

# DISPENSER



MANUAL  
AND AUTOMATIC

POLYURETHANE  
ADHESIVES  
SYSTEMS



**EURO**  
POLIURETANI

# DISPENSER MANUAL

The **DISPENSER** of polyurethane adhesives has been created for the drawing up of the mono component and bi-component polyurethane adhesive, which using a dispenser, allows to apply the adhesive in a manual and easy way upon your panels/artifacts.

The polyurethane adhesive is a compound able to strongly merge different materials like wood, metal, glass, cement, fiberglass and plastic. Its effectiveness is based on the surface adhesion (adhesion phase) and the power of attraction that the adhesive molecules exerted between themselves (cohesion phase).

Its plain characteristics and the easy application, allow the use of the polyurethane adhesives in many industrial areas and in other sectors. The technical devices taken in the design and in the construction of the system, the particular attention paid to the choice of quality components and materials, make the system easy and fast to use, allowing also to minimize the maintenance related to the injection of this product.

## CHARACTERISTICS OF THE SYSTEM

It is a movable carriage where the following parts are applied: the pumping system that sends the fluid from the small barrel (available in 20 lt., 50 lt., 200 lt or 1000 lt) to the dispensing gun and a liquid spray (optional use) that serves to accelerate the catalyzation of the glue once applied to the panel. The pipe that connects the pump to the gun and the base where the glue barrel is positioned are both heated in order to allow diluting better the product if at cold temperatures and to increase the reaction of the adhesive. Also the replacement of the empty barrel takes place in a fast and simple way: it is sufficient to lift the cover with the diaphragm pump incorporated and apply it to the full barrel. In this way the system is ready to be used again. Once the job is over, the front of the dispenser is removed with a simple "click": it is this ease in disconnecting and replace the dispenser that makes simple to perform maintenance.



Dispenser M50



Adhesive application



Nebulizer



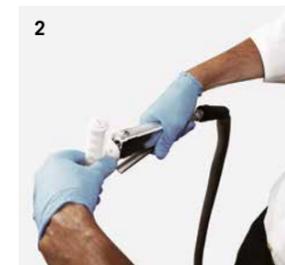
Positioning of materials to be glued



Product replacement



1 - 2 - 3 Manual dispenser replacement



# DISPENSER AUTOMATIC

Europoliuretani designs and manufactures also **automated systems** for the spreading of polyurethane glue (mono and bi-component) tailored to satisfy the customer requests and needs.

The operator has simply to place on the motorised roller surface the panels and the system will automatically read the length and width spreading the quantity of chemical required, thus avoiding material waste and allowing a rapid operation.

It is not required any default sequence for the support of the panels and the panels can have different measures one from the other.

## STANDARD OVERALL DIMENSIONS OF AUTOMATED PLAN

GENERAL FEATURES STANDARD AUTOMATED PLAN	MEASURES	MEASURE UNIT
Max panel length	3.000	mm
Max panel width	1.500	mm
Max height panel edge	100	mm
Work plan height	800	mm

Other measures on request

NEW



Example of robot for glue spreading on panels with or without edge



Automated dispenser



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