

# Application Study

## ASSEMBLY OF FOAM PAD MATERIAL ONTO CURVED SURFACE



### TASK

Place 0.100" thick foam pad onto concave surface.

### CHALLENGES

- Pick foam pad from flat surface, place into recessed concave surface.
- Foam pad must be placed bubble free.
- Cycle time of <4 sec per placement is required.

### SOLUTION

- Model AEvo
- Customized expanding chuck
- Customized nest
- Rewind reel
- Bench top configuration for semi-automatic operation

### FEATURES & BENEFITS

- AccuPlace patented peeling technology and expanding chuck allow consistent peeling of flat foam pad and accurate concave placement without air inclusions.
- AEvo advances to present the next die cut for peeling while actuator is finishing the placement cycle, reducing cycle time.
- Pad thickness of 5 mm does not impede vacuum or contour capability.
- The bench top configuration consisting of a base with feet, built-in power supply, and 2-hand control provides a simple cost-effective solution.

