



# Automation Survey

Company : \_\_\_\_\_

Contact \_\_\_\_\_

Address : \_\_\_\_\_

## Automation

\_\_\_\_\_

### Goals

\_\_\_\_\_

Check applicable goals :

\_\_\_\_\_

Operator Safety

Contact : \_\_\_\_\_

Consistent cycle

Delicate/cosmetic parts

Telephone : \_\_\_\_\_

Cavity separation

Part orientation/Downstream needs

Date : \_\_\_\_\_

Cut cycle time

Mold protection

Quote # : \_\_\_\_\_

Labor savings

Other(please specify) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Molding

Manufacture : \_\_\_\_\_

## Machine

Year & Model # : \_\_\_\_\_

## Information

Control method : \_\_\_\_\_

Control Voltage : \_\_\_\_\_

Robot Interface : No Plug \_\_\_\_\_, Euromap 12 : 32 Pin, \_\_\_\_\_, Euromap 67 : 50 Pin \_\_\_\_\_

1. Number of Plate  Two  
 Three

## Operation

Stack Mold      Sketch on Page 3

2. Number of cavities : \_\_\_\_\_

3. Runner type :  Edge gated    Subgated    Hot Runner  
 Other

4. Sprue condition :  Molten       Formed       No sprue

- 5. Parts Remain on :  Stationary  Moving side (check one)
- 6. Runner(s) remain on :  Stationary side  Moving side (check one)
- 7. Present overall cycle time : \_\_\_\_\_
- 8. Present mold open time(dwell time) : \_\_\_\_\_
- 9. Ejector system :  Hydraulic  Mechanical

**Critical Stationary Platen view**  
**Dimensions**

Please measure the following dimensions as indicated  
 In the three drawing (in English measurements)

- A. Distance from the top of the stationary to the lowest overhead obstruction or ceiling height (ie. Pipes, crane clearance for mold change ...) \_\_\_\_\_
- B. Distance from the top of the stationary platen to the top of the safety gates \_\_\_\_\_
- C. Distance from the top of the stationary platen to the mold centerline \_\_\_\_\_
- D. Distance from the mold centerline to Floor \_\_\_\_\_
- E. Drop Bar Location \_\_\_\_\_
- F. Height of drop bar from the top surface of the platen \_\_\_\_\_
- G. Distance from the mold centerline to the outside of the Safety gate on the operator side \_\_\_\_\_
- H. Distance from the mold centerline to the outside of the safety gate on the non-operator side \_\_\_\_\_
- I. Vertical tie bar spacing (inside) \_\_\_\_\_
- J. Horizontal tie bar spacing (inside) \_\_\_\_\_
- K. Thickness of the moving platen \_\_\_\_\_
- L. Thickness of the moving mold half \_\_\_\_\_
- M. Mold open daylight
  - 1. Mold limitations \_\_\_\_\_
  - 2. Machine limitation \_\_\_\_\_
  - 3. Desired mold open for operation with robot \_\_\_\_\_
- N. Thickness of the stationary mold half \_\_\_\_\_
- O. Thickness of the stationary platen \_\_\_\_\_

## Critical Dimensions (cont'd)

- 
- P. Mold height \_\_\_\_\_ S. Horizontal guide pin \_\_\_\_\_  
Q. Vertical guide pin \_\_\_\_\_ spacing (inside)  
Spacing (inside)  
R. Vertical distance from the mold centerline to the bottom of the molded shot  
(mold prints may be required) \_\_\_\_\_
- 

### Downstream/other

#### Consideration

Please describe \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Other Equipment

- Conveyer     Stacker  
 Degator     \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Equipment Specified

Auxiliary \_\_\_\_\_

Robot \_\_\_\_\_  
\_\_\_\_\_

Controller \_\_\_\_\_  
\_\_\_\_\_

Conveyer \_\_\_\_\_  
\_\_\_\_\_

# THERMAL TECH EQUIPMENT

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