

JOLLYCOLLA

Multifunction Automatic Glue Dispenser



1. MACHINE OVERVIEW



The JOLLYCOLLA is a multifunction automatic dispenser designed to dispense precise, metered quantities of adhesive — either continuously or in pulses — for applications in the woodworking and furniture manufacturing sectors.

Flow rate adjustment is carried out via potentiometers on the control panel, managed by an electronic control board. Dispensing is activated by a single pulse via the electric buttons on the glue gun, giving the operator immediate and full control at the point of application.

The machine is designed for continuous industrial use, combining precision, ease of use and robust construction. It is compatible with a wide range of adhesive viscosities and includes an integrated cleaning system for quick maintenance.

2. KEY FEATURES

- ▶ Continuous or pulsed dispensing — Versatile dispensing modes — continuous flow or single pulse — selectable to suit any application requirement.
- ▶ Electronic flow control — Adjustment via potentiometers and a dedicated electronic board ensures a precise and repeatable amount of adhesive in every cycle.
- ▶ Single-pulse gun activation — The electric buttons on the glue gun activate dispensing with a single pulse — immediate, ergonomic and intuitive for the operator.
- ▶ Dual-tank system — as standard — Two independent 8-litre pressurised tanks: one for the adhesive and one for the flushing fluid.
- ▶ Integrated flushing system — The dedicated flushing tank allows for rapid flushing of the circuit during maintenance, reducing downtime and protecting the glue circuit from residues.
- ▶ Mobility in the workshop — Heavy-duty wheels ensure maximum flexibility for moving and positioning the machine within the production area.
- ▶ Wide viscosity range — Compatible with adhesives from 1,500 to 4,000 cps (Epprecht viscometer, 200 rpm, 20°C). For adhesives with lower viscosity, the machine is supplied with a dedicated nozzle.
- ▶ Second glue gun — optional — A second, independent glue gun (VR-2GUN) can be added without modifying the base machine — this increases productivity in dual-application processes.

3. MACHINE DESCRIPTION



3.1 Control system

The machine is fitted with a dedicated control panel featuring potentiometers for precise flow adjustment, managed by an integrated electronic circuit board. All operating parameters — flow rate, dispensing mode and tank selection — can be accessed directly from the panel.

3.2 Dual-tank pressurised system

The JOLLYCOLLA is fitted with two large-capacity pressurised tanks, each holding 8 litres. One tank is dedicated to the adhesive and the other to the cleaning fluid. Tank selection is carried out directly from the control panel, allowing for a quick switch between application and maintenance modes without interrupting production flow.

3.3 Glue gun

The standard single glue gun is connected to the machine via a 3-metre flexible supply hose, giving the operator freedom of movement around the workpiece. Dispensing is activated and stopped using electric buttons integrated into the gun handle — the ergonomic design reduces operator fatigue during prolonged use.

An optional second glue gun (VR-2GUN) is available for dual-application processes or two-operator workstations.

3.4 Viscosity Compatibility

The machine is designed for adhesives with a viscosity range of 1,500 to 4,000 cps, measured using an Epprecht viscometer at 200 rpm and 20°C. For applications requiring adhesives with lower viscosity, the machine is supplied with a dedicated nozzle at no extra cost.

4. TECHNICAL SPECIFICATIONS

DESCRIPTION	UNITÀ	VALORE
Glue tank capacity	litres	8
Washing tank capacity	litres	8
Compressed air pressure	atm	1–6
Adhesive viscosity range	cps *	1,500 – 4,000
Feed tube length	m	3
Power consumption	W	250
Supply voltage		Single-phase (on request)
Control voltage	V DC	12
Machine dimensions (W×D×H)	mm	600 × 350 × 980
Packaging dimensions (L×W×H)	mm	900 × 400 × 700
Net weight	kg	40
Gross weight	kg	45

*** Viscosity measurement:**

Measured using an Epprecht viscometer at 200 rpm and 20°C. For adhesives with a viscosity of less than 1,500 cps, the machine is supplied with a dedicated nozzle.

5. OPERATION

The operator selects the desired dispensing mode — continuous flow or single pulse — from the control panel, along with the required flow rate. The active tank (adhesive or wash) is selected via the switch on the panel.

Dispensing is started and stopped by pressing the pushbuttons on the glue gun handle. The 3-metre supply hose allows full freedom of movement around the workpiece or along the production line.

For maintenance, the operator switches to the flushing tank via the panel and flushes the circuit. No tools are required. The dual-tank system ensures that flushing operations do not require the removal or emptying of the glue tank.

6. SAFETY AND COMPLIANCE

- CE certified — compliant with the applicable European Machinery Directive
- Pressurised tanks with safety pressure regulation
- Control voltage: 12V DC — safe low-voltage operation
- The dedicated flushing system prevents circuit blockages and material degradation