

Heavy-Duty Staple Guns

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

A heavy-duty staple gun drives staples into wood, board and fabric for upholstery, insulation, fencing and stage work. Types include manual, electric and pneumatic guns; heavy-duty manuals and air guns handle long staples that hold framing and upholstery properly.

Key Features

- Staple sizes from 8 to 40 mm depending on model
- Manual, electric or pneumatic drive options
- Anti-jam mechanisms on quality guns
- Side-loading magazine for quick reloads
- Adjustable power on electric models

Typical Uses in the Workshop

- Staple fabric and webbing to furniture frames
- Fix insulation and underlay in place
- Tack cardboard, MDF and trim in stage builds
- Temporarily fasten netting and screens

Safe Operation

1. Select the staple length for the material thickness
2. Load staples into the magazine and close it firmly
3. Press the nose flat against the surface before firing
4. Staple along a marked line at regular intervals
5. Tap or pull staples loose carefully if misplaced

SAFETY NOTES

- Keep fingers away from the nose - staples travel far
- Wear eye protection when stapling near edges
- Never point a loaded gun at anyone
- Unplug or air-off electric and pneumatic guns when not used
- Remove jammed staples with the gun unloaded

Maintenance & Consumables

- Clear jams with the release mechanism, never pry with screwdrivers
- Oil pneumatic guns regularly
- Check the magazine and springs for wear
- Store with the magazine empty
- Use the correct staple type and length

Specification & Buying Notes

For heavy work, a pneumatic stapler with a compressor is fastest, but a quality manual heavy-duty gun with 14/6 to 14/14 staple capability covers most school tasks without compressed air.