

Tile Cutters (Manual and Electric)

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Hand Tools



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Tile cutters score and snap ceramic and porcelain tiles: manual cutters with a scoring wheel and breaking pads suit straight cuts, while electric wet saws cut any shape including mitres. Together they cover tiling work from floor to wall.

Key Features

- Manual cutters for straight cuts
- Electric wet saws for all shapes
- Carbide scoring wheels
- Adjustable breaking mechanisms
- Water trays on wet saws

Typical Uses in the Workshop

- Cut floor and wall tiles to size
- Make straight cuts quickly in batches
- Cut mitres and odd shapes wet
- Score and break thin tiles cleanly

Safe Operation

1. Mark the tile and align in the cutter
2. Score once with steady pressure
3. Lower the breaking mechanism
4. For wet saws, feed slowly through the blade
5. Rinse and dry cut edges

SAFETY NOTES

- Wear eye protection and gloves - tiles chip
- Keep fingers clear of the blade and break jaws
- Use wet saws with water and a drip tray
- Do not cut tiles without proper support
- Clean up dust and slurry

Maintenance & Consumables

- Clean the cutter rails and wheel
- Check the break jaws for wear
- Flush the wet saw tank and pump
- Check the blade for wear
- Store the cutter out of the weather

Specification & Buying Notes

A 600 mm manual scorer covers most straight tile cuts; add a wet saw for shaped work. Quality carbide wheels and a firm frame matter. Buy with spare wheels and blades.