

**Motor Speed
RPM**
051

Start Motor Cal

Cancel

Status:
Speed Calibration complete.
Press Cancel / Accept button to exit.

**Motor Speed
RPM**
000

Calibrated!

Cancel Accept

Step 14

Remember to remove your USB Stick from the port.



Step 15

Process Completed.

Happy Polishing!