

Pneumatic Blow Guns with Safety Tips

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



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A pneumatic blow gun uses compressed air to blow dust and chips from parts and workpieces, with a safety tip that vents air to the sides if the nozzle is blocked. They must only be used with pressure-reduced air and eye protection - never against skin.

Key Features

- Pressure-reduced nozzles (under 30 psi often)
- Safety vented tips
- Straight and angled nozzle shapes
- Trigger-actuated flow control
- Quick-connect fittings

Typical Uses in the Workshop

- Blow swarf from drilled holes
- Clean dust from parts and machines
- Dry washed parts quickly
- Clear small debris from crevices

Safe Operation

1. Set the air pressure within safe limits
2. Aim the nozzle away from people
3. Blow with the work held or supported
4. Control the flow with the trigger
5. Release the trigger before disconnecting

SAFETY NOTES

- Never aim compressed air at anyone - it can injure
- Wear eye protection - particles fly hard
- Do not use blow guns on skin or clothing
- Reduce the pressure at the regulator
- Guard against chip blowback from holes

Maintenance & Consumables

- Check the nozzle and tip for wear
- Oil the trigger mechanism lightly
- Check the quick connect seal
- Inspect for air leaks
- Keep the gun with the air bench

Specification & Buying Notes

Buy blow guns with safety tips and a pressure-reduction fitting. Metal bodies last; ergonomic triggers reduce fatigue. Keep one at each compressed air station.