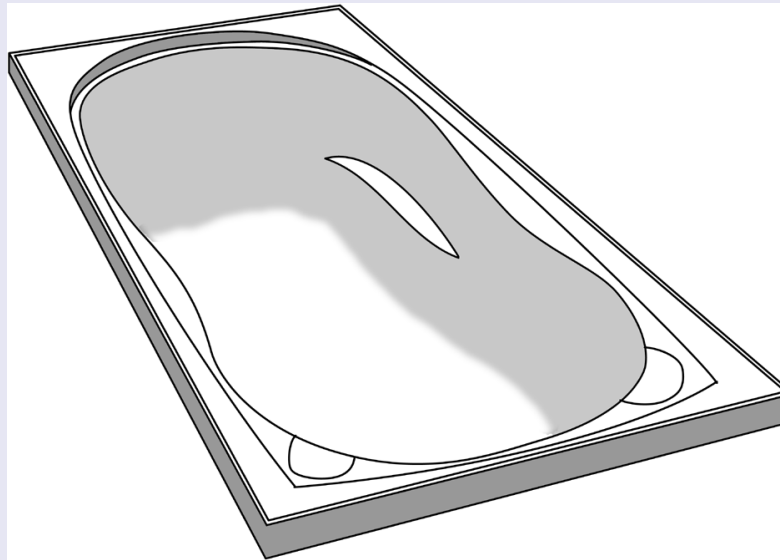
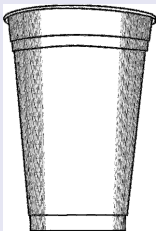


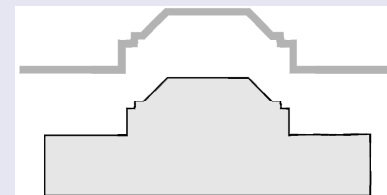
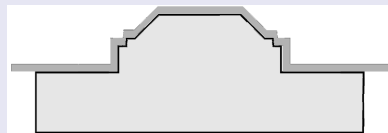
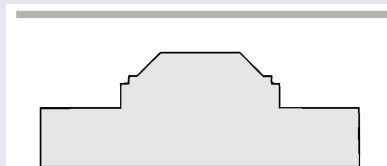
Thermoforming

- a way to make solid, shaped, individual products
- suitable for very thin-walled products, very large products, or small numbers of products



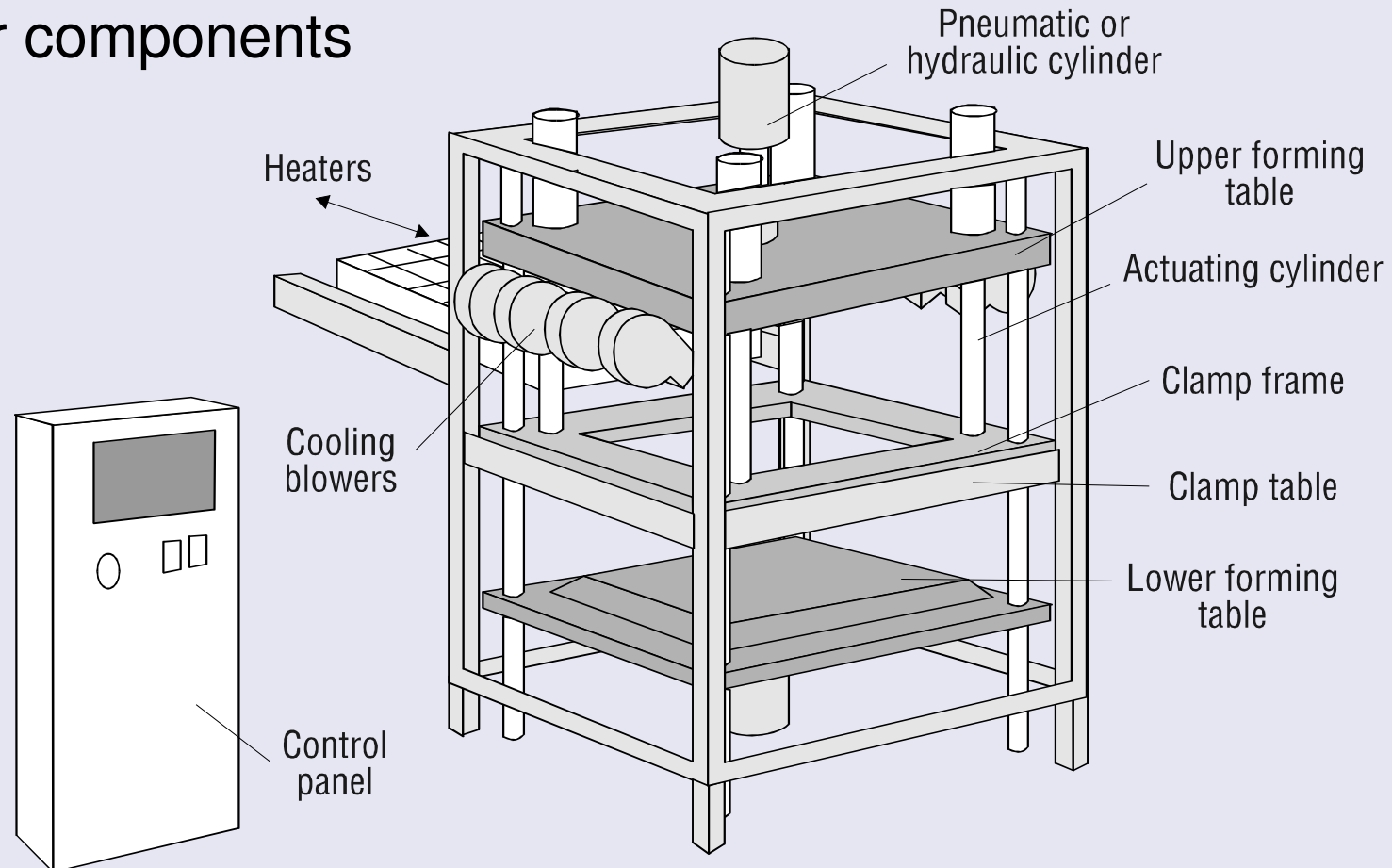
Thermoforming

- uses plastics sheet as raw material
- sheet is heated and positioned over an open mould
- sheet is sucked onto mould (vacuum thermoforming)
- Or sheet is forced onto mould with air pressure (pressure thermoforming)
- formed plastic sheet is cooled on the mould and then released



Semi-automatic Thermoformer

- major components





Diploma in Design and Specification of Plastics

Part 1: Plastics Materials and Technologies.

Automatic Thermoforming lines include:

- sheet-roll unwind station
- sheet transport system
- heating oven
- forming unit
- trimming unit
- stacking unit

Thermoforming

