Roller coater for thermoplastic hot-melt adhesives and PUR/POR adhesives

Independent temperature control for each element
Focke Meler has created the Coating Roller series for thermoplastic hot melt adhesives and PUR / POR adhesives. Its design is perfectly suited to any application.

These equipments are characterized by:

- The application roller is made of tempered steel and its coating is suitable for textiles and non-woven materials.
- The PTFE coated tempered steel scrapers are individually adjustable in position and temperature.
- The scrapers and pressure roller are pneumatically operated and millimetric-scale adjusted.
- The gap between application roller and pressure roller is adjusted by a counter wheel (0 - 50 mm).
- The tank is coated with PTFE and incorporates an airtight tank lid that keeps the adhesive in optimal working conditions.
- The external adhesive supply is controlled by a low-level detector.
- The work tables can be manual or automatic conveyor tables.

**ADVANTAGES**

- Robust steel base frame and vibration free construction.
- The application roller is protected with dry air container for small production stops.
- The application roller and scrapers have each individual temperature controls.
- The scrapers are covered with PTFE for easy cleaning.
- The output roller facilitates the removal of the coated product.
- A cleaning tray is included for draining the tank.
- The automatic conveyor tables feature a reverse function.
CONTROL PANEL

- The melter’s easy, user-friendly control panel facilitates the day to day work of the operator.
- Timer for automatic heating connection with daily and weekly programs.
- Speed control for each roller independently from 0 to 10 meters per minute. Digital speed displaying.
- Independent temperature control for each element: application roller, each scraper and heated tank.
- Different operating modes: production, parameter setting, cleaning, automatic conveyor table reverse motion, etc.

COMPLETE COATING ROLLER SYSTEM

Focke Meler can supply a complete system composed by:

1. Premelter
2. Coating roller
3. Input table
4. Output table
5. Base frame