

Operating Instructions

Hot melt glue gun HB 220

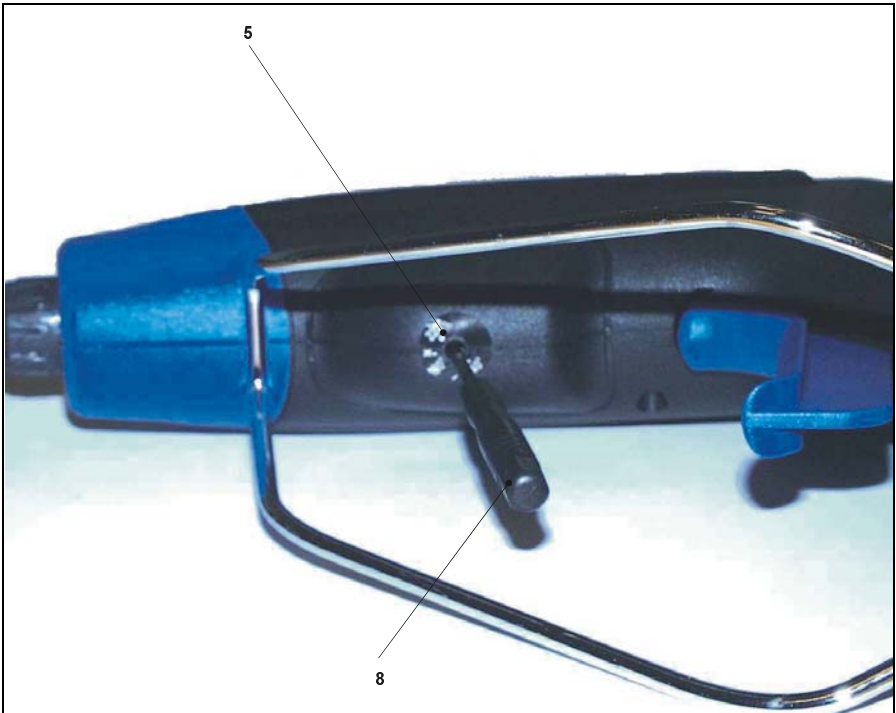


*Read these instructions carefully before taking into service! Keep them for future use!
Adherence to the operating and safety instructions given and all statutory regulations is
the responsibility of the operator.*

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Pictures



General Information / Safety

1 General Information

1.1 Technical Specifications

Designation	HB 220
Standard delivery	Glue gun, tool, spare nozzle, operating instructions
Dimensions	290 x 230 x 55 mm
Weight	600 g
Operating voltage	110 - 120 V, 60 Hz
Power consumption	220 W
Insulation class	Class I
Operating temperature	284 - 428°F / 140 - 220°C, preset to 392°F / 200°C
Control	Bimetallic temperature regulator
Glue stick	BÜHNEN hot melt adhesive, in stick form, Ø 12 mm
Adhesive capability	0.7 to 1.2 kg/hr.*

* Depending on temperature and glue viscosity.

1.2 Functional Description

Hot melt glue gun for use with commercially available glue sticks.

2 Safety

2.1 General Information

- ⚠ Only ever use the hot melt glue gun in conjunction with commercially available glue sticks in accordance with the information under “Technical Specifications”.
- ⚠ Only operate the hot melt glue gun once you have familiarized yourself with its operation and are aware of its potential hazards.
- ⚠ Comply with all locally applicable accident prevention regulations as well as all regulations concerning safety and occupational medicine.
- ⚠ If the power cord is damaged or cut, immediately unplug the unit from the wall outlet and do not continue to use it.
- ⚠ Never unplug the unit by pulling on the power cord.

Safety / Operating Instructions

2.2 Potential Hazards

Please observe the following notes carefully in order to avoid injuries and damage to materials!



Burn hazard!

The nozzle (1) and melted glue can reach temperatures in excess of 200°C. Avoid contact and, if necessary, wear protective gloves.



Odor!

Hot melt adhesives release vapors that may cause odor nuisance. Improper use can, in some cases, lead to irritation of the mucous membranes. Always ensure adequate ventilation.

2.3 Notes on Safe Operation

Please observe the following notes carefully in order to avoid malfunctions and incorrect operation!



Keep all flammable or heat-sensitive materials away from the area around the nozzle (1).



**The hot unit can be set down on the stand (2).
Never force the trigger (3).**



Protect the unit against moisture and water.
Protection against electrical shock.



Follow the instructions on using hot melt adhesives.
Protection against improper gluing results.



If the unit is used with the nozzle facing upwards, always pay attention to the formation of glue droplets in order to avoid burns to the operator or to work materials.



Before carrying out any work on the unit (maintenance, cleaning) always unplug it from the wall socket outlet. After finishing your gluing task, unplug the unit from the wall outlet and allow it to cool down in a closed container before putting it away.



Always make sure the unit is plugged into a grounded wall outlet. When using an extension cord, always inspect it for damage and make sure it is equipped with a ground wire.

3 Operating Instructions



Always observe the safety instructions cited in Chapter 2.

3.1 Startup

- Plug the power cord into a grounded outlet and switch the unit on at the ON/OFF switch (4).

→ The red power indicator light at the ON/OFF switch (4) goes on.

i The unit immediately begins heating up.



If a glue stick has already been inserted, liquefied glue may emerge from the nozzle. Therefore, always place the unit on an appropriate surface.

- Allow the unit to heat up for between 6 and 8 minutes (depending on glue type).
- Insert the hot melt glue stick into the opening on the back of the glue gun until the stick reaches the black insulating sleeve (7).

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3.2 Temperature Adjustment

The unit has been preset at the factory to an operating temperature of 200°C.

The temperature can be adjusted at the temperature regulator (5) using the screwdriver (8) provided. Turning the adjusting screw clockwise increases the temperature; turning it counterclockwise decreases the temperature.

3.3 Adjustments on the Unit

The stroke limiter (2) can be used to repeatedly extrude precisely metered amounts of glue.

- Set the required amount of glue with the aid of the stroke limiter (2).
- ⓘ **The stroke limiter can also be used to adjust the comfort of trigger (3) action.**

3.4 Notes on Gluing

The surfaces being glued should be at room temperature and be free of dust, grease, and moisture. Materials coated with or containing wax, separating oils, plasticizers, or impregnation agents may cause the bond to come apart immediately or at a later date.

Apply the hot melt adhesive in either dot or bead form. Large dots retain their adhesive strength for longer than small ones. Firmly press the materials together straight away for several seconds.

Slow, continuous extrusion will ensure that the glue does not fall below application temperature.

3.5 Breaks / End of Work

If no glue is required for longer than 20 – 25 minutes, switch the unit off at the power switch (4).

The glue stick can remain in the unit for re-melting when the glue gun is used next time.

3.6 Changing the Nozzle

- ⓘ **Special nozzles are available for special tasks.**
- ⓘ **To change the nozzle, the unit must be warm but disconnected from the power supply.**
- Wear heat-protection gloves to hold the unit.
- Unscrew the nozzle (1), being careful not to pull the trigger.
- Screw on the new nozzle hand-tight.

4 Repairs

Repairs may only be carried out by qualified electricians.

For your safety, take advantage of the time- and money-saving replacement service.

5 Accessories

Various nozzles are available for the hot melt glue gun.

Please ask your dealer or specialist adviser for further information.

6 Warranty

This unit has been developed and manufactured in accordance with the state-of-the-art. We provide the initial purchaser with a warranty on function, materials, and workmanship in accordance with the relevant provisions contained in law. Normal wear and tear are excluded. The warranty shall become null and void if it is established that the unit has been used improperly, force has been applied, repairs have been made by third parties or non-genuine replacement parts have been employed.

The warranty shall be honored either by repair or replacement, at our discretion. Any warranty beyond our standard delivery is excluded as we have no control over the proper use of the unit or adhesives.

Please observe our terms and conditions.