

## VEGO Dynamic TDM 06



## TDM 06 Walkthrough telescopic gate

- › The TDM 06 walkthrough telescopic gate provides an intermediate passage through a production line with no lasting effect on the production flow.



## Operating modes

- › NO: The passage is open and closes for PCB handover only.

### Option

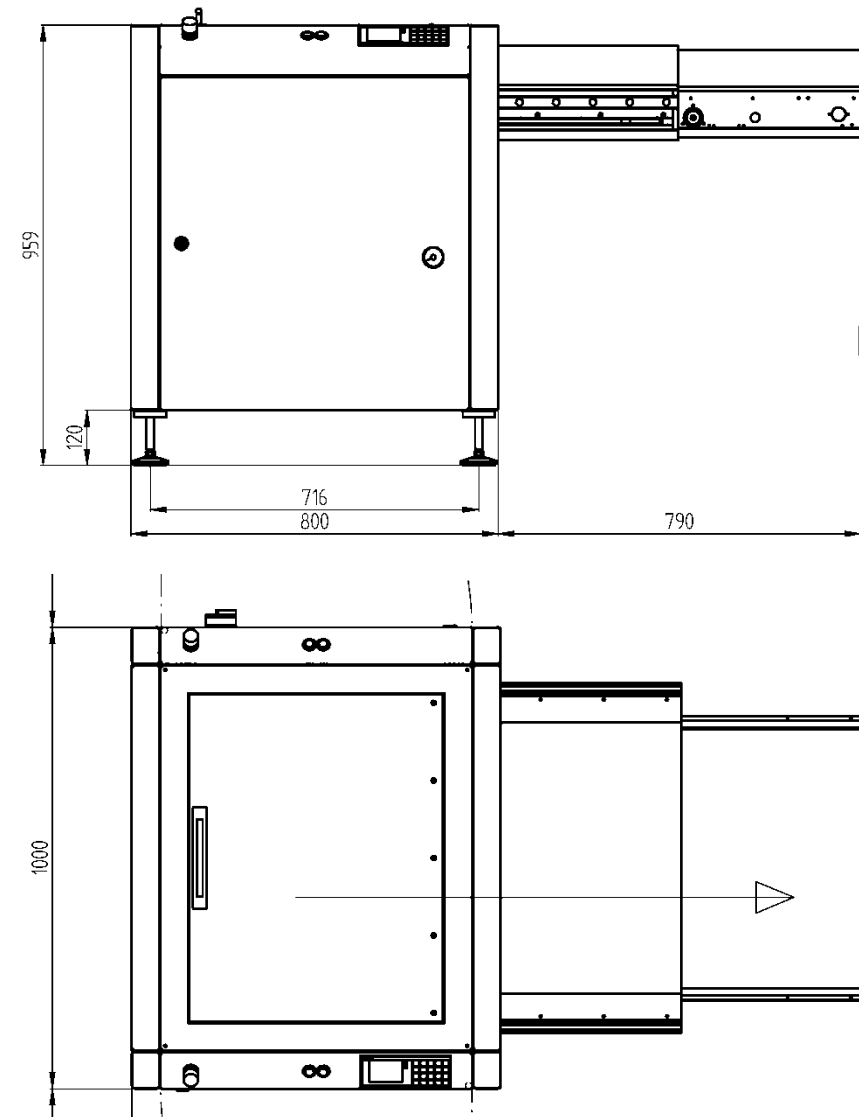
- › NC: The passage stays close and opens on demand (push button).
- › NC/NO: The passage is open and adapts to the line cycle time. I.e. with cycle times < 15s, the passage stays close and opens again when the cycle time increases.



# Technical specification

Length	1590 mm (2000mm*)
Passage width	790mm (995mm*)
Width	1000 mm
Height	960 mm
PCB width	50 - 460 mm
PCB length	70 - 460 mm
Transport height	850 mm +/- 50 mm ( 950 mm +/- 50 mm optionally available )
Cycle time	<15 sec. at NO mode

\* Different model



## Operation

- › Operator panel with graphical color display
- › Setup of the machine during production
- › Password-protected user levels (configurable)
- › Product memory function



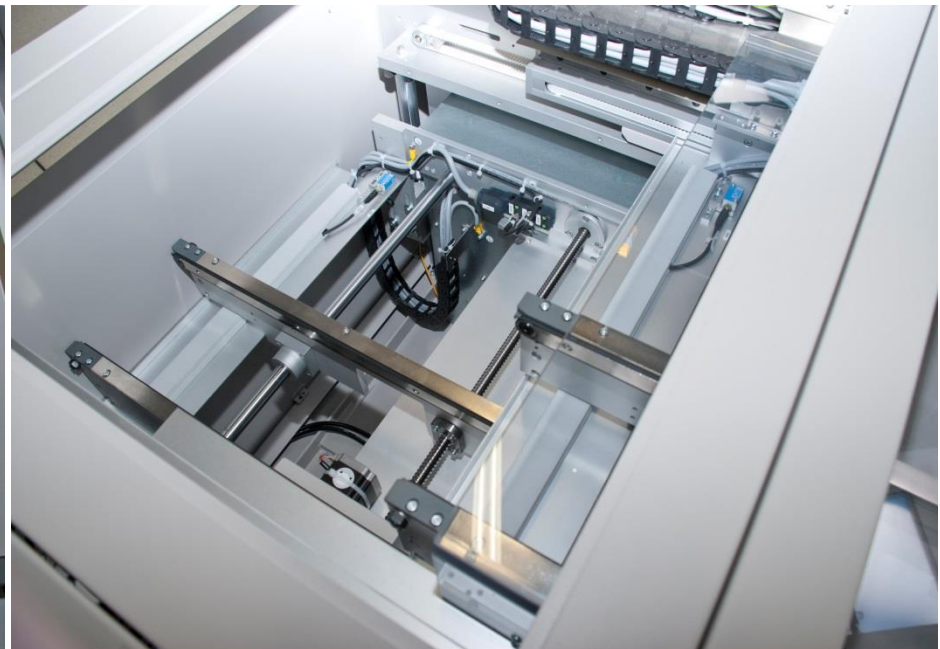
## Frame

- › Robust steel tube frame
- › Complete ESD powder coating



## Mechanic

- › Mechanic built from anodized aluminium
- › High quality and long lasting mechanical components

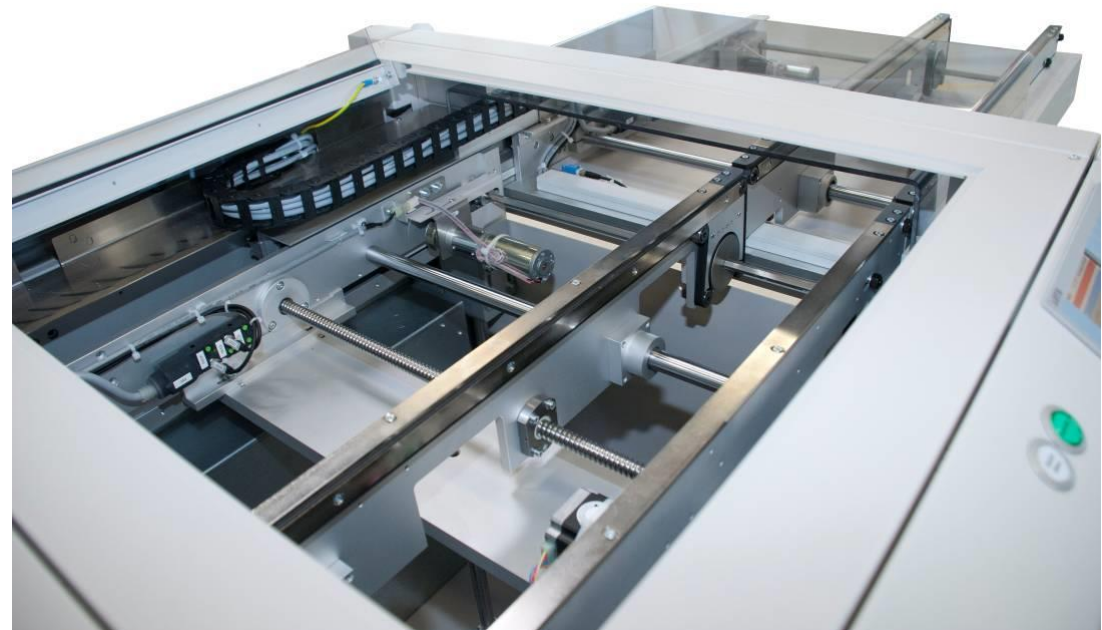


## Conveyor

- › 24V DC- drive motor
- › ESD compliant transport belt
- › Tool-free belt assembly

### Option:

- › Speed regulation for PCB handover to oven





## Width adjustment

- › Width adjustment by electrically driven spindles (Standard feature)
- › Automatic width adjustment by setting absolute position at the operator panel (Option)



Electrical width adjustment (Standard)



Automatic width adjustment (Option)

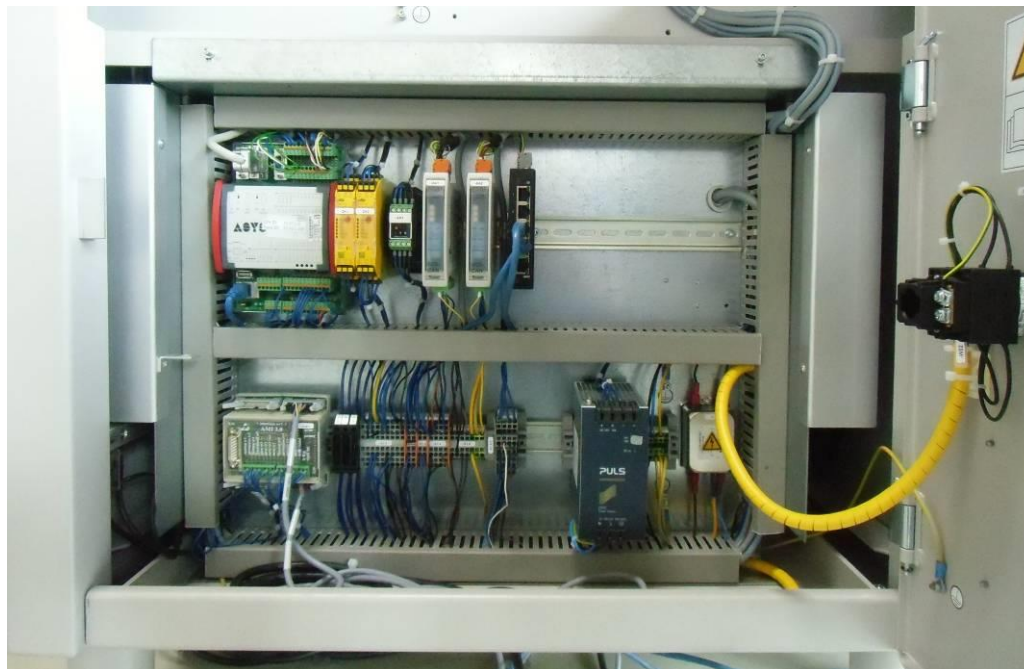
## Telescope

- › Stepper motor with force limiter and position monitoring; controlled by CAN-Bus system
- › Passageway adjustable (at NO mode only)
- › ESD covers
- › Security light grid with lined up reflecting light barriers in the distance of 30 mm for the supervision of the passage



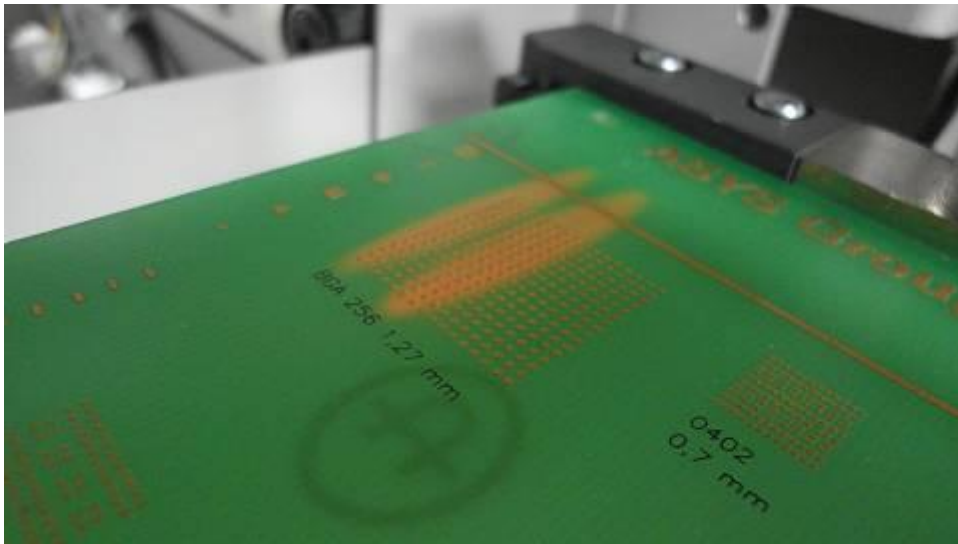
## Electric

- › Control cabinet door with double-bit lock
- › Main switch on machine backside can be used also as emergency stop
- › Emergency stop buttons on front and back side



## Sensing

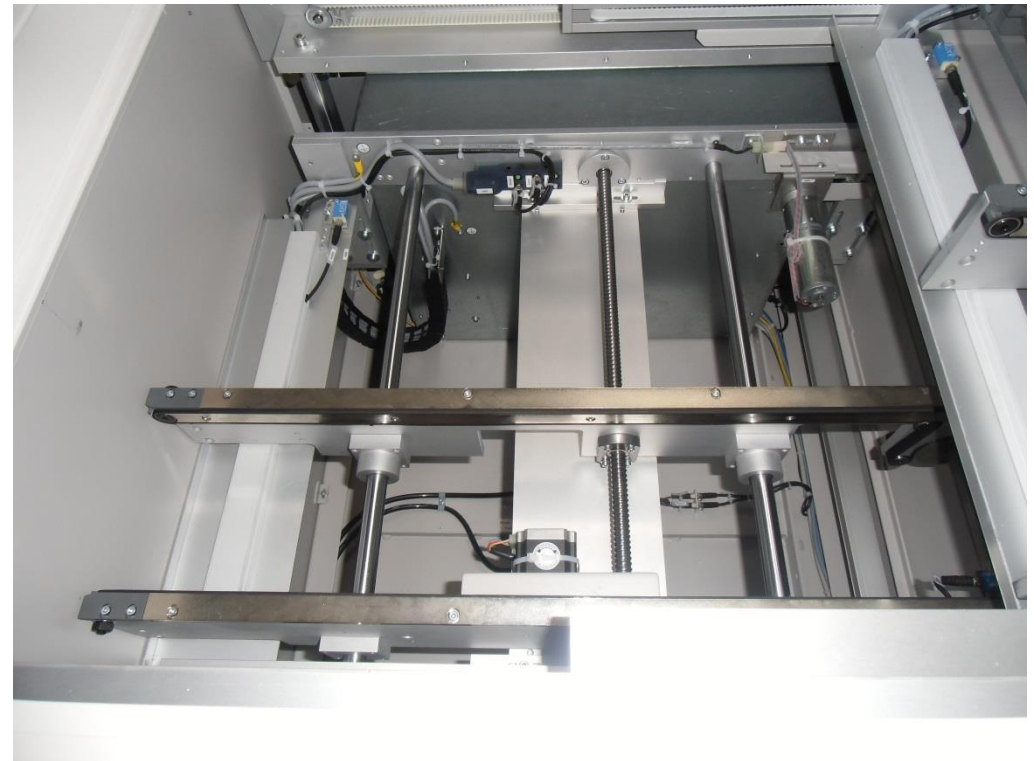
- › High quality, multi beam light sensors for reliable recognition of PCBs with cut-outs.



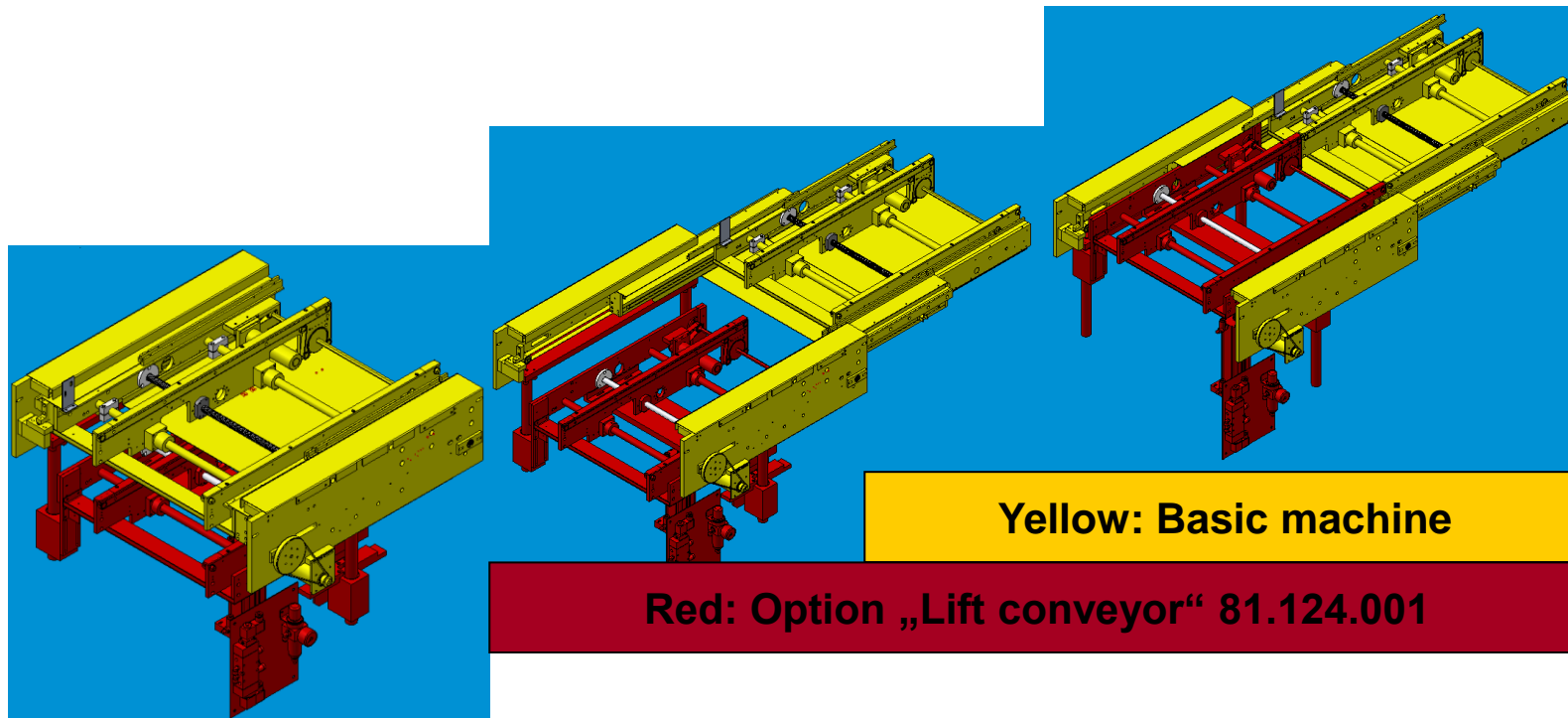
PCB detection

## Option: Lift conveyor

- › Additional lift conveyor to close the gap at extended telescope
- › Operating mode NC/ NO
- › Operating mode NC; Cycle time < 6sec.



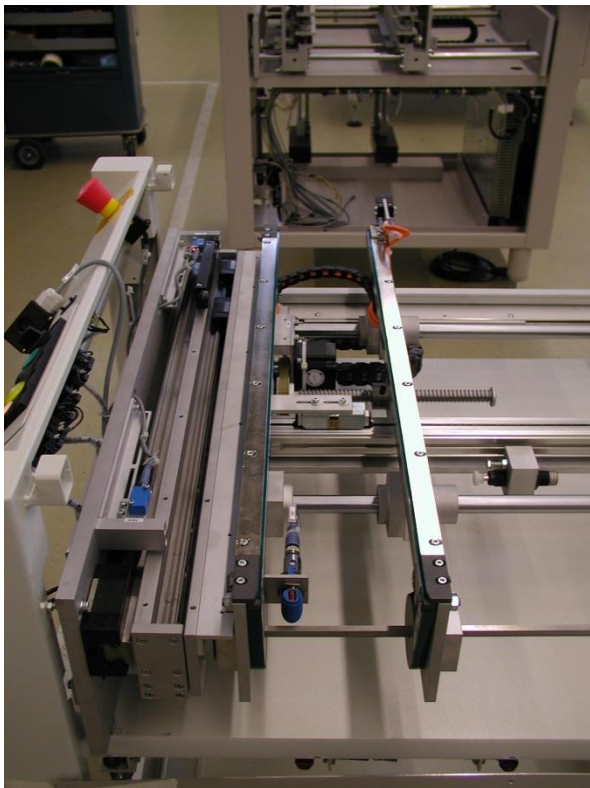
## Detail Lift conveyor



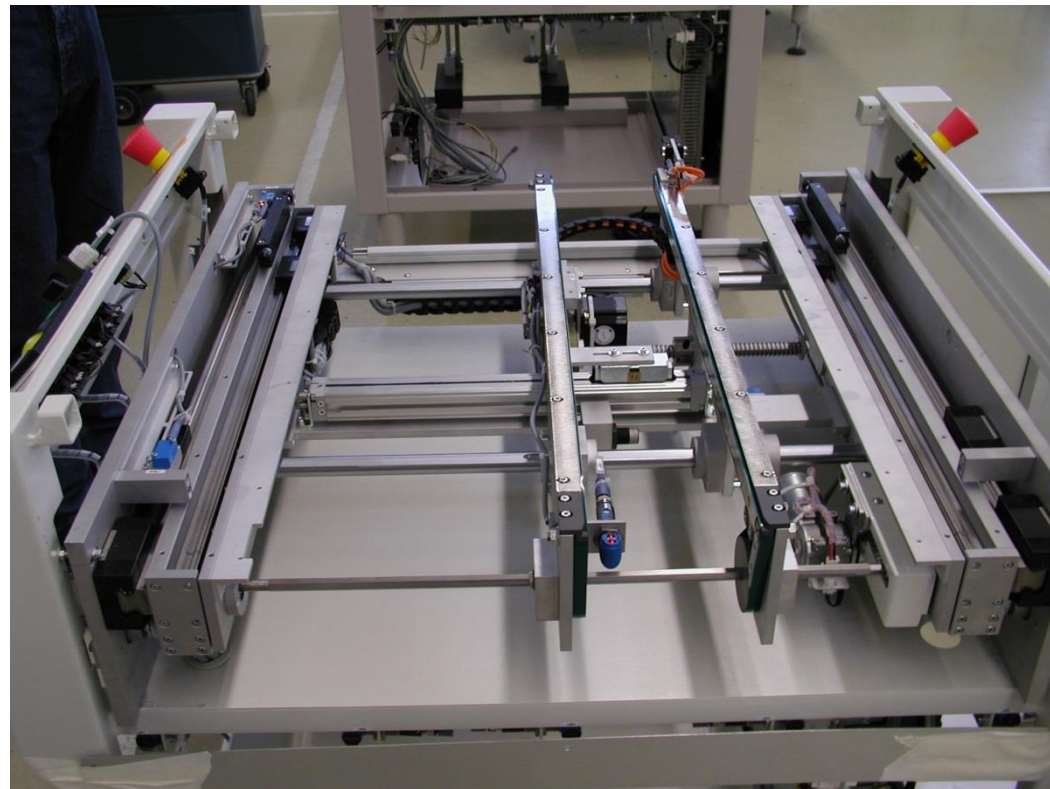
## Option: Shuttle

- › Integrated pneumatic shuttle for dual lane operation

position 1

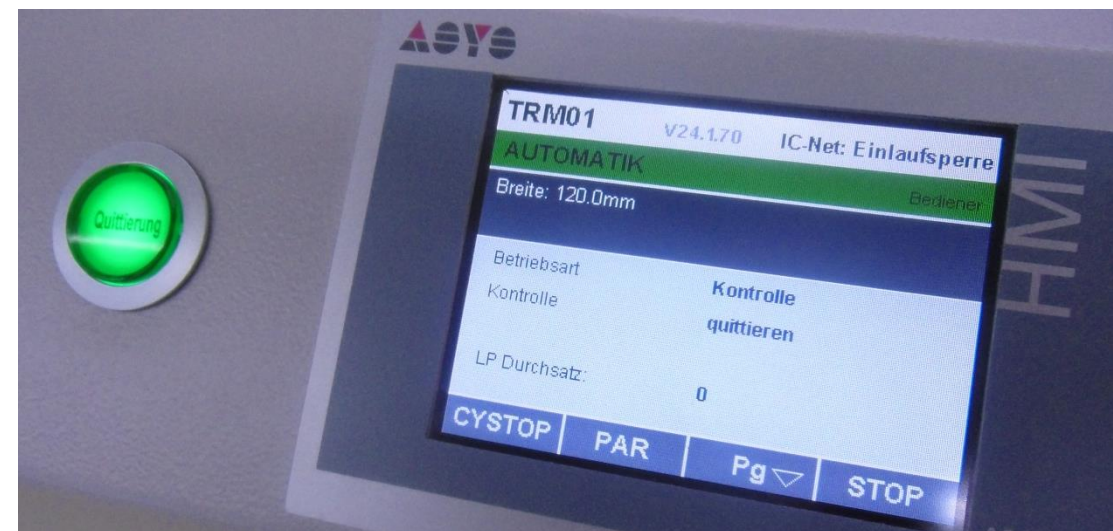
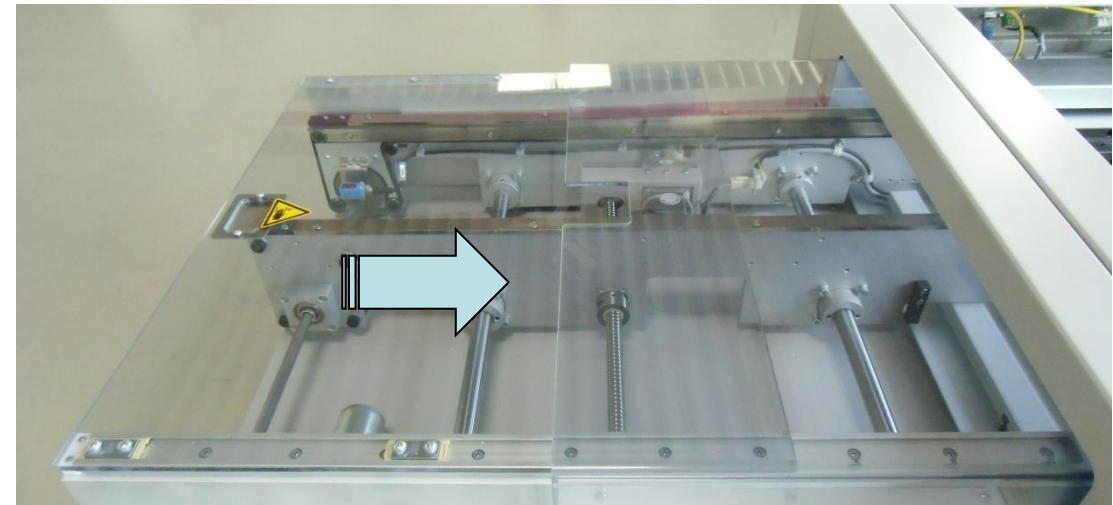


position 2



## Option: Inspection function with sliding cover

- › Adjustable counter for visual PCB inspection
- › Inclusive sliding cover for access to the PCB and
- › Confirm button





## Option: Wireless PCB interface

- › Wireless transmission of SMEMA- signals via additional sensors
- › No cables on the floor
- › No complex wiring
- › Also possible for error loop signal and Siemens interface

