

**PROJECT: Magnet Assembly to Cast Iron Parts**

Full line automated assembly cell including three separate rotary indexing tables, material handling system, and UV curing system. The first dial assembles five different sub-components including adhesive dispensing. Finished products are cured and transferred to the second assembly system for additional assembly and final UV curing.

FEATURES:

- 7 second machine cycle
- Two-part adhesive dispensing systems
- Automatic screw driving and torque unit
- Multi-stop Indexing dial with cam driven pick and place units
- Walking beam transfer system
- Automated material handling

BENEFITS:

- Increased production rate with decreased labor requirement
- Improved reliability of process compared to pre-existing
- Minimized manual product handling of heavy parts
- Capability of assembling multiple part sizes



2701 Progress Road • Madison, Wisconsin 53716
608-222-9000 • Fax 608-222-9183 • www.isthmuseng.com
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