



# **JV** *the future behind*



The JV gluing kit represents innovation and quality, while being a competitive solution, for manual and semi-automatic application of thermoplastic hot-melt adhesives in multiple industries. It's a bespoke gluing solution able to satisfy many needs. The JV system is a turnkey kit that enables a quick and easy installation, allowing the operator to work in safety and optimize application timings without unnecessary waste of time due to its ease of use, outstanding reliability and maintenance cost savings. Available in two different configurations, it consists of 1 melter 5 kg tank capacity with pneumatic double effect piston pump ratio 14:1 with electromagnetic reversing system or gear pump 7cc with variable speed and AC motor inverter controlled; a user interface with 7" color touch screen display with innovative programming through icons' menu and sequential heating tank-hose-gun; high flexible standard hoses or with reduced diameter and high resistance corrugated sheath (in 3 different lengths); ergonomic 360° swiveling hand guns (bead or spray) or automatic 2/4 modules low profile guns completed with nozzles. Available a wide range of accessories to complete the installation support stand with wheels; single or double gun holder; spiral wire support balancer for hoses.

**ECONOMIC ADVANTAGE AND COST SAVING | HIGH QUALITY AND SAFETY STANDARDS | ENERGY SAVING AND SUSTAINABILITY  
EXPRESS DELIVERY | EASY INSTALLATION | WORLDWIDE CUSTOMER SUPPORT**





### SERIES JV-P (PNEUMATIC PUMP)

### SERIES JV-W (GEAR PUMP)

#### GENERAL SPECIFICATIONS

TYPE OF ADHESIVES USED	hot-melt (EVA, PO, coolmelt, metallocene, APAO, PSA, wax) granulates, pellet, tablets and blocks	
ADHESIVES VISCOSITY	up to 30,000 Cps	up to 70.000 Cps
OPERATING TEMPERATURE	50°C±210°C (120°F±410°F)	
HOSE/GUN CONNECTIONS	2, 4 (fitting thread 9/16"-18 JIC)	2 (fitting thread 9/16"-18 JIC)
TANK CAPACITY	5 kg (11 lb)	
MELTING RATE	6 kg/h (13 lb/h)*	
WEIGHT (EMPTY)	48 kg (106 lb)	54 kg (120 lb)
MACHINE DIMENSIONS (L X P X H)	550 x 480 x 595 mm	550 x 430 x 595 mm
TANK OPENING DIMENSIONS	170 x 150 mm	
TANK	internally coated with PTFE scratch-resistant non-stick treatment, heated fins and quick drain valve	
MANIFOLD	coated with hard oxidation treatment and glue filter integrated	
WARM-UP TIME	35'±40' starting from ambient temperature (0°C±45°C - 32°F±113°F)	
FASTENING	slots for M8 screws	
SAFETIES	by-pass, rapid discharge and pressure regulation, alarm and absolute maximum temperature protection and machine downtime	

#### ELECTRICAL SPECIFICATIONS

VOLTAGE	1/N/PE AC 230 V + 10% 50/60 Hz, 3/N/PE AC 400V + 10% 50/60 Hz	
WATTAGE (NO HOSES/GUNS)	2.2 kW (10 A)	2.4 kW (11 A)
MAXIMUM POWER FOR CHANNEL	1.0 kW	

#### MICROPROCESSOR SPECIFICATIONS

TEMPERATURE CONTROL	Ni120 + 0.5°C (1°F) - with sequential heating section function	
USER INTERFACE	multi-language 7" color LCD TFT LED capacitive LED touchscreen resolution 1024x600 pixels	
FUNCTIONS	economy, clock, weekly programming, firmware upgrade via USB port	

#### PUMP SPECIFICATIONS

PUMP TYPE	double acting pneumatic piston pump ratio 14:1	gear single flow pump with pump selector (auto/manual)
SPECIFICATIONS	electro-magnetic with end stroke sensors	inverter-controlled 0.25 kW motor, reduction gear ratio 1:20
MAXIMUM PUMP RATE	35 kg/h *	33 kg/h *
PUMP SPEED	-	7.0 cc (80 rpm)
COMPRESSED AIR SUPPLY	5 - 6 bar, oil-free and filtered, ISO 8573-1 standard, class 3	
WORKING PRESSURE	0.3±5.0 bar	
MAXIMUM WORKING PRESSURE	55 bar	

(\*) depending on the type of adhesives used

© Copyright 2025 PREO SRL - All rights reserved - Subject to change without advanced notice - Printed in Italy - Edition 5/2025