

Forklifts or Electric Stackers

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Materials Handling & Access



Photo: DanTD — CC BY-SA 4.0 — via Wikimedia Commons (Toyota_Walkie_Stacker_Forklift_on_Pepsi_Truck_in_Irvine,_FL.jpg)

Forklifts and electric stackers lift pallets and loads to racking heights: reach trucks and stackers raise loads up to several metres, bringing storage density to workshops. Electric versions suit indoor use with zero exhaust and lower noise.

Key Features

- Lift capacities from 1 to 3 tons
- Lift heights up to 5-6 m for stackers
- Electric or LPG power
- Four-way steering models
- Operator safety cages and interlocks

Typical Uses in the Workshop

- Stack pallets and stock in racking
- Move heavy deliveries indoors
- Load and unload vehicles at the bay
- Position machines and equipment

Safe Operation

1. Complete the daily pre-use check
2. Move with the load low and mast tilted back
3. Raise and stack squarely in the rack
4. Lower loads before parking
5. Report faults and charge per the rota

SAFETY NOTES

- Only trained and certified operators drive
- Never lift people on the forks
- Keep pedestrians clear and use the hooter
- Do not overload or side-shift heavy loads
- Park with the forks lowered and key removed

Maintenance & Consumables

- Check tyres, brakes and steering
- Monitor battery charge and water levels
- Inspect mast chains and hoses
- Follow the service schedule
- Log daily checks and defects

Specification & Buying Notes

Rent or buy a stacker matched to aisle width and rack height. Electric walkie stackers suit moderate volumes. Budget for operator training, servicing and dedicated charging areas.