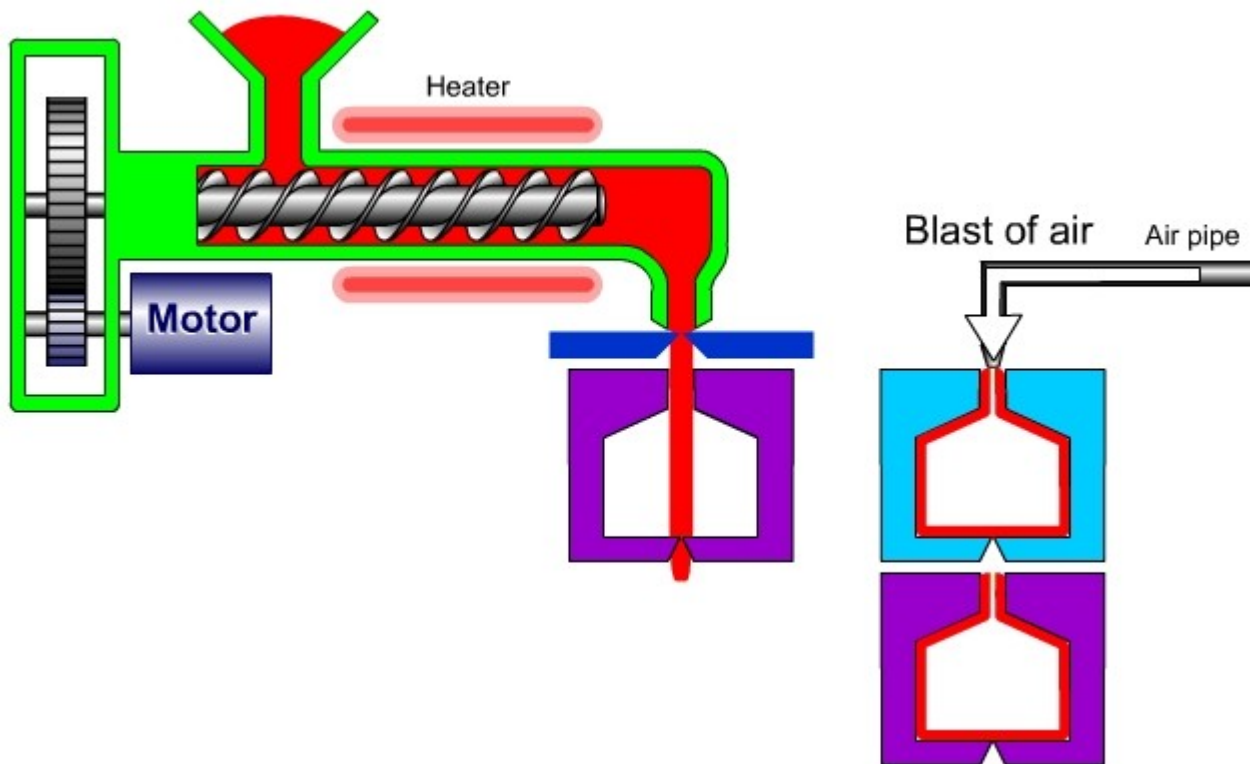


Extrusion Blow Moulding



Extrusion Blow Moulding Process

The extrusion blow moulding process consists of the following sequence of operations:

- plasticised polymer is extruded as a hollow pipe called a parison
- the parison is cut to length and clamped in the blow mould
- the blow mould is passed to the air pipe and the parison is given a blast of air
- air inflates the hollow parison and forces it against the sides of the mould
- after a short cooling period, the moulding is ejected.

The extruder produces a continuous flow of hollow section parison, so two or more moulds will be used to keep up with the flow of polymer.

Typical plastics used for extrusion blow moulding include:

- Polyethylene - Terephthalate (PET)
- Polypropylene (PP)
- Polyethylene (PE)
- Polyvinyl Chloride (PVC)