

Firmware update on PRETREATmaker Basic

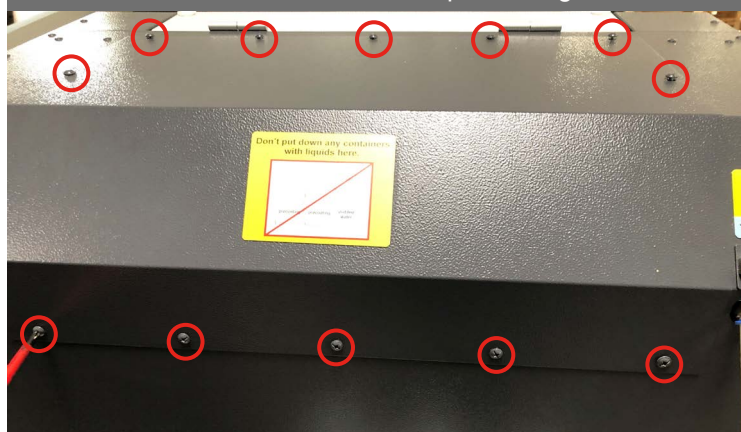
Before opening the housing, always switch off the machine and disconnect the mains plug!

Required components:

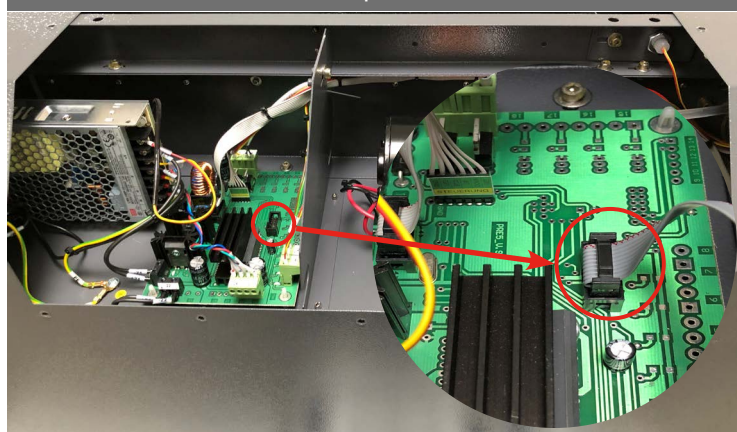
- PC (with Windows)
- USBASP adapter
- USBASP adapter driver
- Firmware



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



2. Connect the USBASP adapter to the marked connector

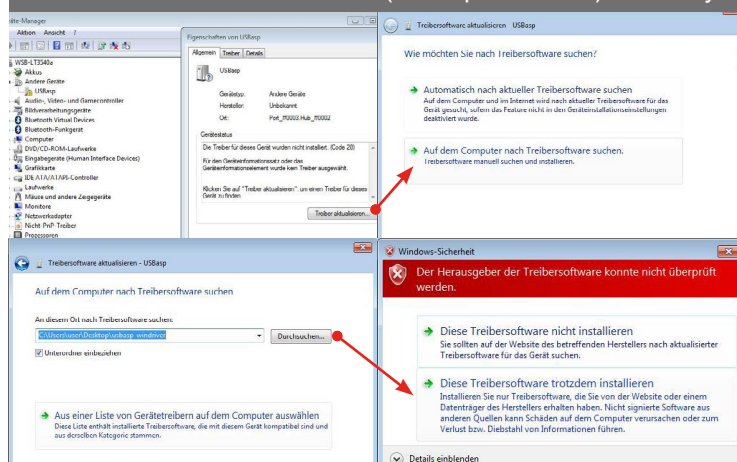


3. Connect the USBASP adapter to your computer



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	EFP-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