

YOUR GLUING
SOLUTIONS PARTNER

MELER 

MICRON+ DUPLA

HIGHER DELIVERY,
MORE VERSATILITY



MICRON
by meler

PISTON PUMP SERIES

MICRON+ DUPLA

HIGHER FLOW, MORE VERSATILITY

Designed to increase the performance of hot melt applications thanks to its pumping rate (100 kg/h per pump) and to a large tank capacity (45L / 12gal).

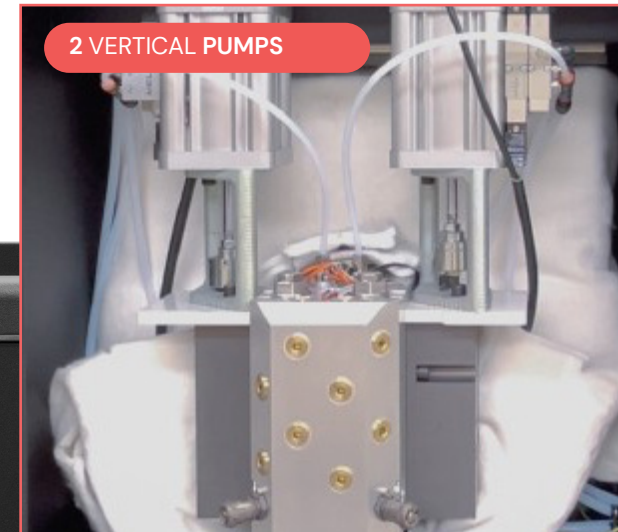
MICRON+ TECHNOLOGY

THE BEST CONNECTIVITY ON THE MARKET

- Lower energy consumption
- Electronic platform with touchscreen
- Real-time data monitoring
- Other Micron+ platform functionalities

ENHANCED USABILITY

- Universal interface (symbols)
- Speed of performance
- Ease of learning and lower training
- Low error rate
- Better user experience (UX)



MICRON+ DUPLA

MELER 

ACCESSIBILITY AND CLEANLINESS

A NEW CONCEPT TO KEEP YOUR PRODUCTION RUNNING

- Easy pump removal and efficient cleaning due to Easy-Clean concept
- Easy maintenance thanks to an easy accessibility of pumps

HIGH DELIVERY

INCREASES THE PRODUCTIVE CAPACITY OF YOUR COMPANY

- Up to 8 outputs to meet all industry requirements
- 2 piston pumps of 19 CC/stroke
- Larger tank capacity (45L / 12gal) for greater working autonomy
- Depressurization valve for safe maintenance operations
- Compensation valve

MICRON + DUPLA is one of the largest tank unit with piston pump on the market !

VERSATILITY OVER EVERYTHING

READY TO INCREASE YOUR PROCESSES

- Provided with **two circuits** that can operate independently
- Capable of feeding several machine points
- **Versatile equipment** that allows working with a **common or separate flow rate** with a simple manipulation.



A. Independent flowrate

Circuit 1 → 100 KG/H
Circuit 2 → 100 KG/H

B. Common flowrate

Circuit 1 →
Circuit 2 → 200 KG/H



TWO PISTON PUMPS READY TO OFFER THE BEST PERFORMANCE OF THE MARKET

DISCOVER IT NOW !

MAIN APPLICATIONS:



BENEFITS:



Easy-clean
CONCEPT



VERSATILITY
ENHANCES
PRODUCTIVITY



MAXIMUM
ACCESSIBILITY

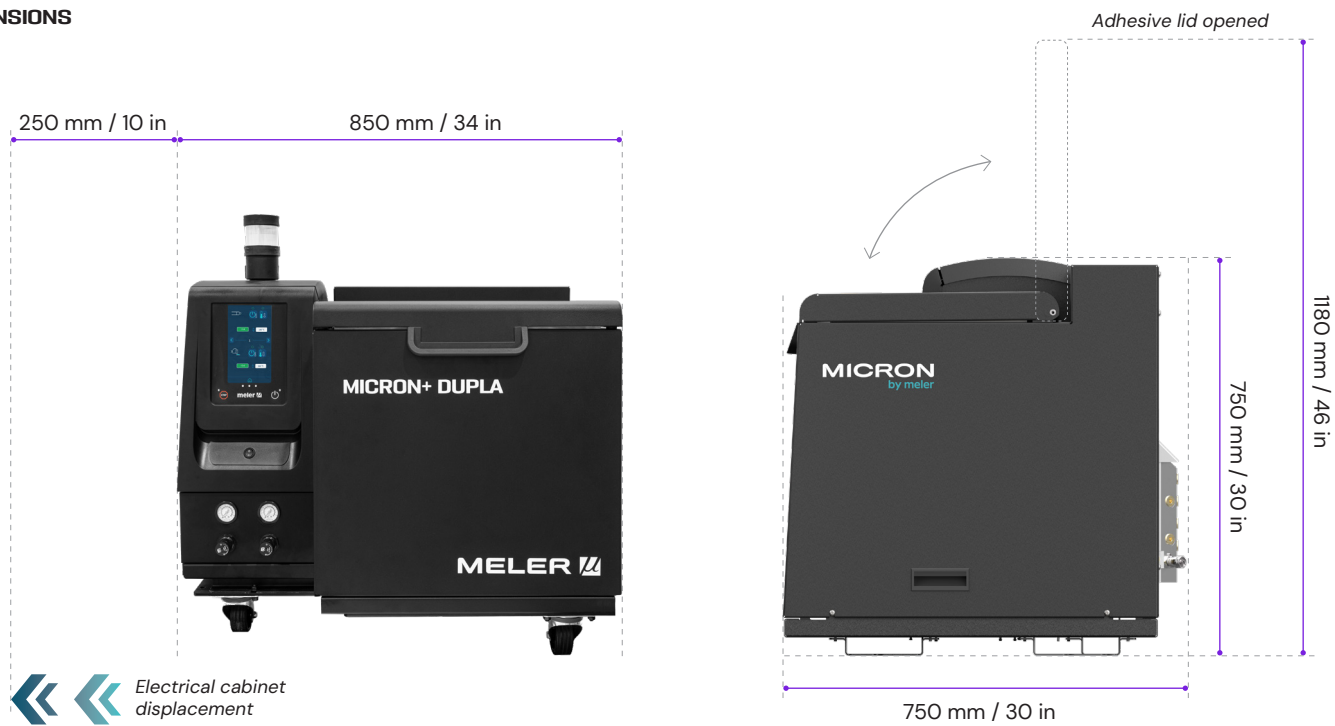


EASY
MAINTENANCE



PRODUCTIVE
SPACE
OPTIMIZATION

DIMENSIONS



TECHNICAL SPECIFICATIONS

Tank Capacity *	45 L / 12 gal
Pumping rate	100 kg/h per pump. 2 pumps of 19 CC/stroke.
Number of electrical outputs	Up to 8
Number of hydraulic outputs	8 (thread of 9/16)
Temperature control	Pt 100 / Ni 120 / NTC RTD $\pm 0,5^{\circ}\text{C}$ ($\pm 1^{\circ}\text{F}$)
Max. working pressure (at 6 bar)	81.6 bar (1183 psi)
Power per output **	1800 W / Alarm
Electrical requirements	3 ~ N/PE 400V/50/60 Hz 3 ~ PE 230V/50/60 Hz
External functions	Temperature OK output. Standby. External output inhibition control.
Dimensions (LxAxH)	840 x 625 x 625 mm / 34 x 25 x 25 in
Weight	125 kg / 276 lb (without automatic adhesive feeder)
Optional systems	Light tower, 6 or 8 electrical outputs, granulate feeder or capacitive detector.

(*) Depending on the type of adhesive and working conditions.
(**) Depending on the input voltage.

CERTIFICATIONS

