

## THERMOFORMING



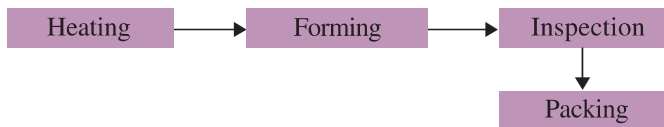
**Production capacity/annum**

19 Million Cups

### Production process

Manufacturing of cups, saucers, glasses etc. is carried out of High Impact Polystyrene Extrusion Grade Thermoforming Sheet. The thermo forming sheet is fed through a series of heater placed both on top and bottom. The heated thermoform sheet is then send into the moulds for formation of required shapes. The formed product is ejected out and collected in a basket.

### Process flow chart



### Machinery & equipment required

- Thermoforming Machine
- Air Compressor
- Chilling Plant
- Weighing Machine.

### Raw material/consumables required

- High Impact Polystyrene Extrusion Grade Thermoforming Sheet.

### Utilities required:

Power required (load) . : 40KW  
Water required (per shift basis) : 500 Liters

### Man power required

- Skilled : 1 No.
- Semiskilled : 4 Nos.

### Area required

- Total Area : 100 Sq. Mtr.
- Covered Area : 60 Sq. Mtr.

### Investment required

- Machinery & Equipment : } ₹ 45.30 Lakhs
- Working Capital for 3 Months : }
- (Raw material, utilities & salary)