



Automatic Viscosity Control Mixing Station

Standard Features & Benefits

- The machine is entirely made in the USA
- 20 Gallon stainless steel mixing tank with integrated agitator
- 5 Gallon part A material load station with pail cover and integrated agitation
- 55 Gallon part B load station with pickup tube
- Integrated pneumatic diaphragm pumps for part A & B
- Integrated viscosity control and level monitoring in the mix tank
- Fluid output filter module
- Integrated fluid recirculation system
- Integrated fluid agitation
- Arnold Machine 100% air capture design to prevent solvent laden air from escaping the machine. NFPA Class 1, Division 1 explosionproof
- Access door with viewing window
- Water based fire suppression system
- Filter change alert on the touch screen
- Carbon steel construction, powder coated 7035 Machine Grey



Tyson Woessner
Director of Business
Development



Scan for more
information and
financing options



General Information



The Arnold Machine Automatic Viscosity-Controlled Bulk Mixing Station is engineered for flexibility and performance. Designed with a modular approach, it offers a wide range of customizable features to accommodate various spray application lines and mixing tank configurations.

In any automated spray process, achieving consistent quality while minimizing material waste is essential. One of the primary challenges is maintaining uniform material viscosity, which directly impacts coating performance and finish quality. Continuous agitation plays a critical role in preventing premature settling, reducing waste and ensuring reliable, repeatable results.

Safety is also a top priority. The system is built to meet stringent safety standards, providing secure operation even when handling hazardous or flammable materials.

Specifications

- **Machine Dimensions**

- (Single Material) - 10 ft. tall x 5 ft. deep x 6 ft. long

- **Utility Requirements**

- 120 VAC - Single Phase 60 Hz - 20 AMP power
- 3/4 in., 60 PSI compressed air
- 1 in., 35 PSI fresh water supply
- 6 in. Exhaust Duct outside of the building (if desired)

- **Control System**

- NEMA 12 main control panel
- UL approved 24 VDC controls package with Allen-Bradley CompacLogix PLC and ProFace 10 in. touch screen control panel
- Red, yellow, green stack light



Optional Items

- Dual stations for mixing two materials at the same time
- Internal cabinet lighting
- Canadian CSA certification
- Service plans and options



“Arnold Machine has not only been a turnkey solution provider for robust coating & material handling equipment, but a great partner with support & service.”

- Oil & Gas Manufacturer

Here at Arnold Machine, we have a whole team of experts ready to help with your Coating System needs. Give us a call at 419-443-1818

