

GUNS SERIES REVOLUTION

MULTIMODULE GUN WITH VARIABLE CENTRE DISTANCE



The REVOLUTION Gun Series with rotating modules, provide the best solution for each gluing problem thanks to their small size and versatility, and can replace the common multi-module spray guns with fixed spray centres distances. The wide range of models provides also the most demanding customer with the ideal solutions for each gluing problem.

Module



In its standard version, the gun is equipped with the NEW LIFE module. This module determines the precision and reliability with which the adhesive is applied, characteristics that are ensured by the meticulous attention paid in the design and production phases. The main feature of the module is its innovative internal interchangeable cartridge gasket system, which ensures a perfect seal against high pressures and temperatures, and minimal, economic, simple and lasting maintenance.

Nozzle



The gun comes with Zero Cavity stainless steel nozzles. The nozzles are available with a minimum diameter of 0.25 mm to a maximum of 1.2 mm. Their name Zero Cavity derives from the fact that the shutter closes the nozzle hole completely, breaking up any impurities and ensuring that the nozzle is kept perfectly clean and, as a result, that the system works properly. The vast range of nozzles comprises several configurations and special designs tailored to satisfy the Customers' needs. Preo nozzles stand out from their competitors due to their three main technical characteristics, which may be summarized as follows: the sturdiness of the materials used in their production, which ensures an extremely high wear resistance and breaking strength. Their excellent heat conductivity, which is much higher than the traditional steel with the advantage of heat transmission at a speed of at least 8 times the normal one. The third characteristic is its design in which its multi-way nozzles ensure a spraying reliability comparable to the traditional Zero Cavity nozzle.

Electrical connections

The electrical kit is easy, quick, and safe to extract.

Gun body

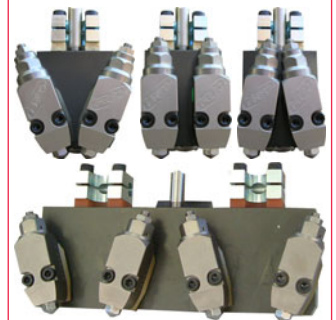
The material used to make the gun casing is "Ergal", which significantly improves performance in terms of mechanical stress resistance. A hard oxide coating makes cleaning and maintaining the gun quicker and simpler.

Heating



Heating is provided by high-reliability heating elements controlled by high-precision sensors.

Variable centre distance modules

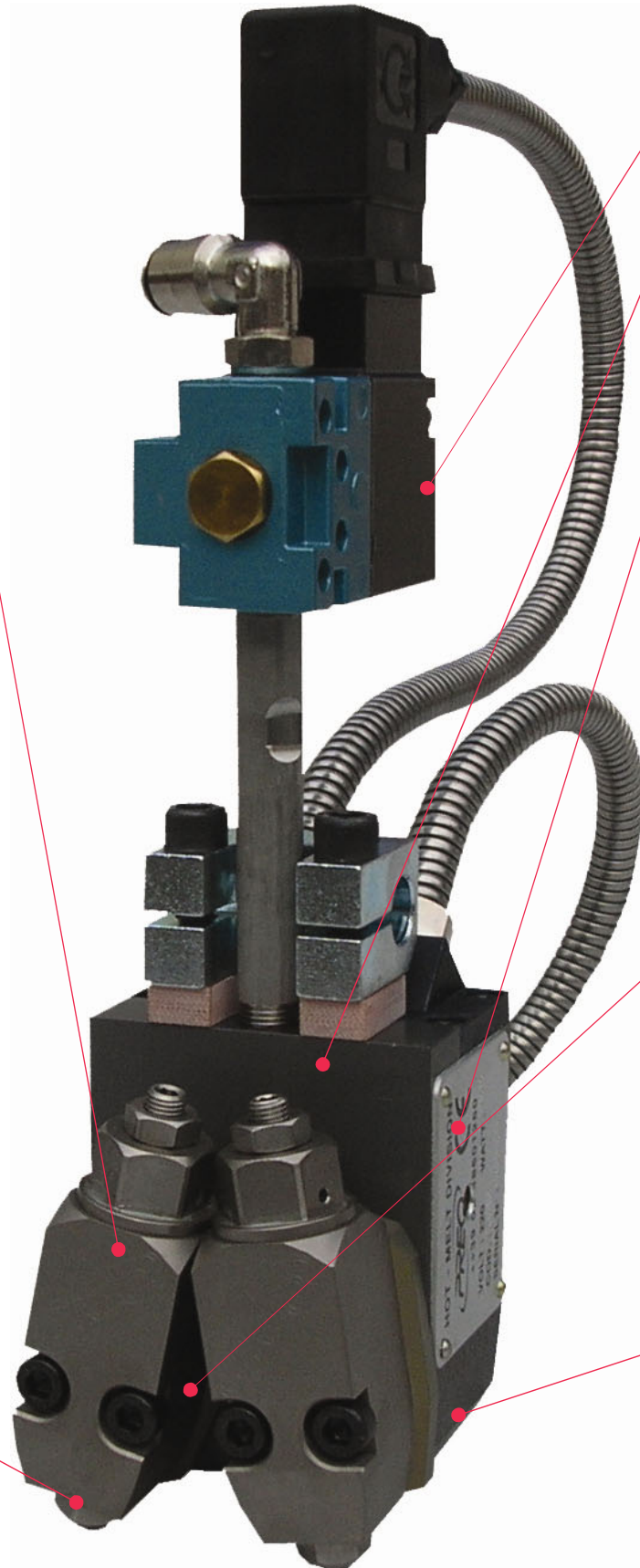


The guns are available with 2 or more modules custom engineered centre distances and independent control for each module in order to guarantee the maximum flexibility during the applications. The distance between the modules can be changed simply by rotating the modules directly on line and with the gun in temperature, so that you can use only one spray gun for various different applications. Big advantage is the high flexibility, maintenance and spare-parts time saving.

Glue filter



Built into the gun casing, easily accessible, quick to change and remove without removing the tube, it ensures a more uniform distribution of the glue while spraying, thus stopping the nozzles from clogging up with the impurities present in the adhesive itself and increasing the already high reliability of the gun.



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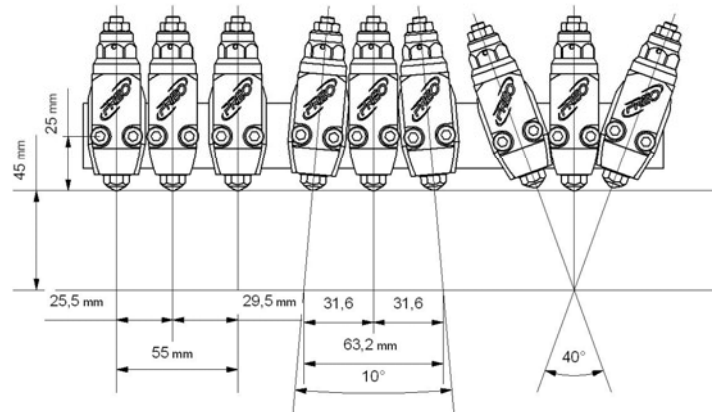
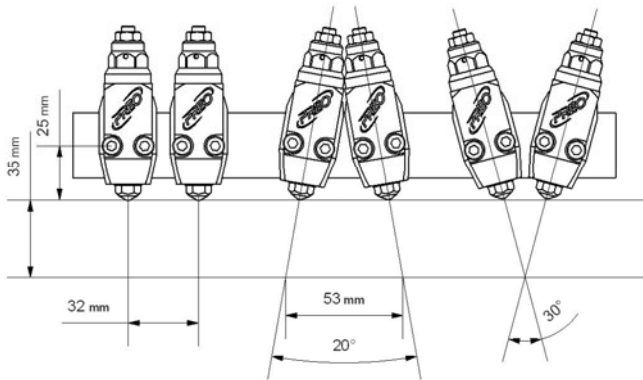
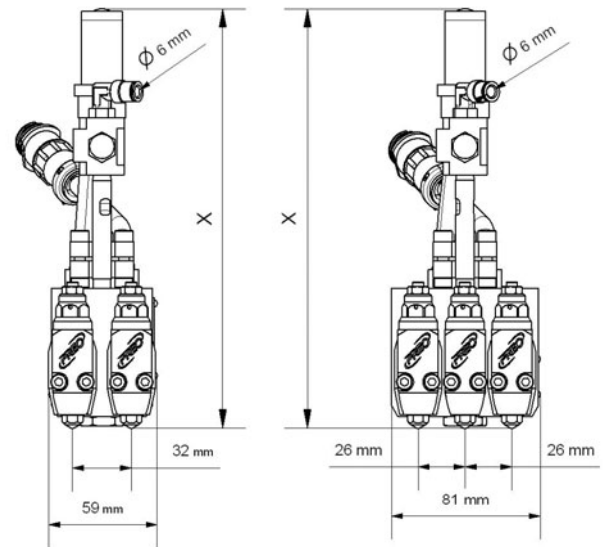
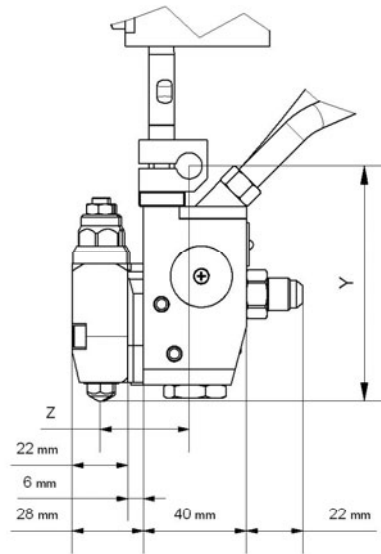
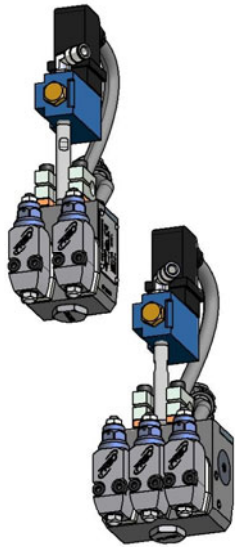


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DATA SHEET



GENERAL SPECIFICATIONS

VERSION	2 MOD KV 1 EV	2 MOD LV 1 EV	2 MOD KV 2 EV	2 MOD LV 2 EV	3 MOD KV 1 EV	3 MOD LV 1 EV
CODE	GOSFA02KVO_	GOSFA02LVO_	GOSKA02KV1_	GOSFA02LV1_		
DIMENSIONS (X)	229 mm	246 mm	256 mm	273 mm	228 mm	245 mm
DIMENSIONS (Y)	91 mm	108 mm	91 mm	108 mm	91 mm	108 mm
DIMENSIONS (Z)	35 mm	35 mm	39 mm	39 mm	35 mm	35 mm
WEIGHT	1100 gr	1100 gr	1150 gr	1150 gr	1300 gr	1300 gr
FASTENING	hole Ø mm 10 - 12 - 12,7 - 14					
ADHESIVE TYPOLOGY AND VISCOSITY	Hot Melt up to 100.000 mPas					
OPERATING TEMPERATURE RANGE	50°C ÷ 210°C (HT 250°C version on request)					
ACCURACY	± 1°C					
TEMPERATURE CONTROL METHOD	cartridge heater element					
NOZZLES	1 way with minimum Ø 0,25 mm					

ELECTRICAL SPECIFICATIONS

VOLTAGE	220 VAC ≈ 50 Hz single phase
MAXIMUM SYSTEM POWER CAPACITY	180 Watt - 0,8 A

PNEUMATIC SPECIFICATIONS

MAXIMUM CYCLE RATE	6000 cycles / minute
AIR PRESSURE RANGE	6 Bar
ELECTROVALVE WATTAGE	2,5 - 17,1 W
ELECTROVALVE VOLTAGE	24 V (special voltages on request)
MAXIMUM WORKING PRESSURE	55 Bar

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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

WWW.PREO.IT • WWW.PREO.IT • WWW.PREO.IT • WWW.PREO.IT • WWW.PREO.IT • WWW.PREO.IT