

Pneumatic Grease Guns and Cartridges

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



Photo: Ciacho5 — CC BY-SA 3.0 — via Wikimedia Commons (Pneumatic_greasinggunA466.jpg)

Pneumatic grease guns deliver grease under air pressure to bearings, pivots and machine points quickly and with repeatable volume, fed from standard cartridges or bulk. They keep workshop machinery lubricated without hand-pump fatigue.

Key Features

- Air-driven pump action
- Cartridge and bulk feed
- Volume per stroke settings
- Pressure relief and couplers
- Standard grease cartridges

Typical Uses in the Workshop

- Lubricate machine bearings and pins
- Grease car, bike and equipment nipples
- Fill gearboxes and pivot points
- Rapid lubrication of multiple points

Safe Operation

1. Connect the air supply and load the cartridge
2. Purge the air from the gun
3. Attach the coupler to the grease nipple
4. Pump the set volume of grease
5. Wipe the nipple after use

SAFETY NOTES

- Grease can inject through skin - never test the nozzle against the hand
- Keep air pressure within the gun rating
- Wipe grease off floors and handles
- Keep the gun away from flames
- Disconnect air when loading cartridges

Maintenance & Consumables

- Keep the gun clean and couplers clear
- Check the seals and air fittings
- Change cartridges before they run empty
- Wipe the nipple end
- Service the air valve

Specification & Buying Notes

A pneumatic gun with a cartridge feed and a proper coupler suits workshop machinery. Quality guns prime easily; cheap ones air-lock. Buy cartridges of the machine-rated grease.