

Heavy-Duty Storage Racks

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Workshop Furniture & Storage



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Heavy-duty storage racks are steel shelving units rated for loaded pallets, panels, stock materials and equipment, with adjustable shelf heights and high load capacities. They turn a workshop floor into organised storage for sheet stock, boxes and heavy items.

Key Features

- Load ratings from 150 to 500 kg per shelf
- Adjustable shelf levels as standard
- Steel frames with bolt-together assembly
- Sizes from 900 to 1800 mm wide
- Panel and tube storage accessories

Typical Uses in the Workshop

- Store sheet materials flat and upright
- Hold boxes, bins and project crates
- Store heavy machines and fixtures off the floor
- Organise stock by material and size

Safe Operation

1. Assemble the rack on a level floor
2. Set the shelf heights for the stock
3. Load heavier items on lower shelves
4. Do not overload beyond the rated capacity
5. Fix tall racks to the wall against tipping

SAFETY NOTES

- Anchor tall racks to the wall
- Load evenly and keep the heaviest stock low
- Do not climb on the racks
- Check the floor rating for heavy loads
- Inspect bolts and welds regularly

Maintenance & Consumables

- Tighten bolts that loosen
- Check shelf wires or boards for damage
- Clean the rack area of dust and debris
- Replace bent shelves promptly
- Label zones for material types

Specification & Buying Notes

Choose racks with a capacity comfortably above the heaviest stock and bolted construction. Add plywood or MDF shelf boards for small items. Floor-protection feet and wall anchors are essential in schools.