Installation instruction
Template Motion-Axis Web and Foil

Brief description:
Installation instructions for the setup "Baumueller Motion Axis Web & Foil"

Version: 2.0 from 28.04.2023

Status: Release

Author: [VT]

1. Contents

2. History

version	date	Surname	modification
1.0	04.11.2021	VT	Initial version
2.0	28.04.2023	VT	Added QR-Codes

3. Notes relevant to safety

DANGER
... indicates an imminently dangerous situation that will lead to death or serious injuries if it is not avoided.

WARNING
... warns of a possibly dangerous situation that can lead to death or serious injuries if it is not avoided

ATTENTION
... warns of a possibly dangerous situation that can lead to slight or minor injuries if it is not avoided

A NOTICE
... warns of a potentially dangerous situation that can lead to property damage if it is not avoided

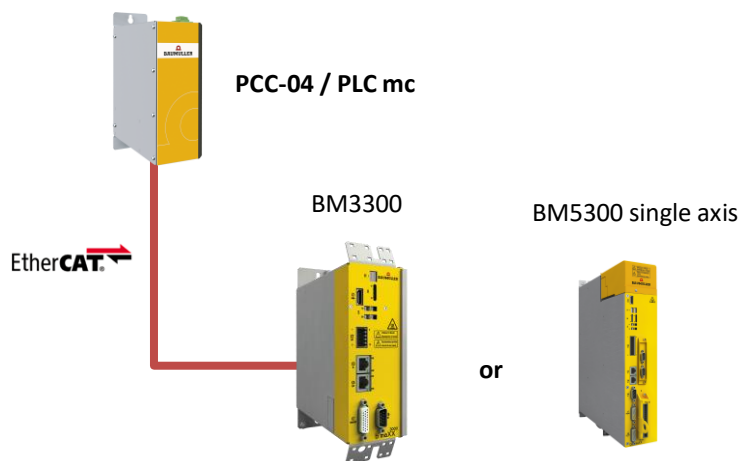| Note! |
|---|
| ... indicates useful tips and recommendations as well as information for efficient, trouble-free operation |

4. Requirements

The following software and hardware components are required so that the template can be operated:

- SCADA-Editor (from V7.02.00.20)
- ProMaster (from 1.21.1.34 - release)
- PCC-04 / PLC mc 40
- bmaXX3300 or bmaXX5000 as a single axis

5. System components

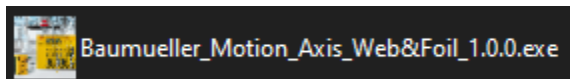This section describes the system structure.

The template in its basic configuration contains the configuration for the following components:

PCC-04 / PLC mc

EtherCAT

BM3300

BM5300 single axis

or

The template is delivered with this system configuration and it is recommended to first start up the template with these basic components in order to check and get to know the basic functions. The template can of course be expanded later.

6. Installation

The template is installed using a setup. This setup installs all required project files both on the development PC and on the plc. This means that the setup can / must be carried out on the PC as well as on the Windows side of the plc.
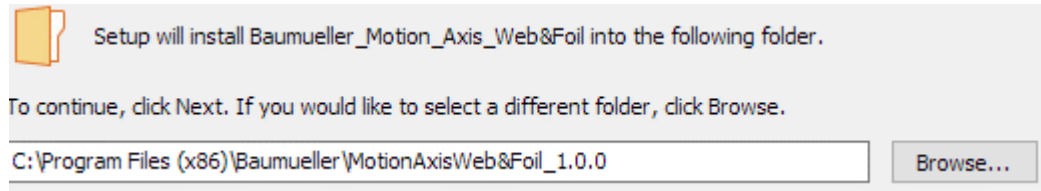

Baumueller_Motion_Axis_Web&Foil_1.0.0.exe

The setup behaves differently on the development PC than on the plc, since different files have to be extracted here.
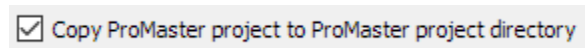
be in motion

www.baumueller.de
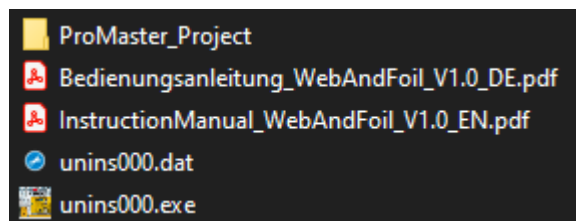
6.1 Installation on the development PC

If you run the setup on the development PC, a directory with the content of the template files is set up here under the standard Baumüller program path. This path can also be changed as desired.

Setup will install Baumueller_Motion_Axis_Web&Foil into the following folder.

To continue, click Next. If you would like to select a different folder, click Browse.

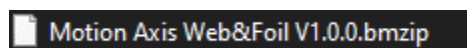C:\Program Files (x86)\Baumueller\MotionAxisWeb&Foil_1.0.0   Browse...

After selecting the installation directory, a checkbox can be used to determine whether the ProMaster project for the template will also be placed directly in the standard ProMaster project directory after installation ("C:\Users\%USERNAME%\Documents\ProMaster Framework 0107 \Projects"). Otherwise the project is only located in the installation directory selected previously.
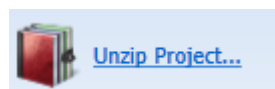
☑ Copy ProMaster project to ProMaster project directory

After successful installation, the project directory can also be displayed directly when the setup is finished.

📁 ProMaster_Project
📄 Bedienungsanleitung_WebAndFoil_V1.0_DE.pdf
📄 InstructionManual_WebAndFoil_V1.0_EN.pdf
📄 unins000.dat
📄 unins000.exe

If the option mentioned above has been activated, the ProMaster project can be found in the ProMaster project directory:

📄 Motion Axis Web&Foil V1.0.0.bmzip
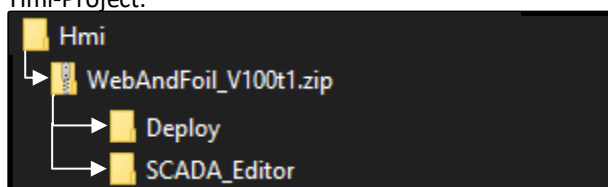
The project can now be unpacked with ProMaster:

Unzip Project...

Following project files are included in the ProMaster-Project:

Hmi-Project:

📁 Hmi
  └ 📁 WebAndFoil_V100t1.zip
      ├ 📁 Deploy
      └ 📁 SCADA_Editor
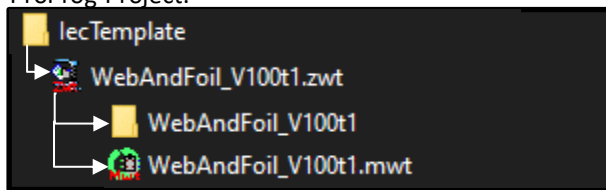
Deploy: Files that can be transfered to the plc
SCADA_Editor: HMI-Project that can be opened with the SCADA-Editor

ProProg-Project:

6.2 Installation on the PLC

The same setup can also be carried out on the PLC on the Windows side. Here, for example, the "userdata" directory under D:\ is suitable.

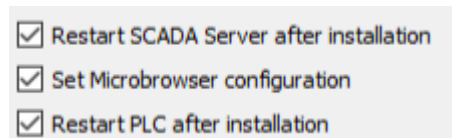During the setup it is also displayed which files are being installed / unpacked on the PLC:

A NOTICE
The files are not backed up! Therefore, please back up all files beforehand.

The following options can be selected / deselected on the additional tasks page:

All these things can of course also be done manually, but the setup offers to do this for the user. This means that the template can be started immediately after the installation has been completed and no further configurations need to be changed or files executed.

If the setup has been installed, the visualization can also be opened directly via the option "Show MicroBrowser_XP.exe" after the setup has ended: