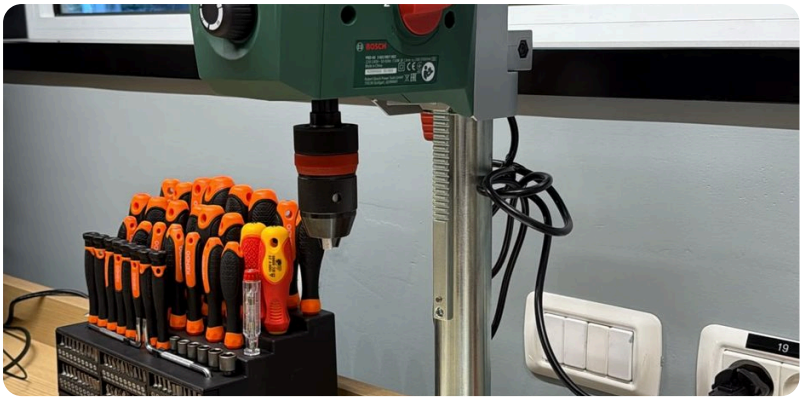
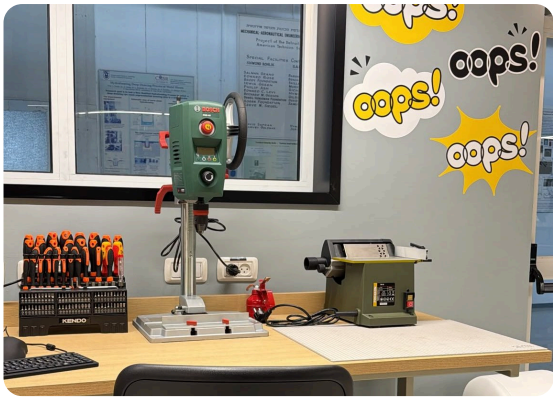
Bench drill

Bosch PBD 40



The PBD 40



Drill and belt sander on the machine bench

Safety glasses **Hair tied back** **No gloves** **No loose sleeves or jewellery**

The hazards

- **Entanglement.** Hair, sleeves and gloves wind onto a turning drill in an instant. This is why gloves are forbidden here.
- **A spinning workpiece.** If the drill grabs, an unclamped part spins with it or is thrown.
- **Chips.** They are hot and sharp, and they fly.
- **The laser.** The positioning laser is class 2. Don't look into the beam.

Always

- Clamp the work with the quick clamp or a vice
- Put a piece of scrap wood under thin sheet
- Check that the drill bit is tight and runs true
- Choose the gear and speed for the bit and the material
- Lift the bit often to clear the chips
- Ease off as the bit breaks through
- Wait for the chuck to stop before you clear chips or measure

Never

- Hold the part in your hand
- Wear gloves, even thin ones
- Change gear while the spindle is turning
- Push sideways on the bit. This is a drill, not a mill
- Clear chips with your fingers. Use a brush
- Drill larger than 13 mm in steel or 40 mm in wood

If something goes wrong

- Press the red emergency stop on the front of the head.
- If the bit jams in the work, switch off before you touch anything.
- Cut: press a clean dressing on it and get first aid. Burn: hold it under cool running water for 20 minutes. Don't use ice. Tell Nitai.