

MATRIX M10

PRODUCT DESCRIPTION

The new VEA srl solvent-less mixing unit maintain unchanged their versatility and easy use. The latest technological innovations made it even more powerful. The line of mixers MATRIX is the result of 50 years of experience in the converting and is now in its fourth generation.

- Bi-component Base and catalyst solventless adhesive Mixer with double refilling system and "pump on board". Fully automatic, with 50 different controls that make it impossible in automatic mode, dispensing incorrect mixture at the proportions established.
- The PLC, thanks to the automatic control of the volumetric last generation pumps, guarantee a precision of 1% for the mixing ratio. A streight point of our mixer matrix is that in any case it will be delivered mixture not comply, because if the value of 2% is exceeded the machine goes in alarm and stop.
- The supply voltage of the heated tube has been reduced to 48V for the security of your operators and for your plant as well.
- The multilingual touch panel is easy to use and very intuitive. At the Auto mode main page, it is possible to have always under control, components ratio with temperature and pressure, delivery, adhesive level in the tanks, temperature for the refilling and delivery tube, in order to make the job of the operator easier.
- The temperature is constantly monitored near the entrance of the pump suction, and the plc decides how intensively you need to heat the component according to the parameters that you set, in order to avoid wasting electricity.

CHARACTERISTIC	
Machine sizes	960 x 750 x 1120 mm
Mixing ratio	16/100 - 100/100
Adhesive flow rate (at 50/100 ratio)	2,0 l/min
Maximum pressure admitted	70 bar
Optimal working pressure	5-25 bar
Tank capacity	2 x 40 l
Electric supply	230 V - 50/60 Hz monophase
Installed power	3 kW
Max power absorbed	15 A
Heating pipes	48 V
Viscosity range	suitable for all solvent-less adhesive currently used

System START & STOP

Thanks to this innovating system that only the MATRIX family has, our mixer can use any type of adhesive, even the most viscous, in fact the system "Start&Stop" if at the start the mixer detect an excessive increasing of pressure, the pumps will run at intermittance mode, allowing to let the inject free of the adhesive that undergone an increase viscosity, avoiding the machine stop.