

7 Trouble Shooting



You have chosen the best quality and therefore deserve the best service. The TRUCK BOOSTER features an "Error detection system" that will stop the TRUCK BOOSTER in case of a severe error that needs immediate attention. The red light of the STOP button will flash, and the display in the inspection window will indicate the nature of the error.

Though the user can correct some of these errors, you should note the error and contact the nearest Nilfisk-ALTO service organization. To avoid unnecessary disappointments, you should check this section before contacting the nearest Nilfisk-ALTO service organization.

7.1 General trouble shooting

Symptom	Reason	Action
Machine will not start (NO ERROR indication)	<ul style="list-style-type: none"> > A fuse has blown > Power disconnected 	<ul style="list-style-type: none"> • Change the fuse. • Connect power.
Fuses blow	<ul style="list-style-type: none"> > Installation does not correspond to the ampere consumption of the machine 	<ul style="list-style-type: none"> • Change to an installation corresponding to the ampere consumption of the machine at a minimum. • Change the fuse.
Working pressure too low	<ul style="list-style-type: none"> > Nozzle worn > Wrong spray lance > Reduction valve of spray lance not adjusted to max. pressure. > Nozzle partly clogged up 	<ul style="list-style-type: none"> • Replace the nozzle. • Replace the spray lance (see section 4.1.4). • Turn reduction valve completely counter-clockwise (see section 4.1.4). • Clean the nozzle (see section 6.4).
Working pressure fluctuating	<ul style="list-style-type: none"> > Insufficient water supply > High-pressure hoses too long > Air in the system > Detergent container empty 	<ul style="list-style-type: none"> • Check that the water tank is not drained of water during operation of the machine. If it is, clean the water inlet filter of the machine. If that does not solve the problem, the water supply for the machine is insufficient. NB! Avoid long, thin hoses (min. 3/4"). • Dismount high-pressure extension hoses and retry. Extension hose max. 50 m. NB! Avoid long extension hoses with many couplings. • Vent the system (see section 3.7). • Refill or close dosing valve.

Symptom	Reason	Action
No working pressure	> Water inlet filter clogged up	• Clean filter (see sect. 6.3).
	> Nozzle clogged up	• Clean nozzle (see sect. 6.4).
	> No inlet water	• Check that the shut off cock of the water inlet is open. Check that the water supply meets the requirements (see section 3.4).
	> High-pressure cock of outlet point open	• Close all high-pressure cocks not in use.
Machine starts and stops	> Leaky hose/ pipeline/spray handle	• Repair leak.

7.2 Error messages

If your TRUCK BOOSTER does not heat the water although the white “Heating” push button (5) has been activated, the “overheat melting fuse” has blown. This fuse is located within the machine and MUST ONLY be exchanged by an Nilfisk-ALTO service technician.

Error Message (red STOP light flashing)	Reason	Action
Illegal sensor comb. E1	> Lack of water	• Check your water supply – open?, sufficient pressure? • Check and clean inlet filter, section 6.3.
	> Declutching of thermal relay or motor winding protector	• Check ventilation. • Check fuses.
	> Defective or mal-adjusted flow sensor / pressure switch	• Call Nilfisk-ALTO service.
Flow failure E4	> Defective or mal-adjusted flow sensor	• Call Nilfisk-ALTO service.
No flame detected E5	> No flame is detected when it should be present	• Check your fuel supply, and refill is necessary.
	> Fuel filter clogged	• Call Nilfisk -ALTO service.
	> Flame sensor soothed or defective	• Call Nilfisk -ALTO service.
Illegal flame detected E6	> Flame detected when it should NOT be present	• Flame sensor not mounted in place. Mount sensor.
	> Flame sensor defective	• Call Nilfisk -ALTO service
Red STOP light flashing Display shows hour counters	> Shortage of oil in h.p. pump	• Top up with oil.