

Drawing Boards with Parallel Rules

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



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A drawing board is a flat, rigid surface with a parallel rule that slides vertically, giving designers an accurate, self-contained drafting station for technical drawings. Boards with integrated rules replace loose T-squares for consistent parallel lines.

Key Features

- Rigid flat surfaces A3 to A1
- Built-in parallel motion rules
- Tilting and height-adjustable stands
- Rule locks and stops
- Grid or plain surfaces

Typical Uses in the Workshop

- Produce technical and engineering drawings
- Draw orthographic projections
- Design coursework drawings
- Support freehand and instrument work

Safe Operation

1. Set the board angle for comfort
2. Lock the rule at each line position
3. Draw with the rule steady
4. Clean the surface between drawings
5. Store with the rule down

SAFETY NOTES

- Adjust stands with two hands
- Keep the rule edge clean
- Do not lean heavy items on the board
- Check the stand locks hold
- Store boards flat against a wall

Maintenance & Consumables

- Clean the surface and rule
- Check the cords and pulleys
- Tighten the stand and locks
- Replace worn rule edges
- Keep the boards covered when stored

Specification & Buying Notes

A tilting board with a quality parallel rule suits the drawing studio. Board size should match A3 or A1 paper use. Buy stable stands that lock at the needed angles.