

# ***ezGluer PVA 1.5*** **MANUAL**



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#EZPVA1.5 – Rev. Mar 07)

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# **ezGluer™ PVA 1.5**

This manual contains all the necessary information for proper installation and use of the ezGluer™. It is essential, either for the customer's safety and satisfaction or for good reliability of the feeder, to carry out proper installation and a careful pre-delivery test. Incorrect installation or an oversight on testing may compromise the efficiency of the feeder and even jeopardize the customer's safety. All information and illustrations in this manual refer to the latest produced model at the time of printing. For any further information, please contact Glue Machinery Corporation™. We reserve the right to make changes without any prior notice.

It is essential that the instructions in the manual should be carefully followed in order to obtain the best results from the equipment and to ensure the maximum duration of all parts.

## **1 GENERAL INFORMATION AND INDICATIONS ABOUT THE PRODUCT**

### **Pneumatic feeder in painted steel for vinyl glues**

#### **1-1 IDENTIFICATION OF THE EQUIPMENT**

Portable feeder, with pneumatic delivery for vinyl glues

It is rechargeable and works independently from connections to pneumatic systems. It does not need any electrical connection.

#### **1-2 DELIVERY**

The glue feeder is delivered with all parts assembled, without glue and not under pressure, together with a gun holder and support to screw to the tank. It is packed in a cardboard box, total weight of 31 lbs.

Dimension: 8" x 8" x 26"

## **2 USAGE**

The pneumatic feeder works with all kinds of vinyl glues and it has been developed for professional use only.

#### **2-1 GLUES**

Use only vinyl glues with the density and purpose suggested by the producer. The machine works perfectly using vinyl glues with viscosity Brookfield 9500 m Pa.s.

## **3 DESCRIPTION - TECHNICAL CHARACTERISTICS**

#### **3-1 THE FEEDER**

Consists of a welded steel tank (Ref. 47), coated externally with epossidic paint. The internal surface is coated in PVC, the bottom is manufactured of thick moplén, to avoid metal fatigue. To seal the tank hermetically, screw the handle (Ref. 30) on the cover (Ref. 40) which is provided with the relevant gasket (Ref. 41). The handle is provided with a central screw (Ref. 30) in chrome steel incorporated in the fastening stirrup (Ref. 31).

Cover:

- Radial manometer (Ref. 39) - 0 - 10 bar which indicates the pressure
- Relief valve (Ref. 33) calibrated to 5/6 bar
- Air inlet valve with closing hand screw (Ref. 37)
- Connection with 3 outlets connected with a suction pipe (Ref. 42) and filter (Ref. 43); On the sides of the tank, one or more supports (Ref. 49) with removable gun holders (Ref. 48) can be attached.

### 3-2 GLUE GUNS (MOD. 0002 MOD. 9902)

For vinyl glues are connected to the feeder through a pipe manufactured of transparent PVC diameter 10 x 16 mm length mt 4 and consists of:

- A PVC handle for Mod. 0002 and an aluminum handle for Model 9902 (Ref 10) to deliver the glue
- A glue spreading ring (Ref. 2 or 3) to regulate the quantity of glue
- A front head of brass to which the nozzles are screwed
- A rubber holder connector and a central stem of brass

### 3-3 ACCESSORIES

The pneumatic glue feeders are equipped with a wide range of standard accessories, all in aluminum with a connector in nylon or in aluminum on request. Upon demand, special accessories can be manufactured, which can be applied to existing systems.

## 4 - SAFETY RULES AND WARNINGS

- The pneumatic system must have max 8 bar pressure. If the system is fed by a higher pressure, connect to it a reducing valve in order to obtain the requested pressure.
- Use only vinyl glues with the density and purpose suggested by the producer.
- Before opening the cover, always ensure that the manometer indicates 0 bar and for safety reasons also open the air inlet valve (Ref. 37).
- Avoid placing the feeder close to sources of heat or flame.
- Avoid using the feeder at very low atmospheric temperatures.
- Avoid damaging the feeder as this could cause cracks in the tank and affect working order of the equipment.
- Always keep the feeders in a vertical position.
- Do not disassemble guns, manometer and the relief valve.
- Do not clean the guns with solvents.
- To prevent glue from drying in the nozzles when not in use, place them in water, and after use wash them under a tap or with the help of the connector Ref. 0044.
- Remove, when necessary, the coat of glue from the gun's head.
- To prevent glue from drying inside the tank, the manometer must indicate at least 1 bar.

**To ensure a long working life from the machine, it is important to use only Glue Machinery Corporation™ approved nozzles and accessories.**

**GLUE MACHINERY CORPORATION™ IS NOT RESPONSIBLE  
FOR ANY DAMAGE CAUSED BY NON-COMPLIANCE WITH  
THE ABOVE-MENTIONED INSTRUCTIONS**

**Glue Machinery Corporation™ does not take any responsibility for any modifications or changes made to the original equipment.**

## 5 INSTRUCTIONS

### 5-1 PRECAUTIONS BEFORE USE OF THE EQUIPMENT

- Ensure that the feeder is not under pressure, check that the manometer indicates 0 bar and open the air inlet valve fully (Ref. 37).
- The system for compressed air must have maximum 8 bar. If it is fed by a higher pressure, connect it to a pressure reducing valve.
- Use only vinyl glues according with the density and purpose suggested by the producer.

### 5-2 USE

- Take the cover (40) off, unscrewing the handle (30) and ensure that the gasket is in the correct place.
- Take the container of polyethylene (46) out of the tank. Fill it with the relevant glue and place it back into the tank.
- Replace the cover closing the handle (we suggest that the cover is replaced with the manometer directed towards the side marked by a label).
- Close the air inlet valve (37).
- Connect the compressed air to the air inlet valve (37) and slowly open the air inlet valve.
- Close the air inlet valve when the manometer indicates 5 bar. The pressure must not be higher than 5 bar. If the pressure is higher, a special relief valve (33) opens and the excess air is released.
- Remove the compressed air pipe.
- Fill the gun's holder (48) with a small amount of water.

#### **Now the equipment is ready to be used**

- During use, the manometer will indicate a progressively lower pressure. The glue delivery is guaranteed even with minimum pressure of 1 bar.
- The glue spreads by pressing the handle (10) and stops upon releasing it.
- The delivered glue quantity can be regulated by the ring (Ref. 2 or 3) on the guns.

### 5-3 WHEN THE EQUIPMENT IS NOT IN USE

- During work-breaks, put the gun with nozzle into the holder (48) or the nozzles in a basin with a small amount of water, in order to prevent the glue from drying in the gun assembly.
- After use, carefully wash the nozzle in running water or with the help of the tap connector Mod. 0044. If glue is inside the feeder, to prevent it from drying, ensure that the pressure does not drop below 1 bar.
- If the feeder has not been used for a long time, we suggest to fill the polyethylene container (46) with warm water, put the feeder under pressure and press the guns handle, to permit water to clean pipe and gun.
- **Pay attention to the fact that the pressure will make water spray out of the gun..**

### 5-4 REFILLING

- For refilling, follow the above-mentioned instructions, taking care to wash the polyethylene container (46), the gasket (41) and the filter (43) with water.

## **6 PERIODICAL MAINTENANCE**

- Periodically replace the gasket (41) in the cover.
- Ensure that the relief valve (33) is not blocked with dried glue.
- Ensure that the base of the feeder is not damaged or cracked which can be caused by humidity or water.

## **7 POSSIBLE WORKING PROBLEMS**

- In case of loss of air from the cover, control that the gasket (41) is not damaged, cut or dirty.
- In case of glue fattening, because of ageing, we advise to change the glue by washing the equipment with water (the water must be disposed following the norms in force).
- The guns, that after being washed, leak glue, when not being used, must be replaced or get repaired by a qualified technician.

## **8 DISPOSAL**

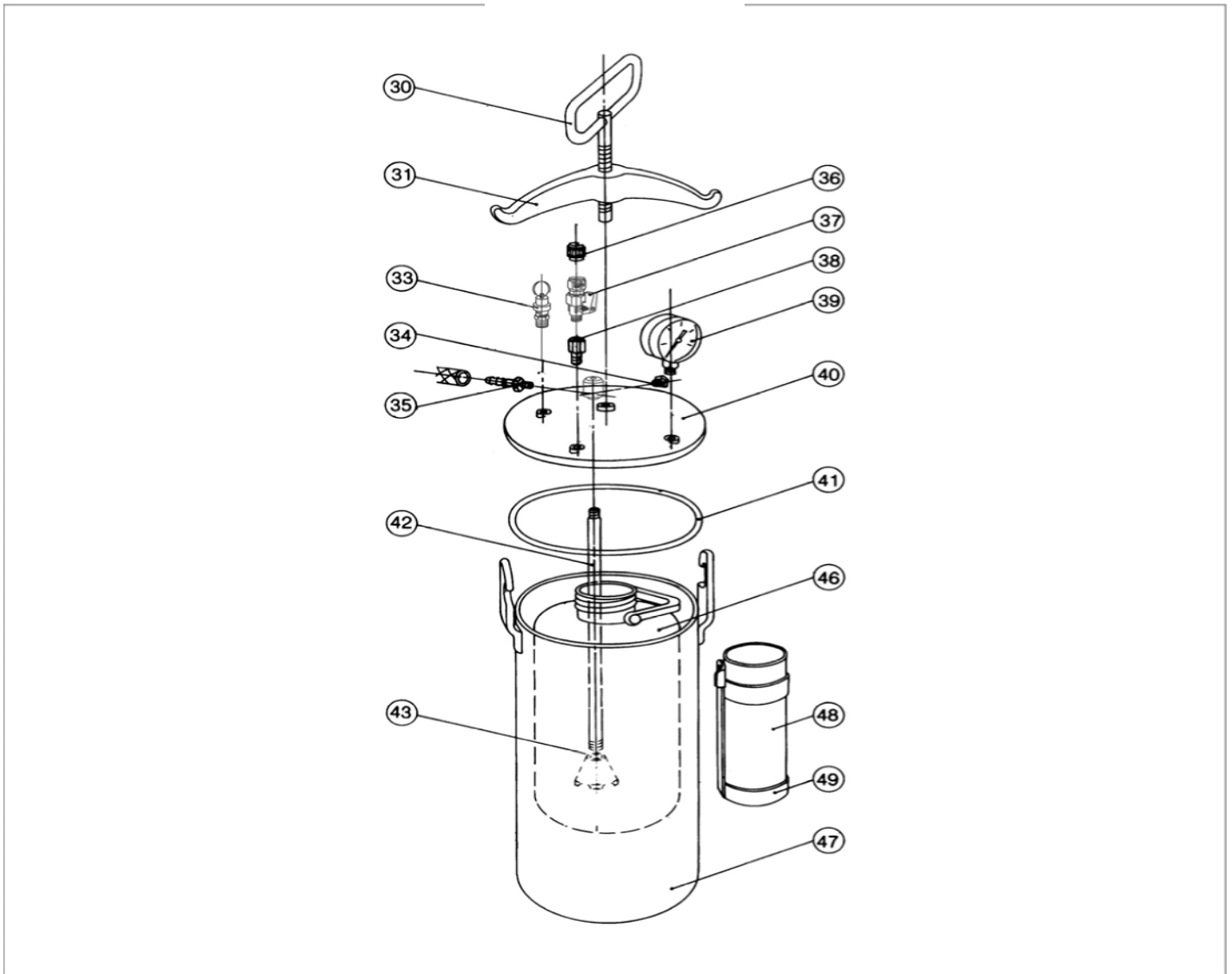
- In case of disposal, release the air, take the cover off, remove the glue and carry out the elimination according to the directives in force in the country where used.

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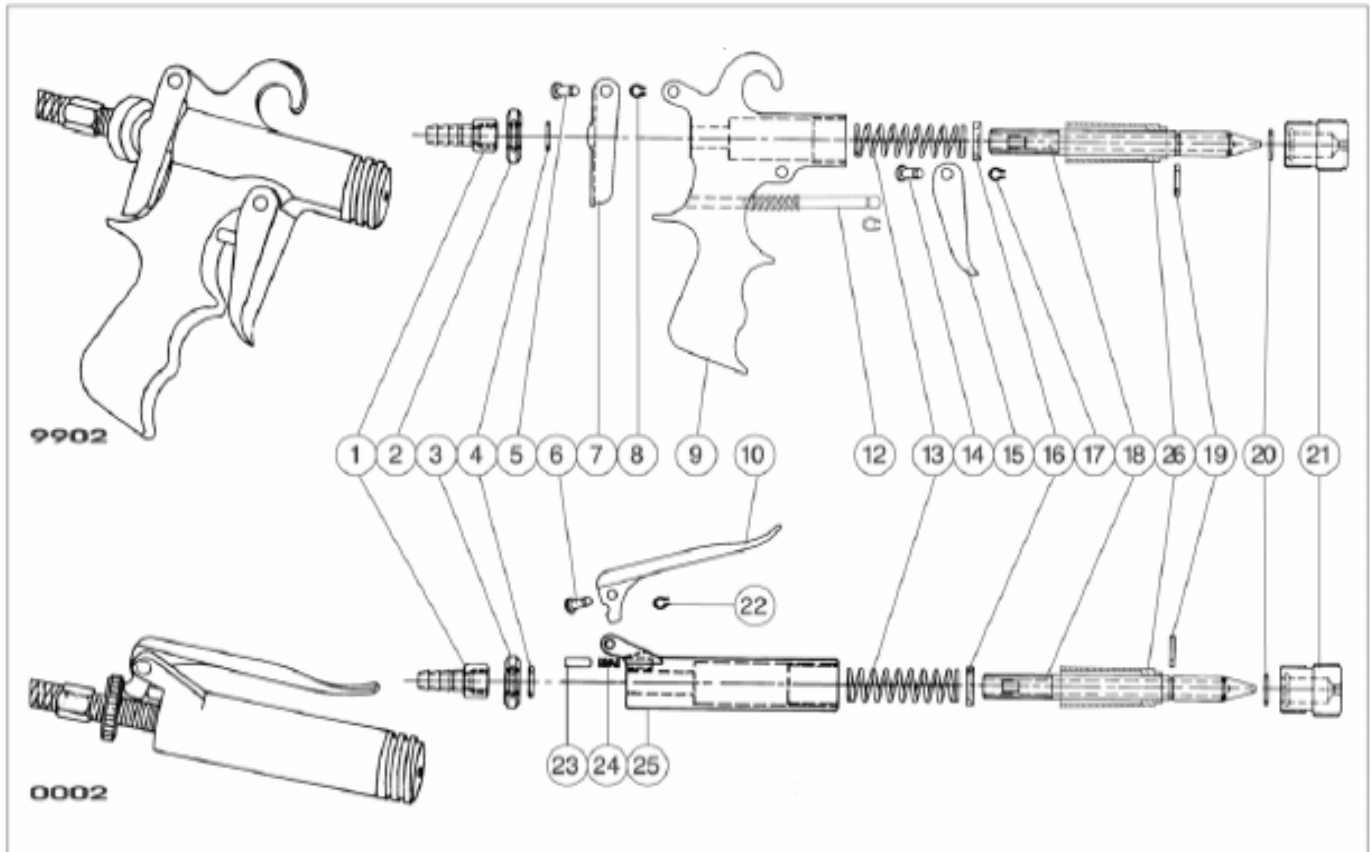
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<b>No.</b>	<b>Reference No.</b>	<b>No.</b>	<b>Reference No.</b>	<b>No.</b>	<b>Reference No.</b>
30	G06E39-001	37	G06E15-002	43	G06E53-003
31	G06E47-002	38	G06E53-002	46	G06E07-001
33	G06E15-001	39	G06E55-001	47	G06E07-002
34	G06E39-002	40	G06E21-001	48	G06E07-003
35	G06E53-001	41	G06E99-001	49	G06E06-001
36	G06E47-001	42	G06E64-001		

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## Pistol & Gun



No.	Reference No.	No.	Reference No.	No.	Reference No.	No.	Reference No.	No.	Reference No.
1	10001	6	10006	12	10012	17	10008	22	10022
2	10003	7	10007	13	10013	18	10018	23	10023
3	10003	8	10008	14	10014	19	10019	24	10024
4	10004	9	10009	15	10015	20	10020	25	10026
5	10005	10	10010	16	10016	21	10021	26	10027