

# ECOSTAR

Nordson OneMelt Automatic with control systems by Mahisa for industrial hot-melt adhesive dispensing.

A turn-key solution engineered for compact product lines and trouble-free operation.





# How it works?



System  
liquefies  
solid-form  
hot-melt  
adhesive.

On activation,  
glue is pumped  
through the  
hoses to the  
gun

Dispense  
adhesive  
through  
nozzle.

Apply on  
desired  
surface.

Pack.  
Stick.  
Seal.



# OneMelt



The OneMelt systems are turn-key solutions engineered to enhance your production output and efficiency. The systems' calculated design utilizes proven technology and simple controls to ensure powerful, trouble-free operation.

OneMelt systems are available in two configurations, which provide the flexibility of manual operation through the use of a handgun or automatic operation through the use of two automatic applicators.

## FEATURES

- Simple controls to ensure easy operation.
- Small platform that allows for an easy integration into existing processes.

## BENEFITS

- Increases up-time and efficiency by automating your production line.
- Increases product quality and performance.



# Value Addition

1

**Custom stand** for the table-top system constructed from aluminium extruded sections. Includes mounting for the guns. Guides/rollers for accurate glue dispensing available as option.

2

Glue dispensing activation/control using **foot-operated switch, sensor or PLC program**. In-built batch and master counter.

3

**Integrated pattern control** – dispense glue in different patterns (dots, lines, broken lines) with precise control.

4

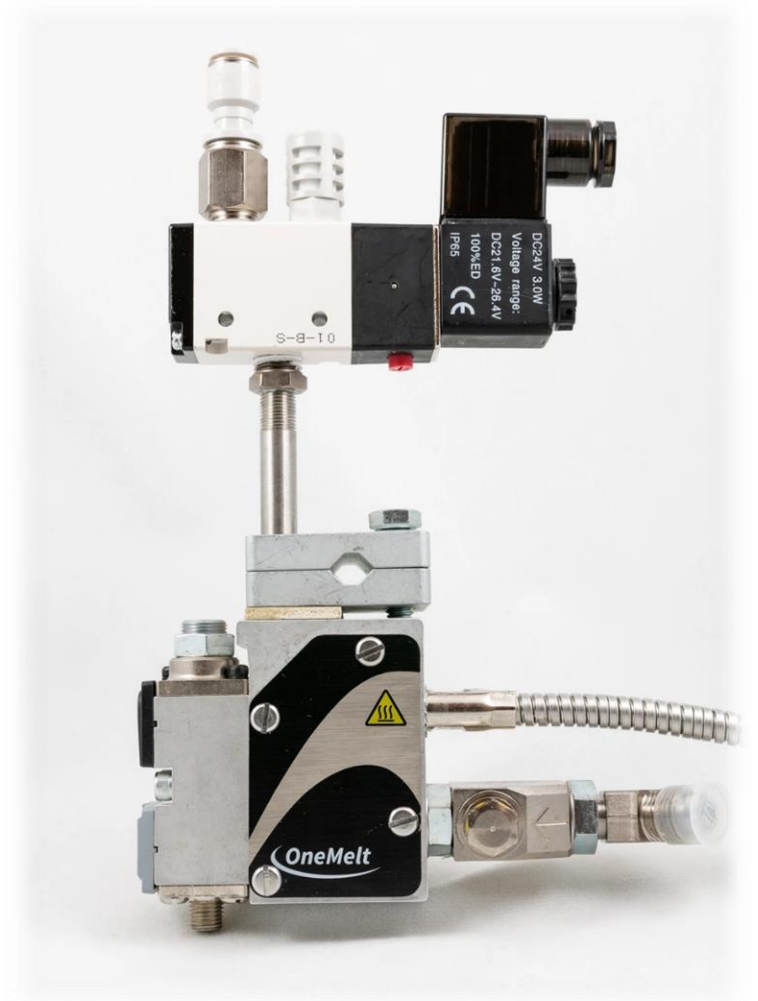
**Non-stick coated trays** with each gun.

5

**Air filter and regulator** for air supply control.

6

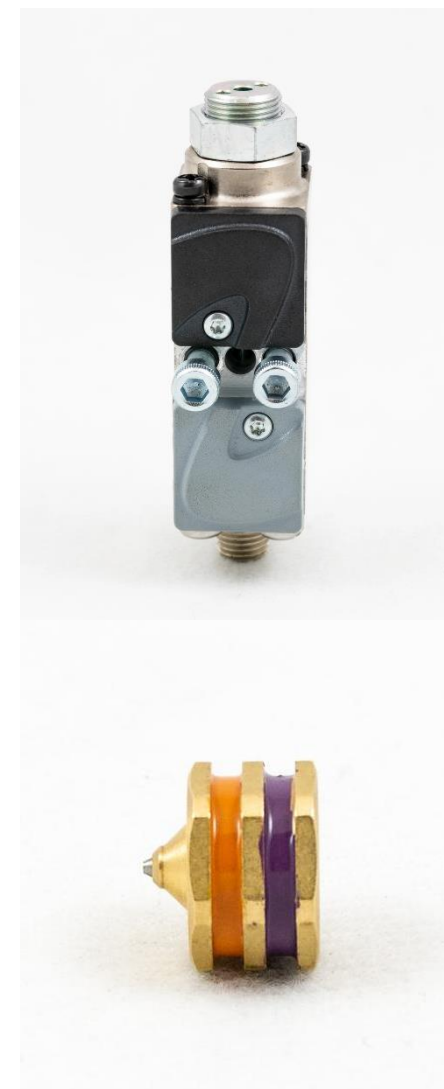
**Buzzer notification** after every set number of counts/cycles available as option. **Time switch** with scheduled auto start/stop available as option.





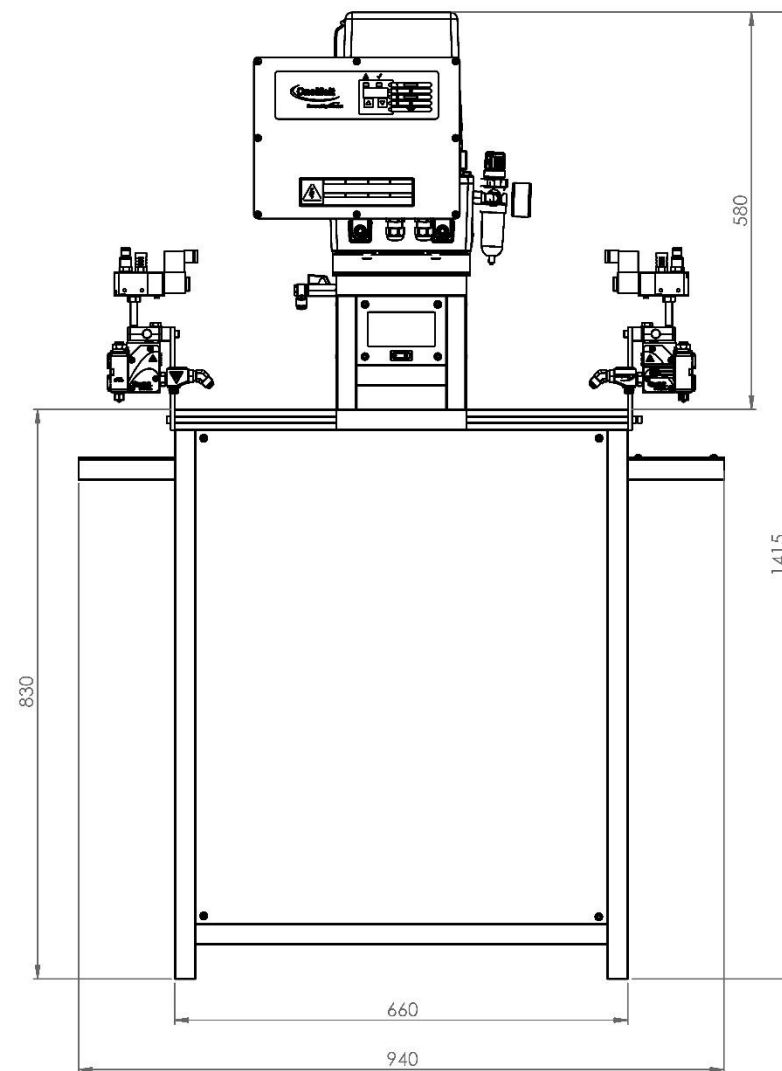
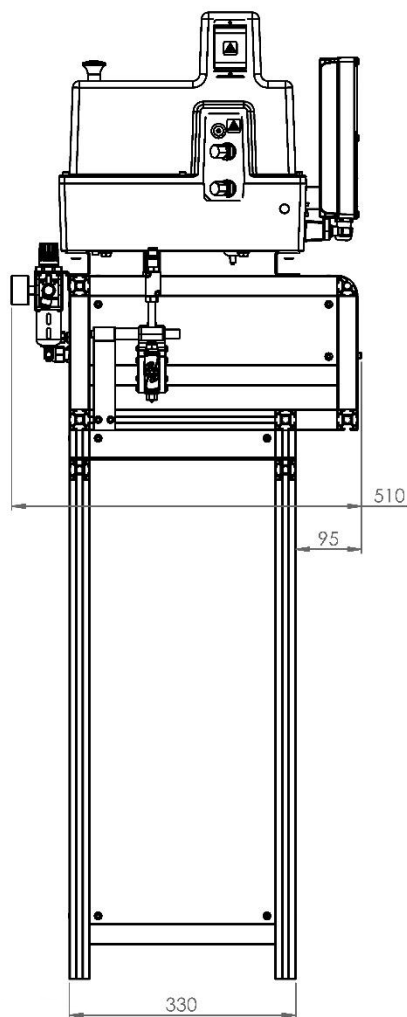
# Technical Specifications

Machine Make	OneMelt Automatic: Nordson Controls: Mahisa
Features	PLC with built in HMI Foot-switch or sensor operated
Electrical Service	230-240 VAC, 1 phase, 50 Hz
Output Capability	2 hose/applicator pairs
Melt Rate	1 kg/hr
Tank Capacity (Volume)	2 L
Air pressure while running	0.7 – 6.9 bar
Viscosity range	800 – 10,000 cps
Control temperature Range	110 – 190 °C



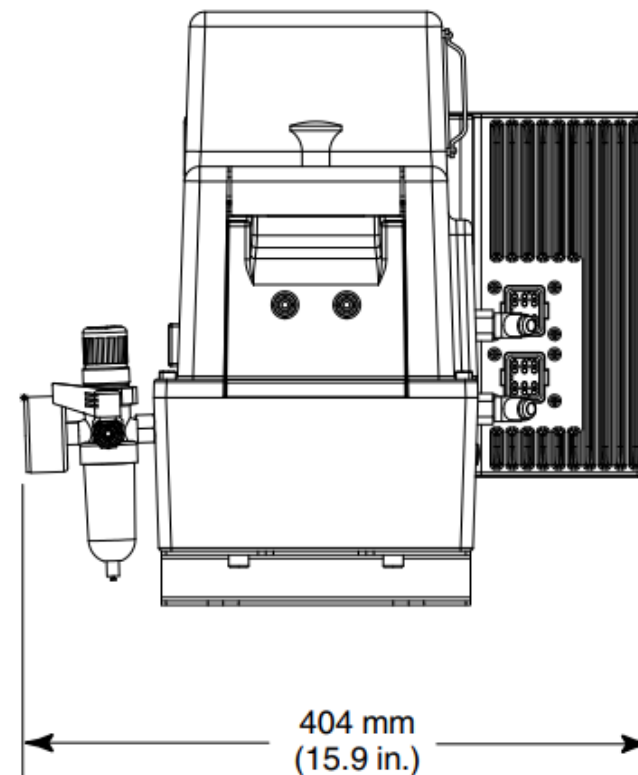
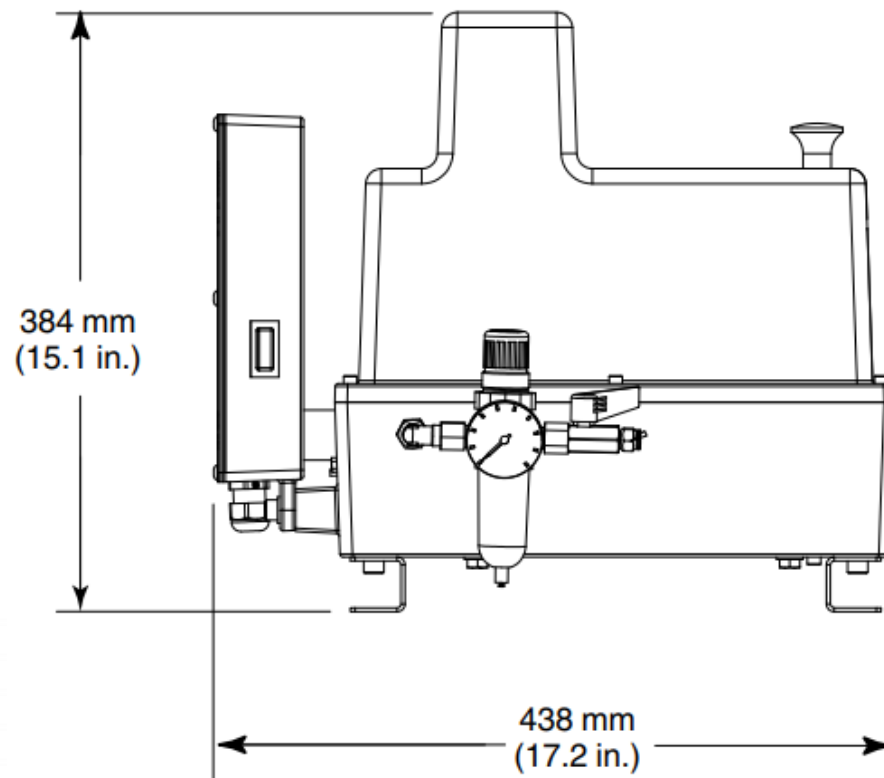


# Dimensions: EcoStar





# Dimensions: OneMelt





# Contact Us

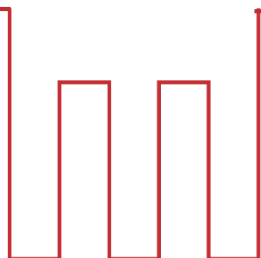
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