ARNOLD machine

Automated Rotary Basket **Immersion Washer**

Standard Features

- Dynamic motion basket cycle to ensure complete cleaning of hard-to-reach areas
- Customizable cleaning recipes allowing simple changeover between different parts and cleaning requirements
- Stainless steel liquid level float switches to control tank levels
- Solenoid valve for automatic level control of wash and rinse tank water levels
- Twelve standard Kadon 6” x 12” x 18” baskets with lids
- One-year warranty on parts and labor for components and workmanship, and ten-year limited warranty on structural integrity

Optional Items

- Remote troubleshooting
- Blow-off heat (24kW)
- Tank insulation with stainless steel skin
  - Recommended for water temps above 140F and overall heating efficiency
- Ultrasonics
- Viewing window with integrated lighting
- Filter housing pressure transmitters
- Mist Collector
- 25ga Coalescing Oil Removal System (can be added to wash and/or rinse circuits)
- Automatic Chemical Monitoring & Addition
- Single Point Tank Drain
- Canadian CSA Certification
- Service Plan Options
- Additional Baskets & Customized Fixturing
- Fresh water rinse cycle



General Information

MADE IN USA AMERICAN PRODUCT

The Arnold Machine Automated Rotary Basket Immersion Washer is a versatile cleaning system designed for small parts with demanding cleanliness standards. This 3-stage machine includes washing, rinsing,and drying processes. Ideal for cleaning fuel system components, electronic parts, stampings, machined components, and virtually any other items that fit within its 6” x 12” x 18” basket capacity.

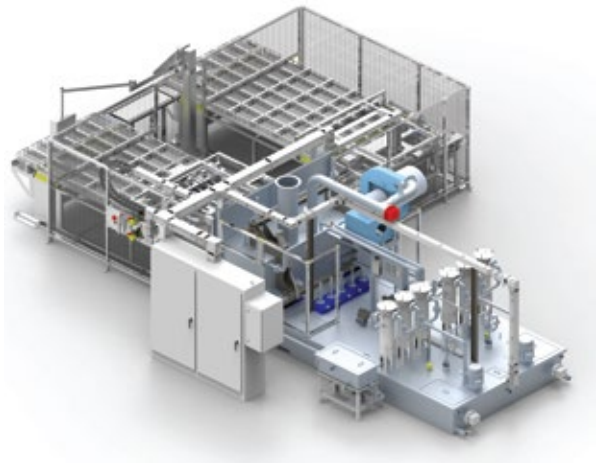
The machine presents a reliable design of over 40 years. Each cycle includes a timed immersion and rotation within the wash basin, followed by a rinse cycle. Both processes are enhanced by high-pressure spray heads. Additionally, a freshwater rinse can be incorporated into the cleaning process. For the drying stage, a high-pressure heated blower is utilized, along with a timed cycle to ensure that parts are thoroughly dried according to the requirements for each cycle.

The automation allows the machine to run unattended for seven wash cycles when fully loaded. This is nearly two hours of run time for an average wash cycle. Further robotic automation could be added in certain applications to extend that even further.

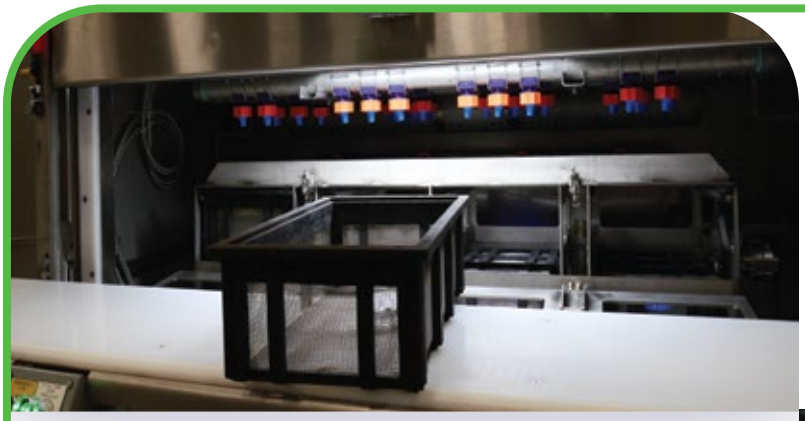
Scan for more information and financing options

Specifications

- Machine dimensions - 33' long x 23' wide x 10' tall - approx. 15,000 lbs dry weight
- 38" operator load height with stainless steel load table
- Base machine is 10 ga stainless steel
- Tank floors are pitched to a 2" drain valve
- **Utility Requirements**
  - 480 VAC / 3 phase / 60 Hz / 400 AMP power
  - 3/8", 80 PSI compressed air
  - 1", 35 PSI fresh water supply
  - Two 2" NPT tank drains
- **Control System**
  - NEMA 12 main control panel, 480 v, 400 amp main disconnect
  - UL approved 24 VDC controls package with Allen-Bradley CompacLogix PLC and Weintek 10" touch screen HMI
  - Pre-programmed wash cycle recipes customizable to specific needs
- 500 ga wash and rinse tanks, each with 15hp, 180gpm pumps and 60 kW electric heaters in each tank
- 15 hp centrifugal dry off blower
- 1/4 hp basket rotate drive motor







"We could not be more pleased with the equipment received and the work performed by Arnold Machine. We are happy to have found a hard working company willing to step up to our demanding requirements."

Firearms Supplier

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

