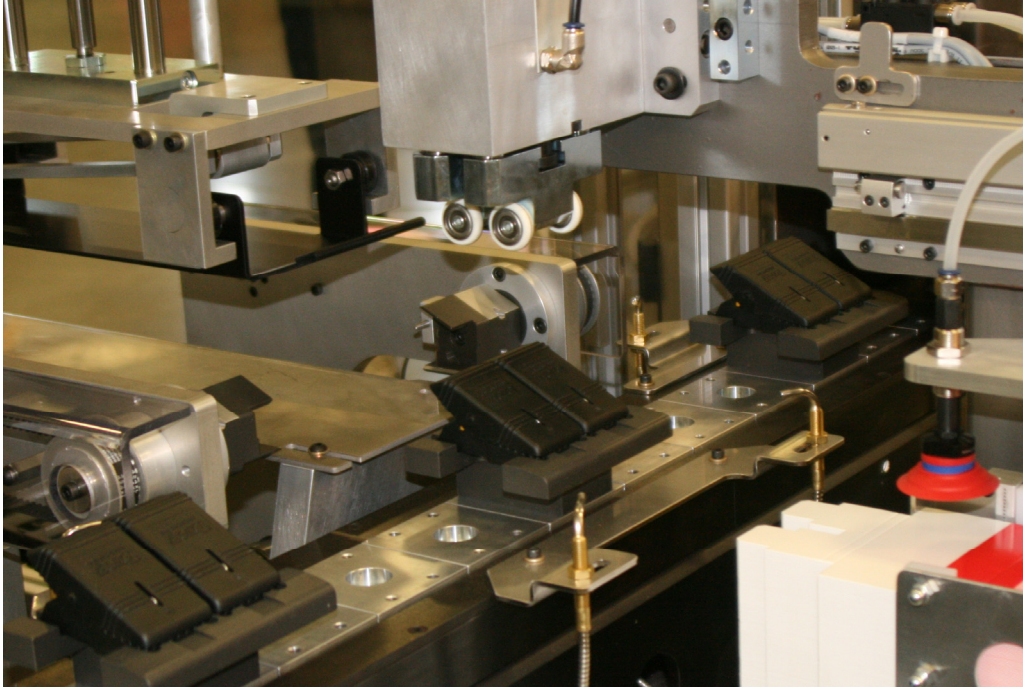


MOUSE TRAP AND PACKAGE ASSEMBLY



Assembly

Custom Process

System Integration

Components of mouse traps are delivered to a rotary dial-index for progressive assembly and testing. Once assembled, the mouse traps are transferred to a packaging system, where they are sleeved with customer-supplied cardstock, glued shut, and robotically transferred from the machine for final pack-out.

FEATURES

- 5 second cycle time per assembly
- 100% in-line inspection
- Fully integrated operator safety measures

TECHNOLOGIES

- Dedicated linear feed methods from vibratory bowls
- Robotic pick and place delivery to index dial
- Rotary indexer for progressive assembly
- Custom tooling at assembly positions
- Test stations for assembly accuracy
- Robotic transfer station for off-loading of components to packaging infeed conveyor
- Custom feed system to transfer card stock into packaging station
- Servo-pneumatic pick and place for transfer of 2-up assemblies onto packaging conveyor
- Customized servo-driven profile tool for roll-up of sleeve and traps
- Integration of hot melt sealing for final package containment