



EQUIPMENT AND TECHNICAL DATA

Module sizes:

- 1300 x 950 mm up to 2000 x 1100 mm

Test standards:

- IEC (DIN EN)-61646
- IEC (DIN EN)-61215
- UL1703
- EN 61730-2

GROUND BOND TEST

It is tested if electrical conductivity is given between all frame components. Measured values should be as low as possible. The protection conductor is tested by using the four-wire technique with effective test currents between 5 and 30 A/AC.

- Test range of the measurement equipment: between 1-500 mOhm.
- Measurement error: \pm (2,5% v.A. +10 mOhm).
- The measurement rise time is adjustable between 1-999s. With this special feature multiple measurements are possible.

INSULATING RESISTANCE TEST (INSULATION TEST IN MEGA OHM)

In order to test the insulation between module and frame one contact unit is used.

- Measurement optional 500V or 1000V
- The reference value for module sizes $< 0,1\text{m}^2$ is 40 MOhm/m²

HIPOT TEST (HIGH VOLTAGE TEST)

In order to test the possible leakage flow, one contact unit is used.

- A value of 50 μ A should not be exceeded
- Measurement is possible up to 6000 V/DC

5 REASONS FOR THE MINITEC HIPOT

- CUSTOMER-SPECIFIC SOLUTION
- HIGHLY AUTOMATED
- CONTACTING OF J-BOX POSSIBLE
- DATA TRACKING
- AUTOMATIC SWITCHING BETWEEN HIPOT AND PERFORMANCE MEASUREMENT

MINITEC LOCATIONS

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MINITEC PRODUCT LINE

PROFILE SYSTEM



CONVEYORS



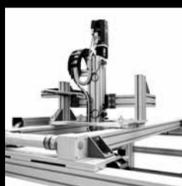
WORKPLACE SYSTEMS



MACHINE PROTECTION



TURN-KEY SOLUTIONS



LINEAR SYSTEM

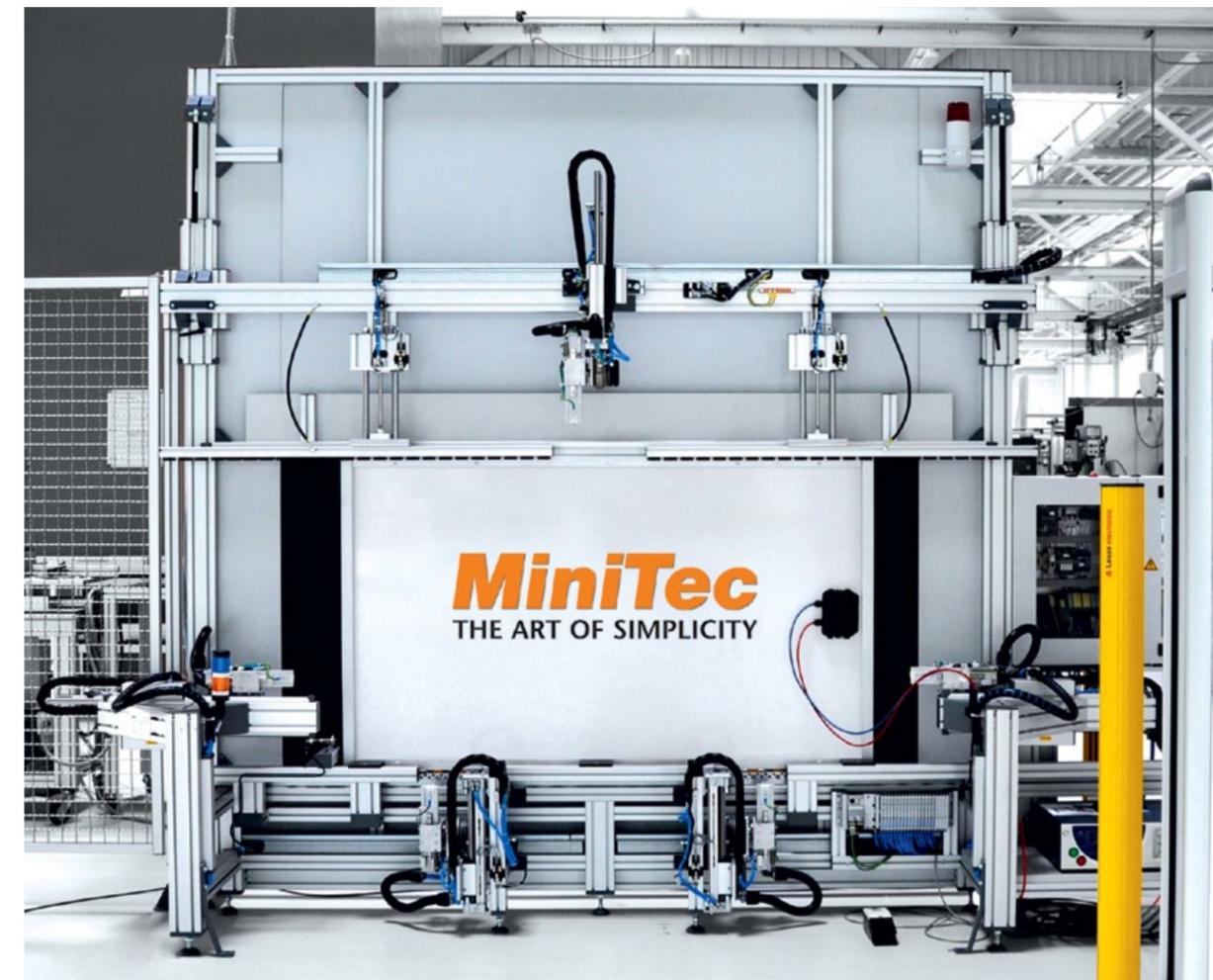


YouTube

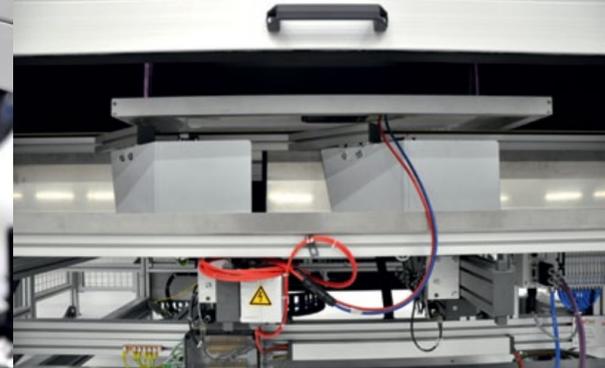
You can find us on YouTube.

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MiniTec
THE ART OF SIMPLICITY

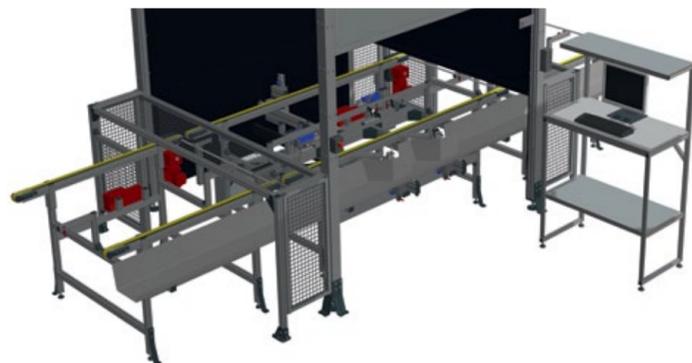


HIPOT TEST



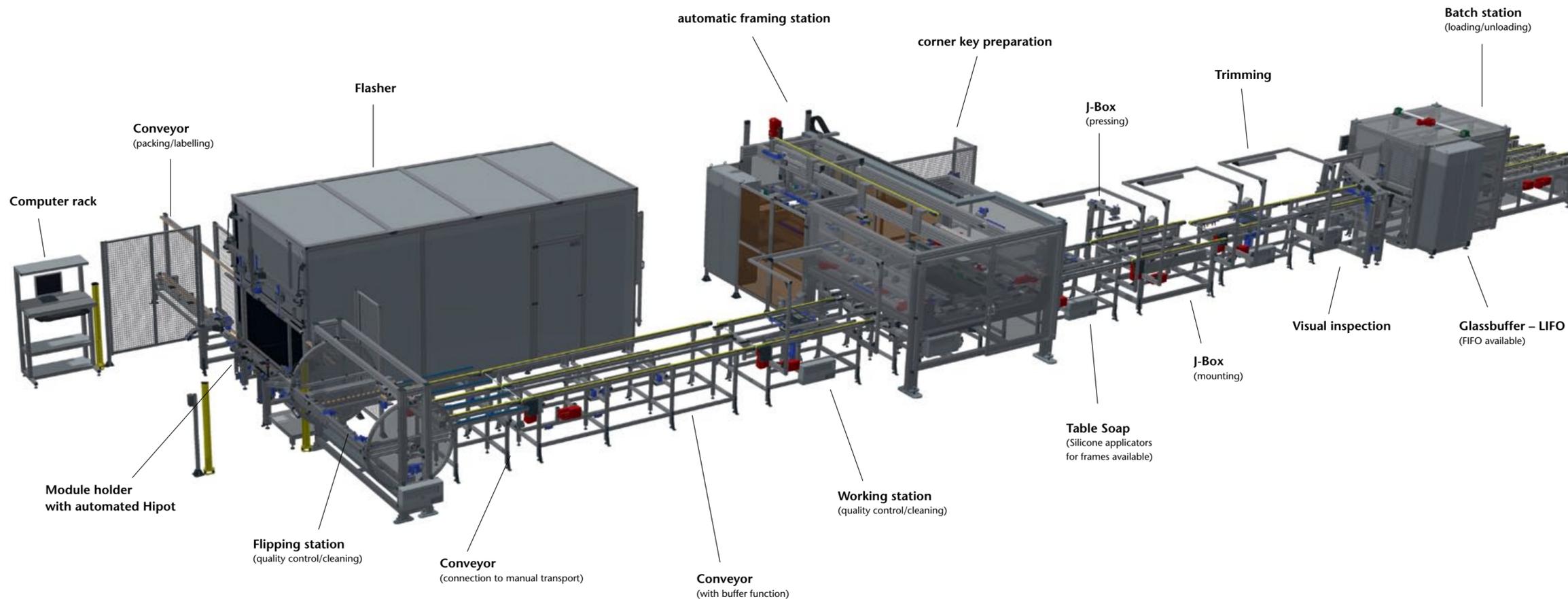
HIPOT INTEGRATION UNDER THE FLASHER TOWER

- Five contact units for automatic frame contacting
- All contact units can be adjusted manually by the MiniTec linear units LR12
- Safety enclosures with safety doors included
- The measurement unit and the complete safety system are included
- Also suitable for later integration



HIPOT INTEGRATION IN FRONT OF THE FLASHER TOWER

- Five contact units for automatic frame contacting
- Contact units are retracted in the loading and unloading position approx. 250 mm compared to the work position
- Contact units are moved into the work position pneumatically
- Contacting is done via pneumatic rotation, linear motion and the use of a measurement pin
- Contact units are adjustable via MiniTec Linearsystem LR12 to all defined module formats
- Measurement equipment as well as entire safety equipment (e.g. safety fence and safety light barrier) are included



WE BUILT YOUR HIPOT

WE BUILT YOUR LINES

WE BUILT YOUR WORKING STATIONS