

COATING ROLLERS

AUTOMATIC CONVEYOR BELT MODEL

High customisation capacity

OPTIONAL SYSTEMS

CUSTOM CONFIGURATION OF CONVEYOR BELTS

The conveyor belts can be configured to the requirements of the customer's production process.



SAFETY

Incorporation of safety barriers, programmable alarms and additional structural protections.



TRACEABILITY

Incorporation of remote control systems, QR code reading or similar.



CUSTOMIZABLE

Meler configures the rollers according to customer requirements to offer turnkey solutions and guarantee maximum productivity.



MAIN APPLICATIONS

AUTOMOTIVE



SPECIALISTS IN THE APPLICATION OF HOT MELT IN
AUTOMOTIVE INTERIOR FABRICS
*More than 40 years designing and developing complete systems
for the assembly of components and textile coatings for the
automotive industry.*



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COATING ROLLERS

AUTOMATIC CONVEYOR BELT MODEL

Professional lamination of
reactive and non-reactive
hotmelt adhesives.



COATING ROLLERS

AUTOMATIC CONVEYOR BELT MODEL

Professional lamination of reactive and non-reactive hotmelt adhesives

We are specialists in the manufacture of coating rollers for the **application of industrial adhesives** on fabrics and other materials for the automotive industry. We are a **recognised supplier to TIER1** thanks to our specialisation in the application of **PUR hotmelt adhesives**.

ADVANTAGES

FLEXIBLE CONFIGURATION

- Available widths:: **410, 610, 810, 1010 and 1210 mm** (other sizes on request).
- **100% lamination** of the material.
- **Customization** of the conveyors.

ENERGY AND THERMAL EFFICIENCY

- **Independent temperature controls** of the tank, scrapers and application roller.
- **Homogeneous temperature distribution** to guarantee the quality of the application.

USABILITY AND CONTROL

- **Touch control panel:**
 - **Automatic programming** and start-up according to schedule.
 - **Independent speed control** for each roller 0 to 10 m/min..
 - Multiple languages.
 - **Different level access** for each user
- Multiple **operating modes** for product optimization.
- **Seamless integration** into remote-controlled automated lines (MODBUS RTU, PROFIBUS, PROFINET, ETHERNET, ETHER-CAT).

TECHNICAL FEATURES



TANK

- Stand-alone operation as main melter or fed by an external pre-melter.
- **Ergonomic design** for easy opening/closing operation.
- Perfect **adhesive treatment**:
 - PTFE coated surface
 - Level detectors for external adhesive feed control
- Specific design for working with **reactive adhesives**:
 - Lid with airtight seal
 - Dry air injection system



FINE GAP ADJUSTMENT

- The distance between the application roller and the pressure roller can be adjusted manually by means of a handwheel (0-50 mm) or automatically*.

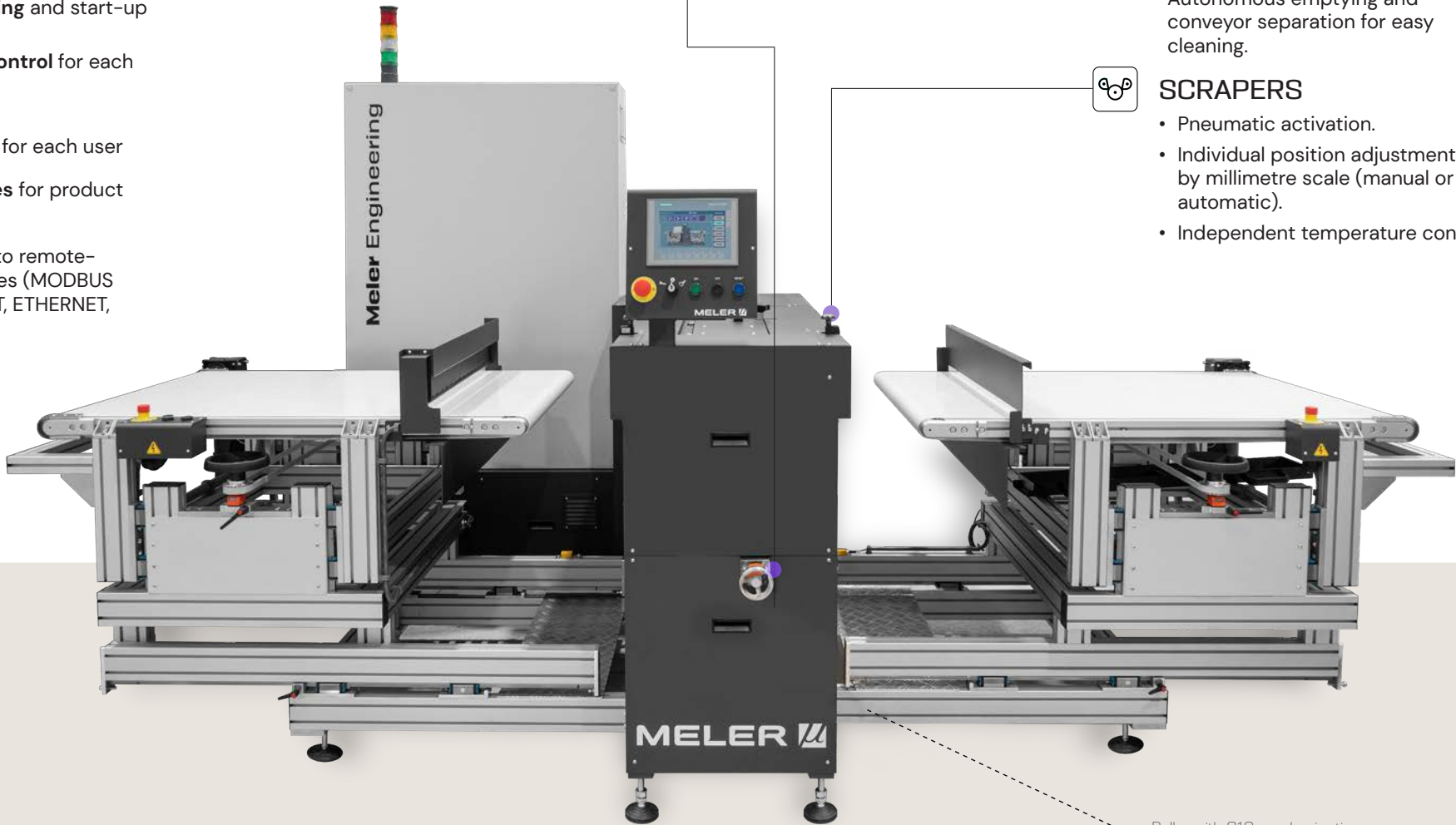
EASY-CLEAN DESIGN AND SAFETY

- **Safety:** cool-touch materials protect the user against burns.
- **Total access:** 100% accessible modular design.
- **Reactive adhesives:** specifically designed for working with reactive adhesives.
- **Process improvement:** Autonomous emptying and conveyor separation for easy cleaning.



SCRAPERS

- Pneumatic activation.
- Individual position adjustment by millimetre scale (manual or automatic).
- Independent temperature control.



Roller with 610 mm laminating width for PUR adhesives.

HIGH MELTING

Meler can supply pre-melters according to the needs of each user..



MICRON+ PUR MC



PS20 NS+



MICRON+ DRUM



MICRON+ TITAN PUR

additional system



Easy-clean
CONCEPT



CONTINUOUS
PRODUCTION



TOTAL
ACCESS



INCREASE THE
QUALITY OF
YOUR RESULTS



ALLOWS USE
OF SPECIAL
ADHESIVES



WIDE VARIETY OF
COMMUNICATION
PROTOCOLS



(*) consult optional systems