



## Robot "Pick & Place" Injection Molded Fan Assembly

**'Pick' four finished parts and  
'place' disk insert for overmold**

**INDUSTRY** Injection Molding

**LOCATION** Illinois

**APPLICATION** 300 ton Niigata injection molding machine.

Six axis robot fits compact machine layout with 'reach around' to pick/place station.

Custom vacuum tooling to "pick & place" qty (4) molded fans and place insert disk for overmold.

Total cycle time 40 seconds; Mold open pick/place 6 seconds

**COMPONENTS** Motoman MH12 Six Axis Robot

- Payload- 24 lbs.
- Vertical reach- 98 in.
- Horizontal reach- 56 in.

Motoman DX200 Controller

Euromap 12 SPI Interface

SAS – Custom end of arm tooling

Video available on  
**ChicagoElectric1910**

**YouTube** channel

**Rockwellrobot.com**