

Firmware update on PRETREATmaker Basic

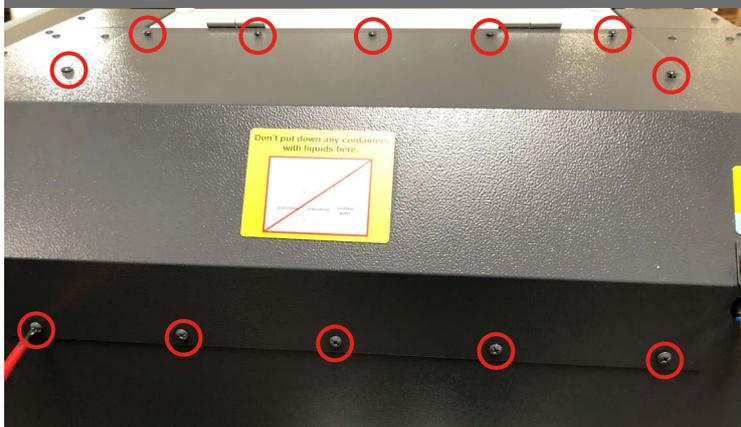
Before opening the housing, always switch off the machine and disconnect the mains plug!

Required components:

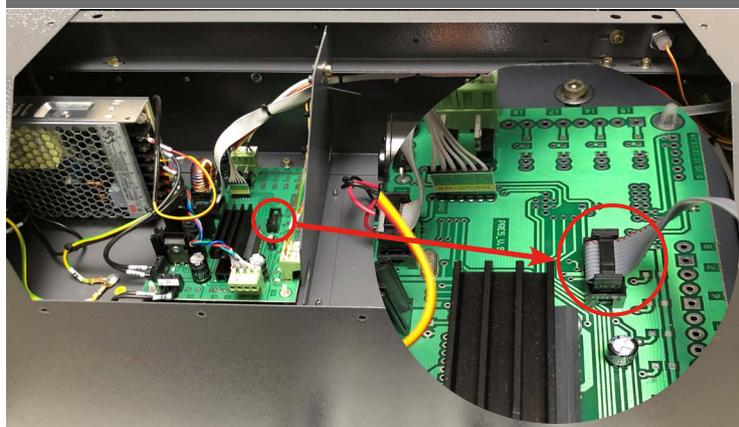
- PC (with Windows)
- USBASP adapter
- USBASP adapter driver
- Firmware



1. Loosen the screws as shown to open the right cover.



2. Connect the USBASP adapter to the marked connector

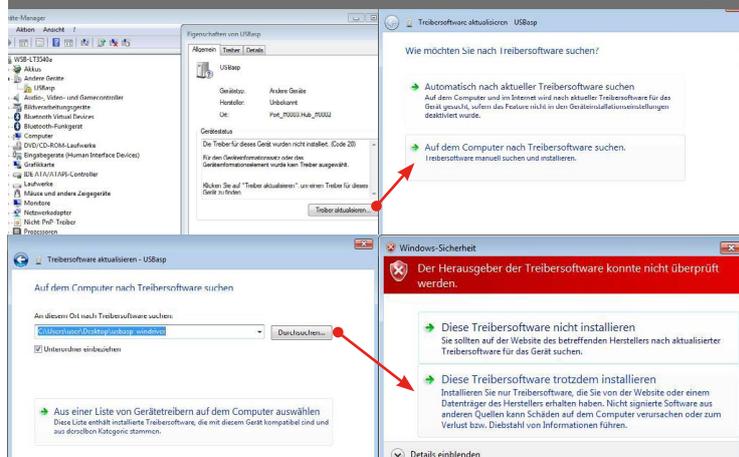


3. Connect the USBASP adapter to your computer



4. Unzip the file: PRETREATmaker_Basic_firmware.zip
The folder contains the driver for the USBASP adapter and the firmware itself

5. Navigate to the device manager, locate the USBASP device and install the driver (usbasp-windriver) manually



6. Upload the firmware by executing the "prog_all.bat" file

| Name | Anderungsdatum | Typ | Größe |
|----------------------------------|------------------|--------------------|--------|
| avrdude.conf | 17.02.2016 09:24 | CONF-Datei | 470 KB |
| avrdude | 17.02.2016 09:26 | Anwendung | 455 KB |
| prog_all | 17.08.2018 14:05 | Windows-Batchda... | 1 KB |
| Rom_Pre5_v7_Pre5_Basic_v1_06.eep | 17.08.2018 08:58 | EEP-Datei | 1 KB |
| Rom_Pre5_v7_Pre5_Basic_v1_06.hex | 17.08.2018 08:58 | HEX-Datei | 28 KB |

Note: If you use Win 8/10, please watch this video on youtube.

EN: https://youtu.be/P2_wG6BZncl

DE: https://youtu.be/GjkNe09eN_o