

EASY SERIES W5

5 KG HOT-MELT APPLICATORS WITH GEAR PUMP

The new applicators for heat-melting adhesives Easy Series W5 are the top innovation on the international market for their simplicity of use, production flexibility, maintenance costs and operations, quick installation, ease of programming, high safety standards, exceptional reliability and full integration with any packaging line, ensuring a product capable of ranging in any field of application and thus solving most of the Client's requirements, especially where limited sizes or low amounts of glue are required, without leaving aside cost issues.

Graphical display

A new LCD display (specifically designed) graphically shows all the machine sections (tank, manifold, hoses and guns), thus allowing maximum construction economy and immediate display of the various parameters, as a single panel integrates fixed serigraph images depicting the gluing machine sections and electronically controllable graphic elements (figures and variable graphic parts). The graphic icons are easy to interpret, even by non-specialist personnel, eliminating problems generated by codes and foreign languages to understand and meaning that the displays are all the same, independently of the country of use.



New melting tank



A large loading inlet open on three sides facilitates the 5 kg tank filling.

Removable cover

Unique in its category, the cover is quickly removed without removing any parts, thus ensuring maximum cleanliness and easy maintenance of the same.

Innovative programming

Another innovative feature is the programming method of all the operating parameters that is carried out through a single control consisting of a selector with built-in button. Every time the knob is pressed, another parameter appears, which is increased or decreased by turning the knob in a clockwise or anti-clockwise direction.

Serial interface

A simple serial interface enables the control, management and setup of the entire system from the PC.

Light indicators

A multicolour led shows the system status and any alarms or faults.

Glue filter



Easy to access and replace, it ensures a better distribution of the adhesive preventing the nozzle clogging due to the presence of impurities in the adhesive.

Quick pressure release and regulation valve



It keeps the pressure set constant and ensures the utmost safety during the system use by and releasing the adhesive pressure into the system in an automatic and safe manner, even in the event of an emergency.

Pressure control device

A sophisticated control system shows the adhesive output pressure on the applicator display.

Gear motor

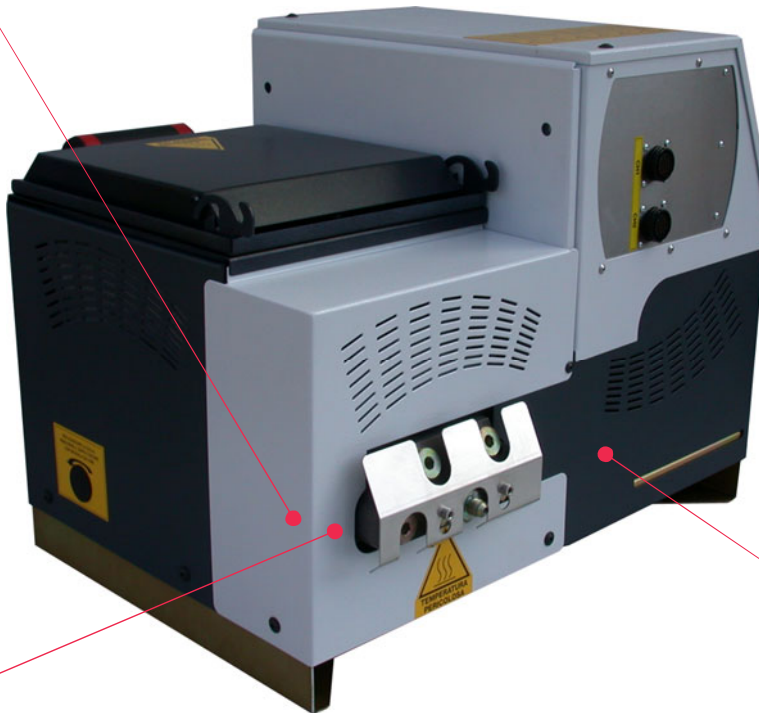


The applicators are fitted with variable speed AC motors controlled by inverter positioned horizontally so as to have reduced overall dimensions and be easy to access both for inspection and maintenance, thanks to a quick connector and to an easy to open body system.

High precision gear pump

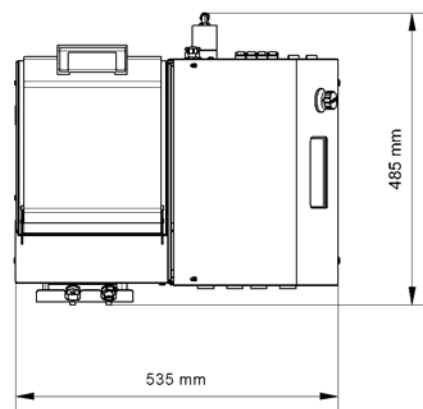
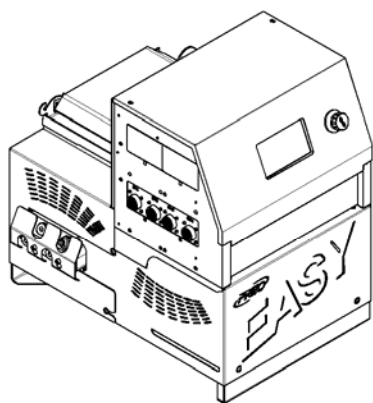


With the same dimensions it is possible to choose between gear pumps of different capacity. Absolute precision and reliability, they are made of super-quick steel and are fully hardened. Like all the inside parts of the applicator, also the pump is easy to remove in case of maintenance or replacement.

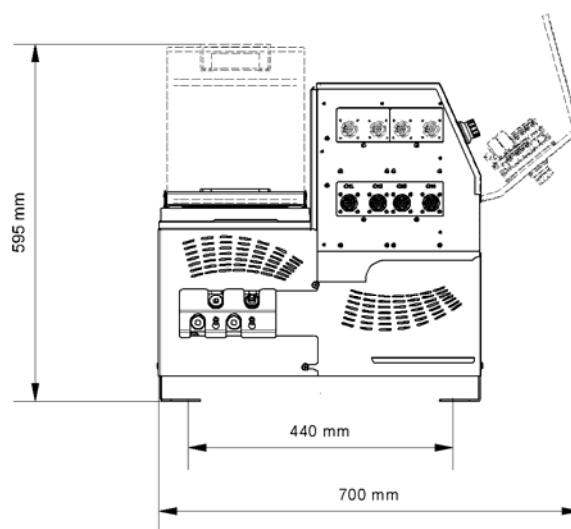
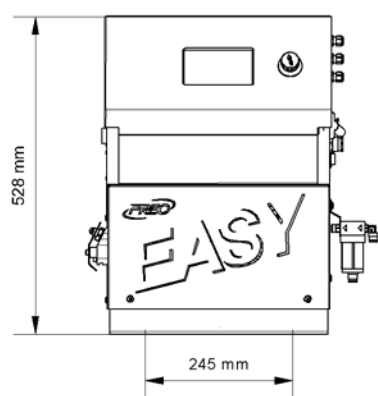


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DATA SHEET



GENERAL SPECIFICATIONS

WEIGHT (EMPTY)	46 Kg (101 lbs)
FASTENING	buttonhole for M8 screws
HOPPER OPENING DIMENSIONS	178 x 160 mm
NUMBER OF HOSES / GUNS	1 ÷ 4
ADHESIVE TYPOLOGY AND VISCOSITY	Hot Melt up to 70.000 mPas
SAFETY VALVE	calibrated on 55 bars
MAXIMUM WORKING PRESSURE	55 bar

TANK SPECIFICATIONS

TANK CAPACITY	5 kg (11 lbs)
MELT RATE	9 Kg/h (depending on used adhesive typology)
OPERATING TEMPERATURE RANGE	50°C ÷ 230°C
ACCURACY	± 1°C
WARM-UP TIME	35' + 40' starting from ambient temperature
TEMPERATURE CONTROL METHOD	by graphic interface microprocessor
INSIDE TANK COATING	high temp. scratch-resistant PTFE non-stick

ELECTRICAL REQUIREMENTS

VOLTAGE	380 VAC ≈ 50 Hz three phases + neutral
MAXIMUM SYSTEM POWER CAPACITY	2400 Watt - 11,0 A (no hoses and guns)

PUMP SPECIFICATIONS

PUMP TYPE AND MAX SPEED	gear single flow 3,0 cc/rev x 80 rpm
MAXIMUM PUMP RATE	14 Kg/h (depending on used adhesive typology)
MOTOR	variable speed inverter-controlled
MOTOR SPECIFICATIONS	0,25 kw reduction gear 1:20
PUMPING START	-5°C from the set-point value

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ITALY DIVISION

e-mail : italia@preo.it
tel: 02 48601260 • fax: 02 4503323

PREO SRL

GLUE APPLICATION SYSTEMS DESIGN AND DEVELOPMENT
Via Alessandro Volta, 7 • 20094 Corsico (MI) • Italia

EXPORT DIVISION

e-mail: world@preo.it
tel: +392 45861343 • fax: +392 4503323

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