



Fast
& Under
Control.



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Fast & Under Control.

Need help designing or building customized automated spray application equipment? Arnold Machine, Inc. has the expertise to offer three categories of customized spray equipment:

- **Index Spray Equipment**
- **Tumble Spray Equipment**
- **Robot Spray Equipment**

See inside for more details.

Fast & Under Control.

Spray Equipment From Arnold Machine, Inc.

*Need help developing complex customized automated spray application equipment?
Perhaps your engineering department has plans for one to be built.
In either case, Arnold Machine, Inc. (AMI) can assist you.*

Why Choose Arnold Machine?

Our Expertise.

We've developed processes to produce top-quality automated spray equipment for various applications including anti-vibration parts and vibration isolation components. Our processes result in equipment that will work for thousands of components. So whether your industry is automotive, appliance, heavy equipment, the military, or another, we can design and build customized spray equipment to meet your specifications and production requirements.

Arnold Machine's automated spray application equipment complies with regulations for air quality testing, providing 100% VOC air capture systems. Our equipment is primarily used in primer and adhesive applications with rubber to metal bonded parts, but there are numerous other applications for the equipment.

As an industry leader, AMI equipment is designed and built using the highest quality, industry standard components such as: Allen-Bradley® controls as well as pneumatic products from Numatics, Inc. and Parker Hannifin Corporation. Current customer references are available upon request.



We Offer Three Main Categories of Spray Application Equipment:



Robot Spray Application

- Operator loads and unloads part pallets.
- Robots spray primer and topcoat.
- Motoman® or FANUC® robots.
- Primer presence verification.
- 100% air capture systems.
- Clogged filter warnings.
- Programmable gun positions & pressures.
- Pre-heat & curing tunnels.
- Customized for specific applications.

Tumble Spray Application

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

Index Spray Application

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

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About Arnold Machine, Inc.

Arnold Machine, Inc. is a full-service designer and manufacturer of high quality, innovative automated equipment and industrial services. Centrally located near major interstates and railways in Tiffin, Ohio, AMI has the ability to provide customized equipment to local, regional, and national customers. Our philosophy is simple: 100% customer satisfaction. Our team of experienced engineers, electricians, and machine builders constantly seeks client feedback and input throughout the design-build process in order to control costs and improve production.

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