

Please visit the DEPRAG web site at www.depragusa.com or the BadgerMeter website at www.badgermeter.com

DEPRAG helps BadgerMeter, Inc. "Go with the Flow"

Badger Meter is a leading marketer and manufacturer of products using flow measurement and control technologies, developed both internally and with other technology companies. Its products are used to measure and control the flow of liquids in a variety of applications.

Badger Meter has selected DEPRAG, to help with the assembly task of its innovative metering solutions, which designated for the utility markets.

This unit was designed and constructed for the assembly and leak testing of two different water meters (shown on the right). One product required the assembly of six screws and the other product needs eight screws.

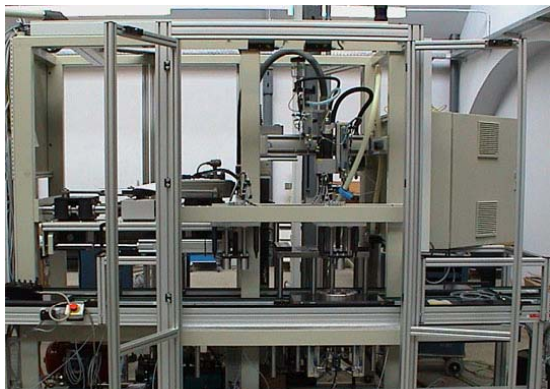


The Station's

- Load Station
- Alignment Station
- Part Press & Bolt Drive Station
- Leak Test Station
- Marking Station
- Unload Stations A & B

This System utilizes:

- Allen Bradley SLC505 PLC
- Maple Systems 10" Color Touch Screen OIT
- IAI Cartesian Robot
- Aalborg Mass Flow Meter
- Sprinter Ink Marker
- Bosch Dual Belt Conveyor



Screwdriving Station



Touch Screen OIT

Machine Purpose:

This machine was designed and manufactured in accordance with specifications from Badger Meter. The system will auto-feed screws, drive multiple screws to a preset torque and performs pressure testing.



Please click the movie icon to access our web-page and view a movie clip, showing this assembly machine in action!

[Movie No. 8: Screwdriving & Pressure Test Machine]