

# easyPUR and easyPUR Maxi

## GENERAL FEATURES \_ Technical

### information

### Nozzles and accessories



**EasyPUR** is a professional gluing system for the application of one component moisture curing polyurethane adhesives.

EasyPUR is a very clever and effective solution for the application of PUR adhesive, it offers the user a lot of advantages

- very quick to use
- very easy and quick to clean up
- accurate application of adhesive

This unique system is very cost effective when compared to other larger and more complicated machines to apply PUR adhesives. It is also far and more productive and cost effective when compared to PUR glue cartridge, costly and not practical if used in a production cycle.

#### **EasyPUR consists of:**

- Metal cart;
- PUR adhesive drum.
- Our standard drum has two openings, one for the suction pipe and a smaller one for the dry air.  
We use the Tri-Sure standard covers (see picture 1 below).
- Suction pipe with filter and foot valve;
- Hose with valve and CAM-Lock fitting;
- High-quality diaphragm pump *Santoprene* diaphragm.  
The quality level of the diaphragm pump is very imperative, especially with PUR adhesives for wood.  
The stall-prevention pneumatic system assures a safe, long-lasting pump running (next generation diaphragms with "long Life profile") and it does not need lubricated air.
- Pump pressure regulator;
- Silicagel air dryer filter (first filling provided);
- Hose - 3 m;
- Glue gun with universal pointed nozzle, on which all PIZZI nozzles are interchangeable;
- Side container for the glue gun (to be filled with the suitable solvent cleaner – cleaner is not provided).

100%  
MADE IN ITALY

there's a difference...



*easy*PUR



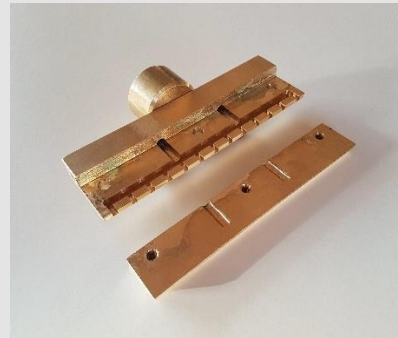
## easyPUR Maxi



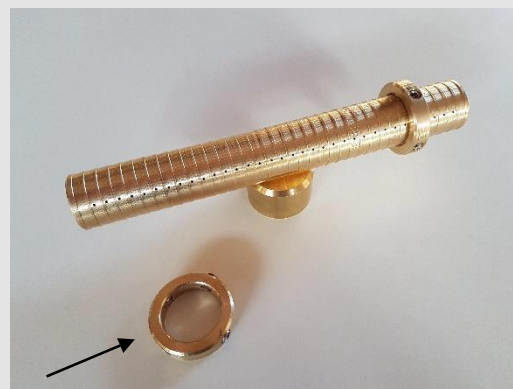
**PIZZI offer two types of nozzles to meet all customer requirements.**

**All our nozzles are made from brass as this is the recommend metal to use with PUR adhesives**

**Brass spatula nozzles for bead application, available widths 40, 65, 125, 150 and 180 mm.**



**Brass glue cylinder nozzles for full coverage application, available widths 40, 65, 120, 150 and 180 mm**



**Adjustable side guide in brass**

All PIZZI nozzles for PUR application are openable nozzle for an easy inspection, accurate cleaning and efficient maintenance.

PIZZI, in addition to all the standard nozzles have for more than 40 years been shaping custom nozzles tailored to their customer's technical and production needs and in accordance with the chemical characteristics and the adhesive.

**Nozzles prices:**

**Spatula nozzle in brass**

- |             |  |          |
|-------------|--|----------|
| - 176PU _   | Spatula nozzle in brass for PUR adhesives _ 125 mm width | € 320,00 |
| - 176PU-S _ | Spatula nozzle in brass for PUR adhesives _ 150 mm width | € 440,00 |
| - 176PU-S _ | Spatula nozzle in brass for PUR adhesives _ 180 mm width | € 480,00 |

Glue slotted holes (for glue spread out) of all a. m. spatula nozzles measure 2.5 mm.

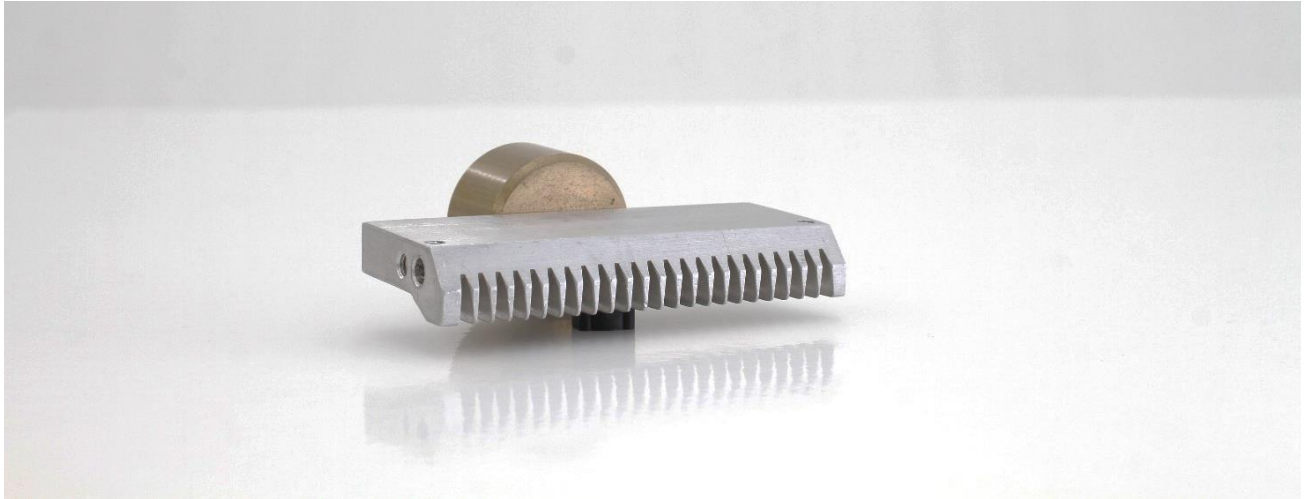
**Gluing cylinder nozzle in brass**

- |             |  |             |
|-------------|--|-------------|
| - 032PU _   | Gluing cylinder for PUR adhesives _ 120 mm width     | € 250,00    |
| - 033PU-S _ | Gluing cylinder for PUR adhesives _ 150 mm width     | € 460,00    |
| - 033PU _   | Gluing cylinder for PUR adhesives _ 180 mm width     | € 330,00    |
| - KSGPU _   | adjustable side guide in brass (for glue spread out) | € 76,00 set |



It is possible to shape any special nozzle according to the customer's production needs and to the different shapes and profiles of the components to be glued, as well as to the specific applications and in relation to the characteristics of each single adhesive.

Nozzle are mostly manufactured out of brass or thermoplastic materials with high resistance to deformability, heat, mechanical stress and wear due to rubbing and corrosion with aggressive agents contained in certain types of adhesives.



## easyPUR ✓ **MAXI**



### **As to the adhesive drums, we are able to offer any options.**

Our system can be adapted and customized to different volumes of containers and drums, up to 200 liters. EasyPUR will therefore be tailor-made according to customer needs and barrel capacity, thus, also sizing the metal cart to different volumes of drums and designing the suction pipe accordingly. In the case of drums with high capacity, e.g. 200 liters, the system will operate with the drum placed horizontally (see image 2).



**IMG 2**



**IMG 3**





**IMG 4**

#### **Silicagel air dryer filter**

Silicagel air dryer filter to keep the air in the system completely dry, therefore, for the PUR adhesive, there is never any contact with moisture.

The first filling of silicagel is provided in the filter.





## **To know about polyurethane adhesives for wood (PUR) one component moisture-curing:**

PUR adhesives are a reactive polyurethane-based adhesive.

PUR adhesives one-component, medium-viscosity, hygro-hardening product. These adhesives cure through cross linking with moisture from the air. The bonds are extremely strong and temperature and water resistant, i.e. catalyze, cure with the water present in the form of atmospheric moisture.

The reaction between the adhesive (containing isocyanate) in presence of humidity usually leads to a production of carbon dioxide which causes the product to foam, whose bonding is filling any cavity. This wood adhesives are optimal when it is necessary to couple wooden parts where high resistance to humidity and high temperatures is required.

They are among the most modern adhesives for joinery, wood components for the housing and building industry and are particularly ideal for complex bonding.

### Fields of application

Predominately all types of wood (e.g. windows, doors, stairs etc.) and panel bonding, furniture or cabinetry job.

Bonding of windows and doors;

bonding of wooden and parquet floors;

bonding of wood and its derivatives;

bonding for exteriors;

bonding for shipbuilding;

bonding of MDF joints (medium density fiberboard panels);

bonding of mineral alloy panels, for construction;

PUR adhesives are also suitable for metals, plastics and bonding of ceramics, concrete and expanded clay.

Salient features of PUR adhesives are:

- \_ medium viscosity;
- \_ high resistance to humidity;
- \_ high resistance to high temperatures;
- \_ expanding adhesive.

**easyPUR**

