

## Service Information no. 191

### Chameleon new software programs

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This Service information covers the following equipment: All Chameleon equipment with pumps installed, MM3, BW3, MP3, MP4, MA3, MA4, BW4, BW8, BF3, BF4, BF8 and BF16-BFxx.

The Chameleon software programs for 4 different product lines:

1. **Professional main stations and boosters**

Model names: MM3xx and BW3  
File name: FWU\_SB\_PRO\_V300  
Software ID: V3.00 3-9

2. **Advanced main stations and boosters:**

Model names: MP3xx, MP4xx, MA3xx, MA4xx, BW4, BF3, BF4  
File name: FWU\_SB\_ADV\_V300  
Software ID: V3.00 3-9

3. **Advanced 8 user boosters:**

Model names: BW8, BF8  
File Name: FWU\_BW8\_V300  
File Nome: FWU\_BF8\_V300  
Software ID: BW8 V3.00 5-9  
Software ID: BF8 V3.00 5-14

4. **Advanced multi pump boosters:**

Model names: BF16, BF24, BF32, BF40, BF48, etc.  
File Name: FWU\_MB\_V300  
Software: V3.00 5-14



Item No. 110000452 f.o.c.

It is very important that you use the different programs for the different pump sizes!

More information about the programs: All programs will regulate much faster than the old programs, which will protect the pumps from pressure overshoot. All programs will protect the pumps by ensuring that they only runs with 20 bar plus 2 bar inlet pressure. For advanced stations with 3-9 pumps it will be 20 bar + inlet pressure with a max. of 25 bar.

Enclosed please find instructions to install these programs into the Chameleon product line! You can download all these programs from our web site: [www.nilfiskfood.com](http://www.nilfiskfood.com)

Should you need any further information do not hesitate to contact  
Nilfisk-ALTO Food Division sales department, direct tel. No.: +45 7218 2000.

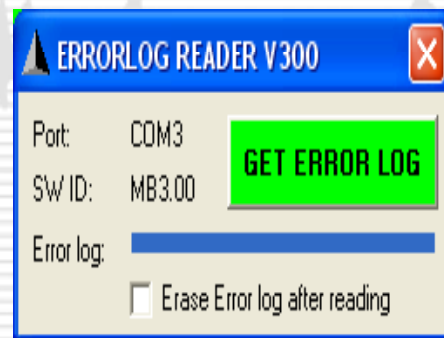
Best regards  
**Nilfisk-ALTO Food Division**

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# Firmware upgrade tool

# Nilfisk ALTO

- New program
- Error log reader



# Firmware upgrade tool

**Nilfisk**  
**ALTO**

## ”user guide”

1. Start up FWU program that matches the machine to upgrade
2. Connect usb cable to PC
3. Connect display to USB cabel
4. In menu go to setup →Firmware upgrade →display upgrade
5. Press ”Display” button in FWU program
6. Wait for ”Display” button to turn green
7. Reconnect display to controller board
8. Connect upgrade cable between usb cable and controller board (PCB plug 11)
9. In menu go to setup →Firmware upgrade →controller upgrade
10. Press ”Controller” button i FWU program
11. Wait for ” Controller” button to turn green
12. Turn off booster and wait until power is completely off before turning back on

# Firmware upgrade tool

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## Different programs

- FWU SB PRO V300
  - For all professional main stations
- FWU SB ADV V300
  - For all single boosters/mainstations with ADV display, except BF/BW8
- FWU BW8 V300
  - Only for BW8
- FWU BF8 V300
  - Only for BF8
- FWU MB V300
  - Multibooster