

SEAL ASSEMBLY ONTO HARD DISK DRIVE



TASK

Assemble two seals onto a hard disk drive.

CHALLENGES

- The required cycle time is two seconds. To meet this requirement two seals must be peeled and placed at one time.
- The distance between the seals on the liner differs from the distance they must be placed on the hard drive.
- The assembly of the seals is part of a multi-step automated system.

SOLUTION

- Model 3065
- Customized expanding chuck
- Rewind reel
- Tape low sensor

FEATURES & BENEFITS

- Immediately after peeling two seals the customized expanding chuck orients the seals to their respective required placement positions.
- By assembling two seals simultaneously the cycle time objective of two seconds per assembly is achieved.
- The machine's compact footprint and simple communication interface make it easy to integrate into the automated production process.
- The tape low sensor communicates to the host controller adhesive component roll status.