

Heavy-Duty Casters and Wheels for Mobile Carts

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

Heavy-duty casters turn static equipment into mobile carts: swivel and fixed types with brakes, load-rated wheels suited to workshop floors. The right caster makes heavy tool cabinets, benches and machines movable without drama.

Key Features

- Load ratings 100-500 kg per caster
- Swivel and rigid types
- Locking brakes and brakes with level
- Polyurethane and solid rubber wheels
- Threaded or plate mountings

Typical Uses in the Workshop

- Make tool cabinets and benches mobile
- Move machines for cleaning and layout
- Convert racks into mobile storage
- Brake carts in place for use

Safe Operation

1. Match the caster load to the cart
2. Fit the plate or stem mountings
3. Secure all four casters
4. Test rolling on the floor type
5. Lock the brakes when stationary

SAFETY NOTES

- Never exceed the caster load rating
- Lock brakes before leaning on a cart
- Check wheels roll without snagging
- Keep fingers clear of the wheels
- Re-tighten the mount bolts

Maintenance & Consumables

- Check the wheel bearings and tyres
- Tighten loose mountings
- Replace worn or flat-spotted wheels
- Lubricate the swivel bearings
- Keep the brake mechanism working

Specification & Buying Notes

Polyurethane wheels roll quietly on concrete and hold heavy loads. Quality swivels turn smoothly; cheap casters bind. Match the wheel diameter to the floor condition.