



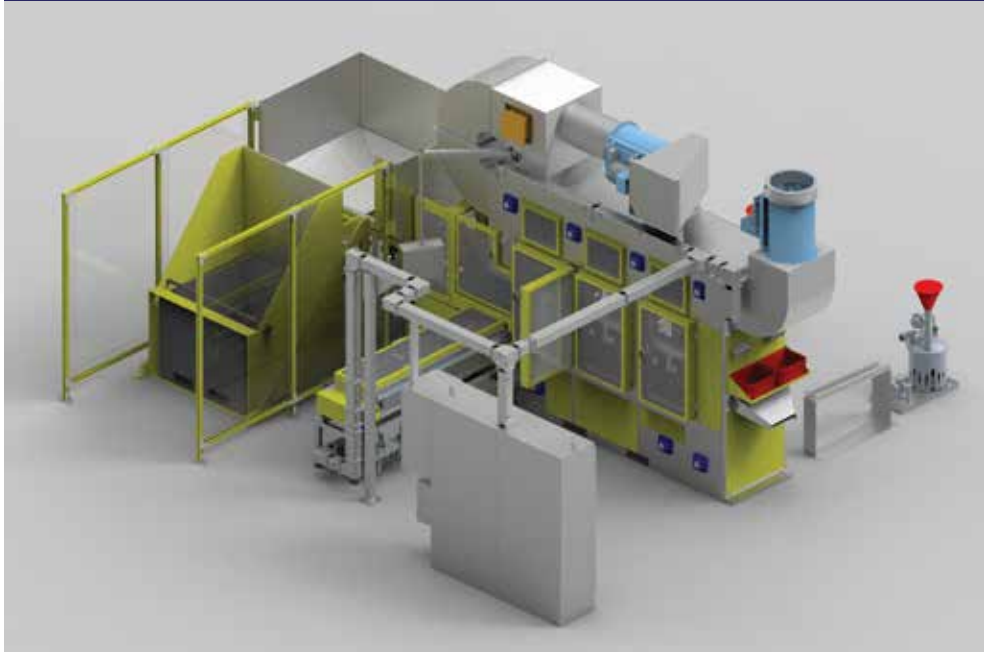
Roll Transfer Coating System

Standard Features & Benefits

- Completely manufactured in the United States
- Automatic load and unload
- Up to 2,880 parts per hour coated and dried
- Fluid control system includes:
 - 5 ga, stainless steel fluid pot for each material with level sensors
 - Integrated fluid recirculation system
 - Integrated fluid agitation
 - Integrated fluid filtration
- Integrated coating detection sensing and automatic failed part diversion
- Integrated electric pre-heat and drying stages
- Arnold Machine 100% air capture coating booth design to prevent solvent laden air from escaping the machine. NFPA Class 1, Division 1 explosion-proof
- Fresh air intake
- Safety interlocked access doors with viewing windows
- Water based fire suppression system
- Ability to create and save the multi-point, custom configuration recipe in the touch screen
- Operator cycle start/stop & emergency stop
- Integrated lifting eyes and forklift pockets
- Carbon steel construction, powder-coated 7035 Machine Grey



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General Information



The Arnold Machine Roll Transfer Coating System is commonly used for high volume, smooth diameter tubular parts that require external coating coverage. The system can apply paint, adhesive, rust preventative, lubricant, or virtually any other solvent or water-based material needing to be applied. The system utilizes an automatic feeding and load/unload that does not require an operator to manually operate.

The machine is Class 1, Division 1 explosionproof with fully enclosed coating and heating stages designed for 100% transfer efficiency of coating materials. The system can apply up to three different materials with a drying stage between each. The system also includes a preheated stage prior to the first coating station. Finish coated and dried parts are automatically unloaded into a bulk container.



Tyson Woessner
Director of Business Development

Specifications

- **Machine Dimensions**
 - 12 ft. tall x 20 ft. wide x 22 ft. deep
- **Utility Requirements**
 - 480 VAC - 3 phase - 60 Hz - 100 AMP
 - 3/4 in., 60 PSI compressed air
 - 1 in., 35 PSI fresh water supply
 - 14 in. Exhaust Duct outside of the building
- **Control System**
 - NEMA 12 main control panel 480v main disconnect
 - UL approved 24 VDC controls package with Allen-Bradley CompacLogix PLC and ProFace 10 in. touch screen control panel
 - Red, yellow, green stack light
 - Adjustable temperature, conveyor speed, and roll speed



Optional Items

- Spare roller assembly and pans
- Material flow rate sensor
- 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

