

Please visit our web site at www.deprag.com

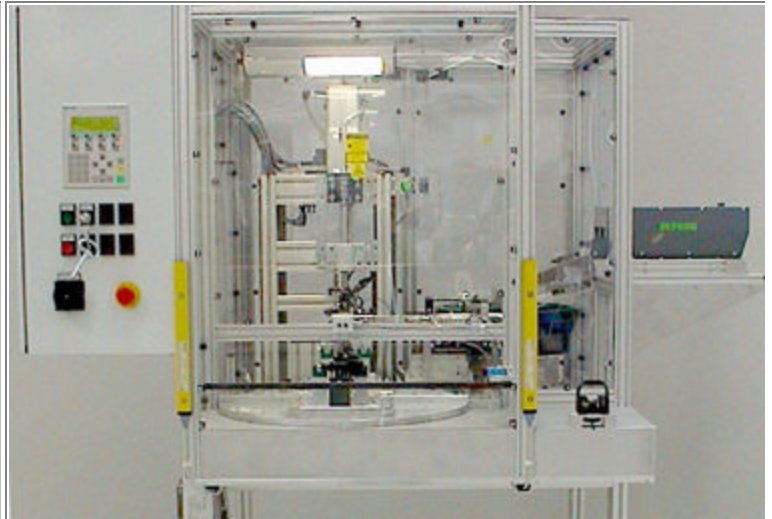
Your confirmation that the content of this E-News has been read is required. Please click on the link below to respond.

DEPRAG COMPONENT ASSEMBLY STATION

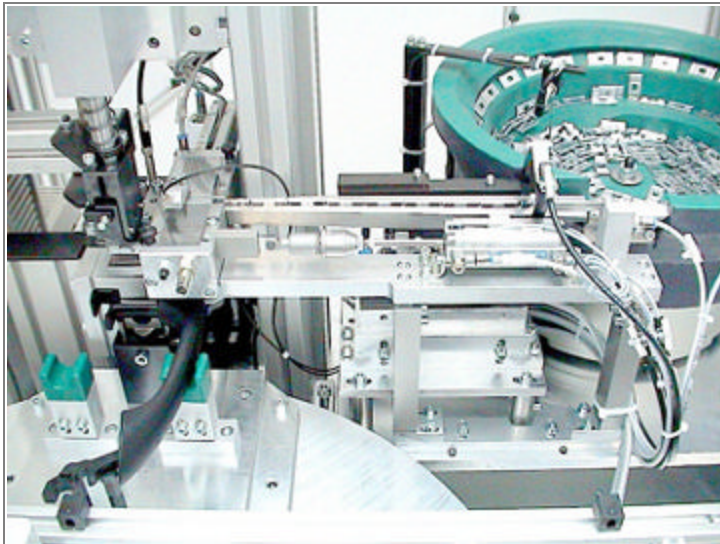
This Assembly Station sorts, feeds, and presses small slide components into door handles of a passenger car. The required insertion pressure is between 600 to 1000 Newton. An operator will preload the part fixture, located on a 2-position rotary index table, with all necessary parts and start the cycle by activating the single Opto touch-button.

Total cycle time per slide component is 3 seconds maximum; including the indexing time of the rotary index table.

This Station was designed and manufactured in 13 weeks.



Total Frontal View



View of Feeder with linear track, singulator and positioning cylinder

The unit consists of the following major components:

- Machine base made from aluminum profiles
- Two part fixtures with integrated parts presence sensors on a 2 position rotary index table, each able to accommodate both right and left handles
- Press unit for the slide component
- Component feeder with 2.5-liter filling capacity with supply hopper, linear track, singulator, and positioning cylinder
- Siemens S7 Controller with OP7 operator interface panel
- Light curtain to assure operator safety

Please click on the movie icon to watch a brief video clip showing the operation of this assembly station.



Click [here](#) to confirm that content has been read! To view additional machines from previous E-News, click [here](#).

Lori Logan
DEPRAG Inc.