

USER-DRIVEN PRODUCT INNOVATION AND ENGINEERING

NON STOP+ DRUM UNLOADER MELTER

| PS 20⁺
Non Stop

CONNECTIVITY
EFFICIENCY
MODULAR DESIGN
SAFETY



NON STOP⁺ DRUM UNLOADER MELTER

For de 20 kg **PUR adhesive blocks**. Melter designed for the most demanding production environments, such as the automotive sector, wood or other special applications.

MAIN FE

CONNECTIVITY AND HIGH PERFORMANCE

The new Meler electronic platform offers total integration of the melter into automated production lines. As a result, it increases the overall traceability of the production process and improves the quality of the end product.

- Integration on main interface by **remote control**
- **REAL-TIME data monitoring:** melter and pump parameters, temperature control, etc.
- Intuitive **touch screen** control panel
- **Several profiles** according to user
- Multiple **communication protocols** (MODBUS RTU, PROFIBUS, PROFINET, ETHERNET IP)



EFFICIENCY AND TECHNICAL RELIABILITY

The new PS20 NS+ offers optimised melting capacity, reducing energy consumption to a minimum.

- **Continuous** block production of **PUR, reactive polyolefin and non-reactive** adhesives
- **MELT-ON-DEMAND** feature: smart melting for adhesive care
- **NON-STOP** system to avoid unwanted machine stops
- **Leak tight design** of melter assembly and cover
- **Minimum** energy consumption



SAFETY GUARANTEE

The new design, based on user experience, guarantees optimum safety.

- Incorporation of **protective parts**
- User **autonomy**
- **Casing design** that simplifies assembly
- **Real-time display** of the overall status of equipment



FLEXIBLE SETTINGS

- Improved compatibility
- Up to 6 electrical channels
- Wide range of gear pumps (single/double)
- Customisable application modes via inhibition groups



Its new features are centred on connectivity, modularity, safety and user experience improvements.

FEATURES

MODULAR DESIGN

The modular design is synonymous with technical efficiency. The components, assembly and materials are especially designed with **EASY-CLEAN technology** to guarantee the **user efficient cleaning** and **optimum maintenance**. It allows simultaneous maintenance and continuous production. It **reduces equipment assembly times and maintenance costs**.

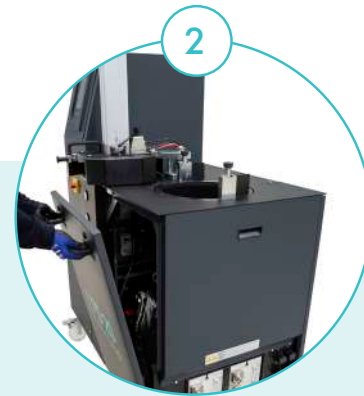


EASY-CLEAN
Technology



TOTAL ACCESSIBILITY
to the interior equipment

MODULAR DESIGN



meler 
GLUING SOLUTIONS

OPTIONS

- Integration with the **RTFC system**
- External temperature control
- Other functions on request

NEW FEATURES

- **Maximum aperture** of melter assembly (120°)
- Non-stick surfaces
- **Removable elements:** distributor and grill (Plug&Play)
- **Versatility of casing** with hinged, removable doors permitting the clean-in-place process
- Excellent **user experience**

KEY ASPECTS



CONNECTIVITY



MODULAR DESIGN



EFFICIENCY



SAFETY

DIMENSIONS



TECHNICAL FEATURES

Main tank volume	Ø286 x 395 mm (20 kg blocks)	
Melting reservoir tank volume	3.5L (used) / 6.5L (max.)	
Pumping capacity (*)	1, 2.5, 4, 8 and 15 cc/rev single pump 2x0.93, 2x1.86, 2x3.71 and 2x4.8 cc/rev double pump	
Melting rate (*)	Up to 18 kg/h	
Number of pumps	Up to 2 single pumps or 2 double pumps	
Number of hydraulic outputs	2 per pump	
Number of electrical outputs	2, 4 or 6 outputs (standard version)	
Motor power	0.375 kW/ 0.55kW (with 15cc/rev pump)	
Speed	10-80 rpm (range 0-100 rpm)	
Temperature range	From 0°C to 200°C	
Temperature control	RTD ±0,5°C (Pt100, Ni120 or NTC)	
Maximum power pressure	80 bar	
By- pass valve	Pneumatic or mechanical	
Maximum power supply	1 single pump/ 2 outputs → 4.5kW/ per phase 2 single pumps/ 4 outputs → 6.4kW/ per phase	
External functions	Input	Motor start/stop external signal, standby external control, activity control, on/off pumping signal, motor speed external control, on/off communications, electrical inhibition inlets.
	Outputs	Temperatures ok output, Finished block signal, Reservoir low level signal, Standby external control input, Motor start/stop external signal, Motor speed external control.
Electrical requirements	3N ~ 400V 50/60 Hz + PE (please consult on other voltages)	
Options	Pneumatic by-pass valve pressure control system, communication protocols (Modbus RTU, Profinet, Ethernet IP, Profibus), flow control system, temperature adjusts according to ambient air temperature.	

(*) According to adhesive type and working conditions.