

Ergonomic Drafting Chairs

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Design & Documentation

Ergonomic drafting chairs give students proper support while working at higher desks, standing-height benches and drawing boards, with adjustable seat height, back support, footrests and castors. Comfort in posture prevents fidgeting, fatigue and back strain in long CAD and design sessions.

Key Features

- Extra-tall gas lift bases for high desks
- Adjustable seat depth and height
- Lumbar back support and tilt
- Foot rings or rests
- Durable castors for hard floors

Typical Uses in the Workshop

- Seat students at tall benches and drawing tables
- Support posture at CAD stations
- Provide foot support at standing desks
- Reduce fatigue in long design lessons

Safe Operation

1. Adjust the seat height so feet rest flat
2. Set the backrest to support the lower back
3. Use the foot ring at taller heights
4. Check the gas lift locks before sitting
5. Return chairs to the desks at lesson end

SAFETY NOTES

- Do not rock or lean back on the chair's limit
- Check castors and bases for damage
- Do not stand on chairs
- Test the gas lift does not drop suddenly
- Keep the chair area clear of cables

Maintenance & Consumables

- Tighten seat and back bolts
- Check the gas lift operation
- Clean the upholstery with a damp cloth
- Replace worn castors
- Lubricate the tilt mechanisms

Specification & Buying Notes

Buy chairs with a 5-star base, gas lift with the height range for tall benches, and a foot ring. Durability in class use matters more than brand. Test castors on the workshop floor type.