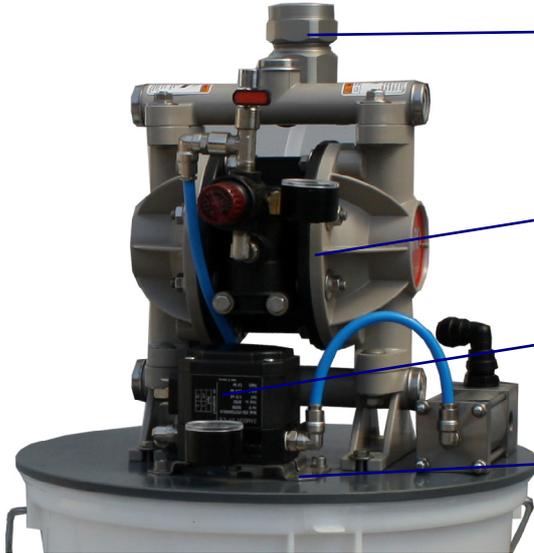




GLUE APPLICATION SYSTEM CLD SERIES WITH 1:1 RATIO DIAPHRAGM PUMP

The glue application system with CLD Series diaphragm pump are indicated for distributing cold low viscosity water-based adhesives (up to 1,500 mPas). All parts that come in contact with the adhesive are in stainless steel or are treated to prevent oxidation. These highly reliable guns require minimal maintenance and guarantee an efficient solution for dosing adhesives at low pressures. Available in different configurations, they can be integrated with accessories such as proportional valves, encoders, photocells and glue level control device.

**ANTI-PULSATION FILTER**

A stainless steel glue filter, included as a standard feature on all models, has the double function of eliminating glue impurities that could block the nozzles and decreasing the pulsations created by the pump with a sphere on the bottom of the filter. An easily extractable cartridge inside the filter facilitates cleaning operations.

DIAPHRAGM PUMP

A diaphragm pump with a 1:1 compression ratio, pneumatic controls and anti-stall valve is used.

MANUAL OR AUTOMATIC PRESSURE ADJUSTMENT

To control the quantity of glue, in relation to machine speed, a stainless steel pressure regulator can be mounted with a 1:1 ratio, controlled by a proportional valve or set manually.

LID

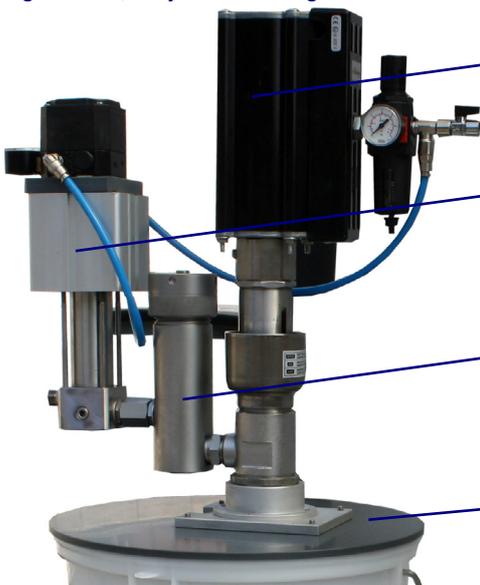
The pump is mounted on a plastic lid which is easily positioned on standard buckets (capacity of 20-30 lt), and can be transferred to a bucket filled water to wash the system.

TECHNICAL SPECIFICATIONS

ADHESIVE VISCOSITY	1.500 mPas
PUMP TYPE AND RATIO	pneumatic diaphragm ratio 1:1
MAXIMUM PUMP RATE	25 lt/min (depending on used adhesive)
WORKING PRESSURE	0,5÷6,0 bar
MAXIMUM WORKING PRESSURE	6 bar

GLUE APPLICATION SYSTEM CLP SERIES WITH 4:1 RATIO PISTON PUMP

The glue application system with CLP Series piston pump are indicated for distributing cold medium viscosity water-based adhesives (up to 10,000 mPas). All parts that come in contact with the adhesive are in stainless steel or are treated to prevent oxidation. These highly reliable guns require minimal maintenance and guarantee an efficient solution for dosing adhesives at high pressures. Available in different configurations, they can be integrated with accessories such as proportional valves, encoders, photocells and glue level control device.

**PISTON PUMP**

A piston pump with a 4:1 compression ratio with pneumatic controls is used.

MANUAL OR AUTOMATIC PRESSURE ADJUSTMENT

To control the quantity of glue, in relation to machine speed, a stainless steel pressure regulator can be mounted with a 4:1 ratio, controlled by a proportional valve or set manually.

ANTI-PULSATION FILTER

A stainless steel glue filter, included as a standard feature on all models, has the double function of eliminating glue impurities that could block the nozzles and decreasing the pulsations created by the pump with a sphere on the bottom of the filter. An easily extractable cartridge inside the filter facilitates cleaning operations.

LID

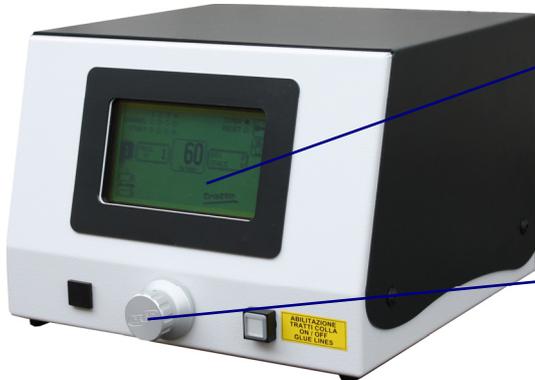
The pump is mounted on a plastic lid which is easily positioned on standard buckets (capacity of 20-30 lt), and can be transferred to a bucket filled water to wash the system.

TECHNICAL SPECIFICATIONS

ADHESIVE VISCOSITY	10.000 mPas
PUMP TYPE AND RATIO	pneumatic piston ratio 4:1
MAXIMUM PUMP RATE	35 lt/h (depending on used adhesive)
WORKING PRESSURE	0,5÷24,0 bar
MAXIMUM WORKING PRESSURE	6 bar

COLD LINE GLUE PATTERN CONTROL SERIES TRATTO

The COLD LINE, glue pattern control TRATTO Series can be used on high speed systems, both with in encoder mode (for variable speed machines), and with a timer (for constant speed machines). The programmer can memorise up to 99 different gluing programs and manage up to 8 independent guns (channels), each one able to distribute 8 different glue beads (both lines and dots). The simple programming procedure and the innovative graphic interface with a "Rotary Switch" program selector facilitates programming operations.



LCD DISPLAY

A liquid crystal display shows icons of all programmable sections and their relative parameters, thereby making it possible for even non-specialised personnel to program the system, immediately and very simply, with no problems of codes or foreign languages to interpret. A specific notification area monitors machine status during operations constantly and "dynamically". In case of alarms or anomalies, error messages will be visualised.

INNOVATIVE PROGRAMMING

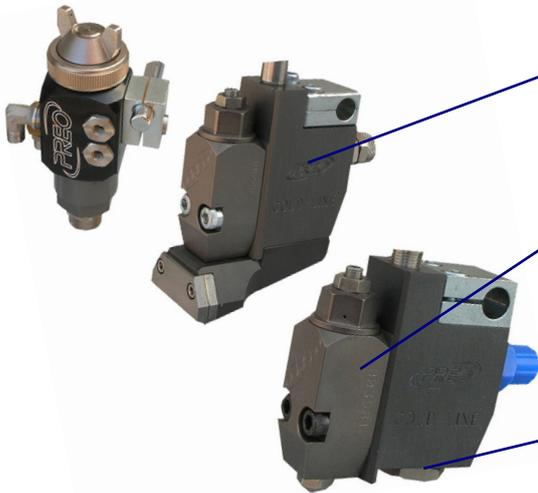
The "Rotary Switch" is a particular control device for the COLD LINE. All system parameters are very easily entered, programmed, modified and set with this selector.

TECHNICAL SPECIFICATIONS

MICROPROCESSOR TYPOLOGY	by graphic interface with LCD display 240x128 pixels LED back lighted and rotary switch programming selector
FUNCTIONS	99 programs, 8 glue lines/channel, "dot/space" function, Timer/Encoder Mode, packaging/spooling/converting configuration, manual purge
INPUTS	4/8 photocells, 1 encoder, 1 glue reset, 1 low level sensor
OUTPUTS	4/8 channels per gun, 1 0-20 mA command for proportional valve, 1 output low level, 2 auxiliary free optionals

GUNS SERIES COLD LINE

The COLD LINE series guns for vinyl glues are indicated for precise applications of dots, lines, spray, spiro and spreading. Main features are: speed up to 6,000 cycles per minute, AMX 45 module with exclusive system of gaskets with replaceable double cartridge, zero cavity self-cleaning nozzle, protective non-stick coating on gun body, integrated glue filter. A wide and complete range of models enables even the most demanding customer to always find the best solution to any gluing problem.



GUN BODY

Made of "Ergal" (a material that considerably improves resistance to mechanical stress), the body has a hard oxide coating to make cleaning and maintenance faster and safer.

AMX 45 MODULE

A standard feature of the guns is the new AMX 45 module, which is responsible for the precision and regularity of the application of adhesives. Results were made possible only due to particular care during the design and manufacturing processes. The main prerogative is the innovative system of gaskets with replaceable double cartridges which guarantee a perfect seal at high pressure as well as minimal, low-cost, simple and lasting maintenance. The gun comes with Zero-Cavity self-cleaning nozzles in stainless steel with hole ranging from a minimum of 0.25 mm to a maximum of 1.2 mm.

GLUE FILTER

Guarantees better distribution of the adhesive and prevents the nozzle from clogging due to the presence of impurities in the adhesive. Integrated into the gun body, it is easily accessible and can be replaced quickly.

TECHNICAL SPECIFICATIONS

WEIGHT AND FASTENING	600 gr - mounting bracket with hole diameter mm 10
ADHESIVE VISCOSITY	up to 100.000 Cps
GUN BODY	coated with hard oxidation treatment and glue filter integrated
NOZZLES	Coated Zero-Cavity 1 way with minimum diameter 0,25 mm
MAXIMUM CYCLE RATE	6000 cycles/minute
SOLENOID VALVE	2,5÷17,1 W - 24 V (special voltages on request)
WORKING PRESSURE	6 bar
MAXIMUM WORKING PRESSURE	55 bar

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