

Cordless Impact Drivers

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



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A cordless impact driver hammers rotational blows to drive screws and bolts with high torque and low reaction, making long screws and tight fixings effortless. It is the screwdriving powerhouse next to the combi drill for assembly and construction work.

Key Features

- Hex 1/4 inch quick-change chucks
- Impact hammer anvils
- Torque up to 200+ Nm
- Variable speed triggers
- Compact bodies for access

Typical Uses in the Workshop

- Drive long screws into wood
- Assemble frames, decks and staging
- Tighten bolts and lag screws
- Speed repetitive fastening

Safe Operation

1. Fit the bit into the quick-release chuck
2. Press the driver onto the screw
3. Trigger start slow, then full impact
4. Back off at the final tension
5. Remove the bit when finished

SAFETY NOTES

- Do not use with damaged or dull bits
- Keep fingers clear of the chuck
- Wear eye protection - bits can snap
- Match the bit to the screw head
- Do not run the driver with no load

Maintenance & Consumables

- Keep the chuck clean
- Check the anvil and bushings
- Charge and store batteries correctly
- Keep the bit set stocked
- Check the housing for cracks

Specification & Buying Notes

A compact brushless impact driver with a battery platform shared with the drills saves cost. Buy quality bit sets - the driver shears cheap bits instantly.