

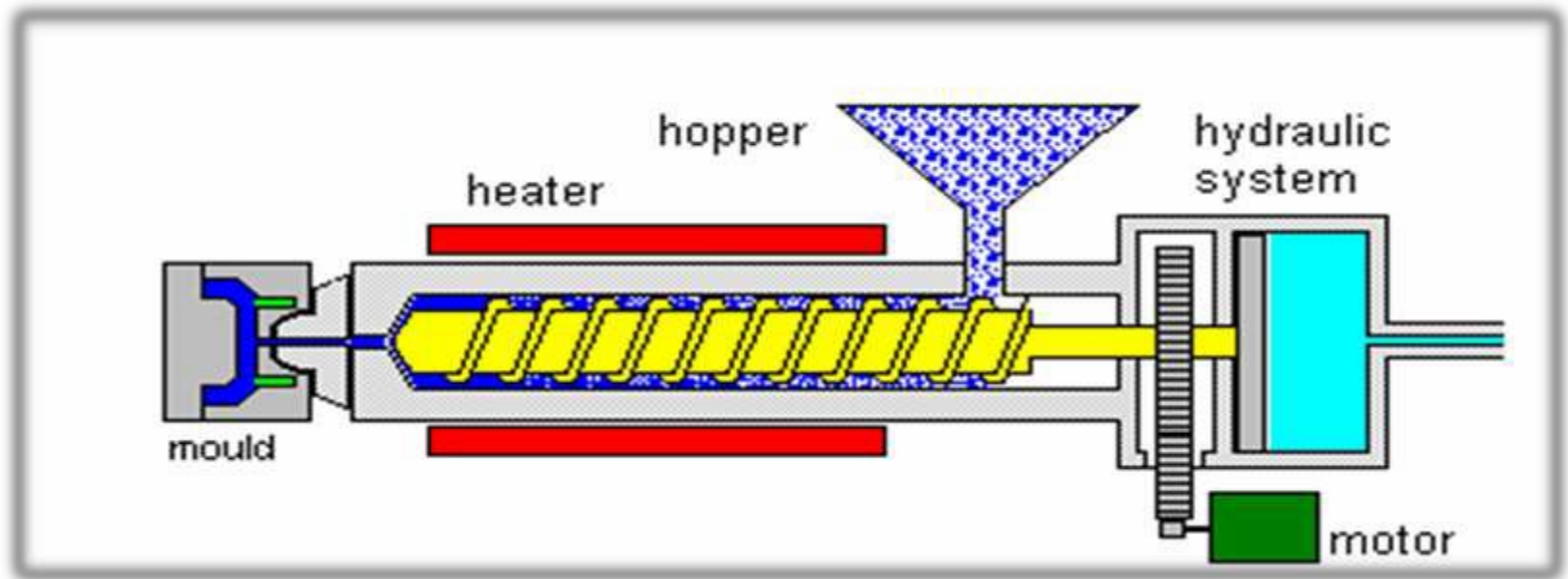
Injection Molding Machine Process

Part 3: Injection Molding Curriculum



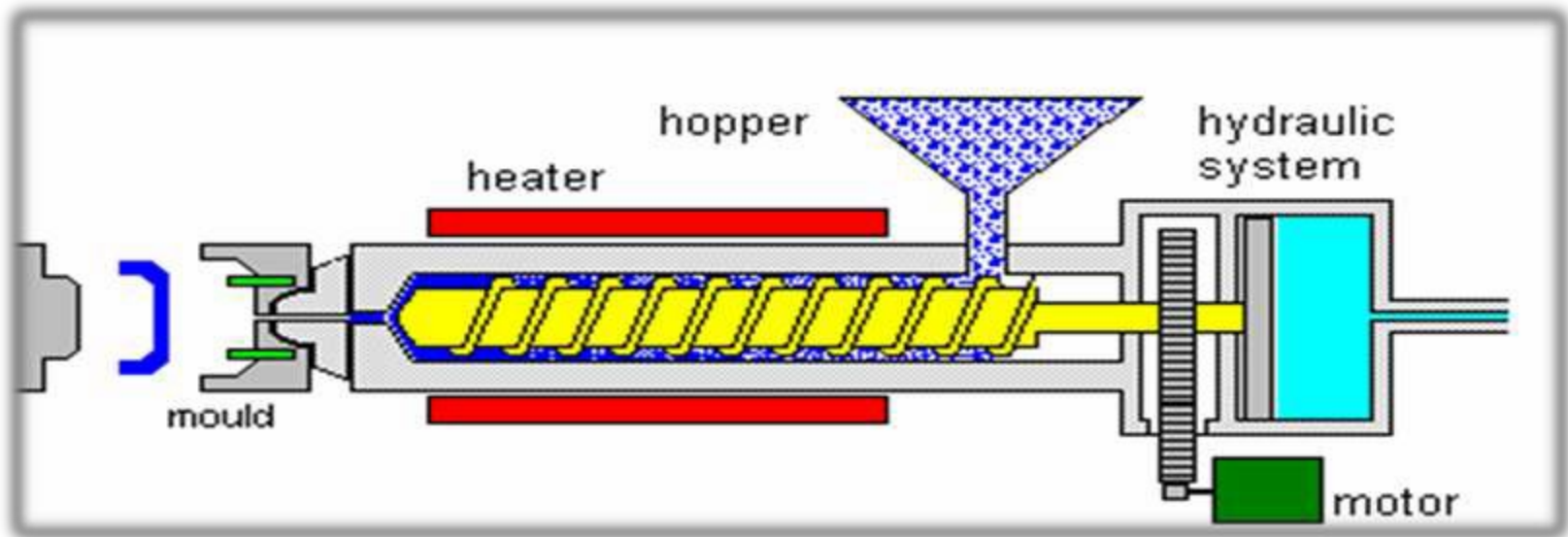
Injection Molding Machine Process

- ✓ Melted material is injected into cavity and mold is held under pressure until the material cools and hardens.



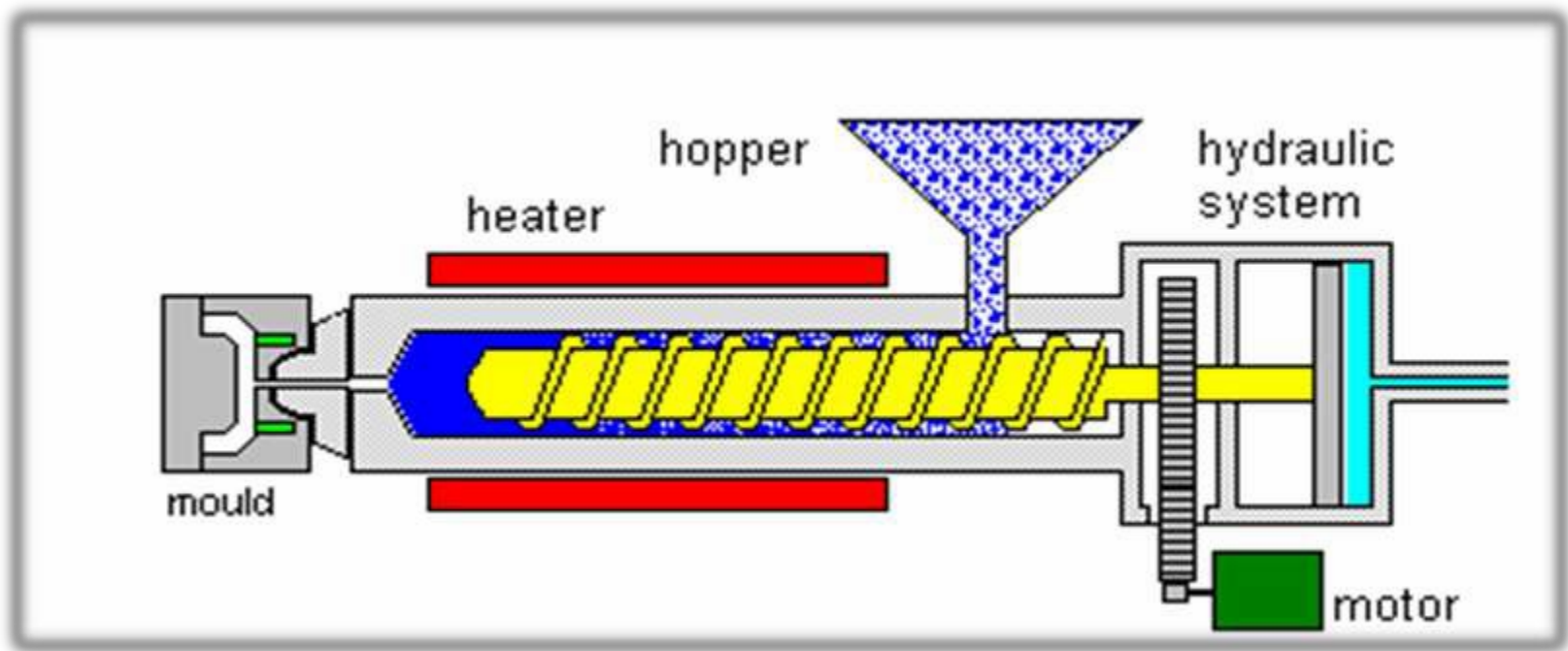
Injection Machine Process

- ✓ Once the material hardens, the mold is opened and the component is ejected by runner plate.

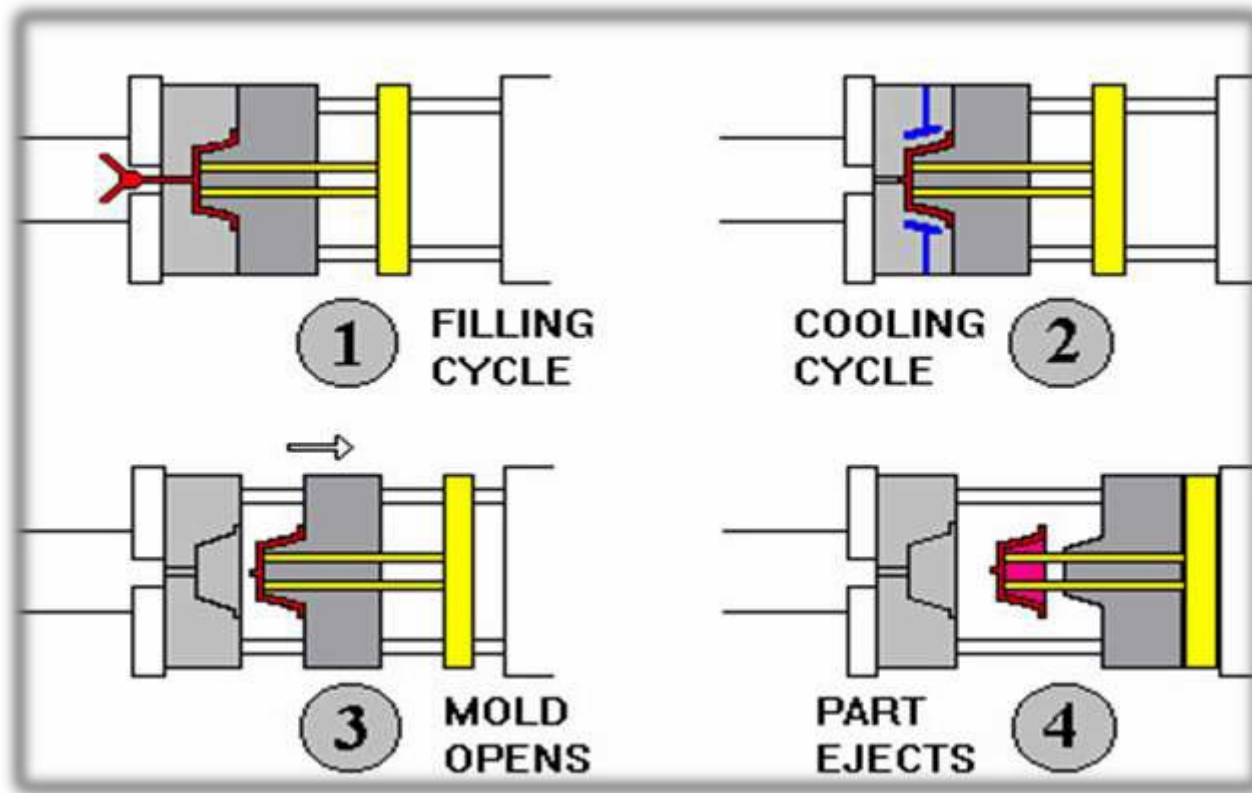


Injection Machine Process

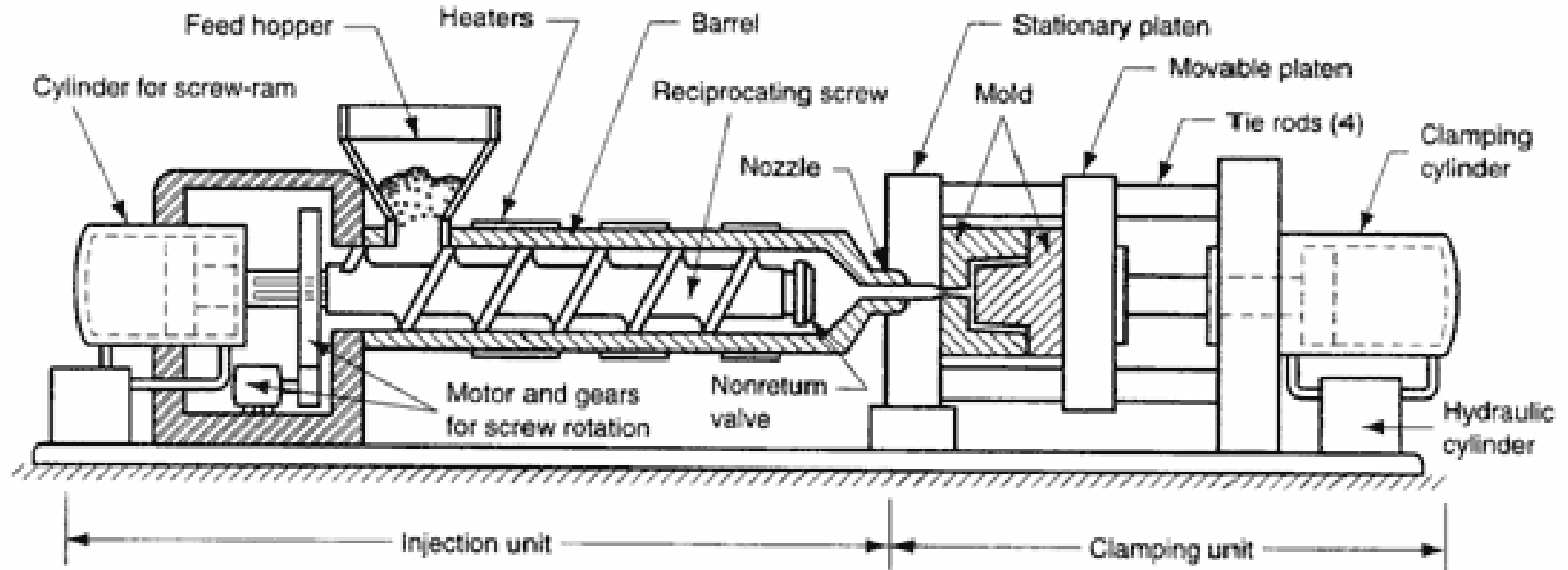
- ✓ And the process can be repeated.



Injection Machine Process



Plastics Processing: Injection Molding



Part Molding Defects

- ✓ Blister
- ✓ Flash
- ✓ Burn marks
- ✓ Warping
- ✓ Weld lines
- ✓ Colour streaks
- ✓ Voids