CAN MAN®

FAQ – X1 039 What to do if positioning drives of QuickChangePLUS™ (automatic height changeover) does not work?

| Communication | 🟢 |
| Current Limit | 🔴 |

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NOTE:
There are two errors to distinguish:

A) Error current limit

B) Error communication

A) Error current limit

Possible cause:

- Dirty guidings of the infeed belt system or blank magazine.
  => Clean and grease them.
- Remove the belt and turn by hand. It should turn smoothly.
  => ATTENTION! Before you remove the belt measure the position to reinstall the belt in the same position.

- If you can not solve the problem, it is also possible to adjust the position of the infeed belt system or magazine manually.
  The message on touchscreen "MSIA drive height change .... not in position" you can delete by bridging
  +24DC (Terminal 10) to the following input:
  Serial number 228 and lower E5.5
  Serial number 287 and higher E4.6
  => Contact Can Man

B) Error communication

Possible cause:

- Emergency stop. In this case the drives don't have any supply and no connection to the PLC.
  => Release the emergency stop.
- The fuse for drive supply might be broken (check fuse number on the wiring diagram).
- Plugs on the motors are not fixed well.
- The profibus plugs have a switch for the terminal resistor. The first plug on PLC and last plug on motor height change infeed belt must be set to ON, all other plugs in between to OFF.
- Profibus cable or supply cable might be damaged/wire break.
- Please check the select mode (production, single can, single can without current, wire manual....).
  Avoid the last position (6).
  In this position the positioning drive goes to the programming mode and you are not able to run the drives!
- If the communication to the drives is not working, check the state of LED on PLC (CPU).
  If the emergency stop is not activated and the drives supplied (fuse OK), you can see only green LED on the PLC.
  If the communication is broken down, some red LED's will appear on the PLC. Please check.
  In this case the drive/motor might be damaged.

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