

### Automated Spray Application Equipment

AMI offers multiple solutions to complex spray applications. Our automated equipment complies with regulations for air quality testing with 100% VOC air capture systems in solvent bases processes. We specialize in self-contained systems for smaller part coatings.



- Index spray equipment for primer and top coat adhesive application.
  - Operator load and unload single part spindles.
  - Index and process two spindles per cycle.
  - Multiple sizes (6" and 8" center machines currently designed).
  - Separate primer and top coat application booths.
  - Primer presence verification.
  - ID & OD spray application.
  - Rotate and spray concept.
  - Custom tooling to mask as necessary.
  - 100% capture air system.
  - Clogged filter warnings.
  - Programmable gun positions & pressures.
  - Programmable pre-heat and curing tunnels.
  - Customized for specific applications including painting.



- Tumble spray equipment for bulk parts with primer and top coat adhesive.
  - Fully automated system.
  - Bulk loading from large containers.
  - Pre-heat in batch sizes determined by weight.
  - Tumble & spray concept with 100% coverage.
  - Programmable spray times, gun pressures, and pre-heat time.
  - Unload into any container size by weight.
  - 100% capture air system.
  - Clogged filter warnings.
  - Customized for specific applications.





- Chain-on-edge paint line for water based paint.
  - Operator load and unload part spindles.
  - Continuous cycle index, rotate & spray concept.
  - Programmable gun positions & pressures.
  - Temperature controlled cure oven.
  - Vision coverage verification.
  - Auto unload and tote advance system.
  - Customized for specific applications.
  - Also built in index table design.
  
- Robotic bond equipment (not pictured)
  - Operator load and unload part pallets.
  - Robots spray primer and top coat.
  - Motoman or Fanuc robots.
  - Primer presence verification.
  - 100% capture air systems.
  - Clogged filter warnings.
  - Programmable gun positions & pressures.
  - Pre-heat and curing tunnels.
  - Customized for specific applications.

As an industry leading equipment manufacturer, our equipment is designed and built with the highest quality in mind. We use industry standard products such as Allen-Bradley controls and Numatics and Parker pneumatic products.

For more information or quote please contact Zach Arnold, [zach@arnoldmachine.com](mailto:zach@arnoldmachine.com)