

Hot Melt Glue Guns (Industrial Grade)

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Hand Tools



Photo: Evan-Amos — Public domain — via Wikimedia Commons (Stanley-Hot-Glue-Gun-GR35K.jpg)

Industrial hot melt glue guns apply strong hot-melt adhesive in controlled beads for bonding wood, plastic, fabric and foam in models, prototypes and assembly. Temperature-adjustable industrial guns handle a wider range of glues than craft guns.

Key Features

- Variable temperatures for glue types
- 10-12 mm glue stick sizes
- Fast warm-up times
- Drip-free nozzles and stands
- Duty-rated motors

Typical Uses in the Workshop

- Bond prototypes and models quickly
- Attach components in assembly
- Seal and pot connections
- Tack materials before final fixing

Safe Operation

1. Set the temperature for the glue stick
2. Insert a stick and wait for melt
3. Apply a bead to one surface
4. Press parts together within seconds
5. Support the joint until the glue cools

SAFETY NOTES

- Hot glue burns - keep the nozzle away from skin
- Rest the gun in its stand when hot
- Use on heat-safe surfaces
- Ventilate - melted glue fumes irritate
- Unplug after use and let it cool

Maintenance & Consumables

- Clean the nozzle while warm
- Clear drips from the stand
- Check the power lead and switch
- Use the correct stick size
- Replace the gun when the feed slips

Specification & Buying Notes

An industrial gun with variable temperature and a stand suits workshop use. Stock high-strength and low-temperature sticks for different jobs. Quality guns feed without jamming.