

Magnetic Sweep Sweepers on Wheels

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Cleaning & Maintenance

Magnetic sweepers roll a strong magnet across floors to pick up dropped screws, nails, staples and metal filings, cleaning work areas quickly and preventing punctures and bare-foot injuries. The magnet releases its load by lever into a bin.

Key Features

- Roller or box magnet designs
- Widths 300-900 mm
- Wheeled frames for rolling
- Release levers drop the load
- Wheels keep the magnet off the floor

Typical Uses in the Workshop

- Sweep workshops after builds and repairs
- Collect screws and fasteners from floors
- Clean driveways and staging areas
- Recover reusable fasteners

Safe Operation

1. Roll the sweeper slowly over the floor
2. Watch the load build on the magnet
3. Lift off small fasteners by hand
4. Use the release lever for the bulk
5. Empty into the bin

SAFETY NOTES

- Keep fingers clear of the magnet release
- Do not roll over cables or tools
- Store the magnet with the lever closed
- Keep away from watches and cards
- Clear the floor of spills first

Maintenance & Consumables

- Clean the magnet faces of debris
- Check the wheels and handle
- Lubricate the pivot
- Check the release mechanism
- Store leaning against the wall

Specification & Buying Notes

A wide wheeled magnetic sweeper covers workshop floors in minutes; a handheld magnic sweeper suits small stations. Quality magnets hold; cheap ones drop fasteners at speed.