

ARNOLD machine

Standard Features & Benefits

- Completely manufactured in the United States
- The base machine is constructed out of 10ga stainless steel and features 2" insulation covered with 16ga polished stainless steel
- Plumbing is 304 stainless steel pipe
- Tank floors are pitched to a 2" stainless steel drain valve
- Belt speed is adjustable from 2 fpm to 12 fpm via touchscreen
- Manual upper & lower spray header throttling control valves
- Easy removal and maintenance of spray headers
- Safety interlocked cabinet access doors and emergency stops at both ends
- Stainless steel bag filters for wash and rinse tanks
- Stainless steel liquid level float switches to control tank levels
- Solenoid valve for automating make-up of wash and rinse tank water levels
- Lift off access covers on the top of the tanks providing access to chip & debris collection baskets
- Large tank doors for easy access for cleaning and maintenance
- Filter change alert on the touchscreen display
- Customizable cleaning recipes allowing simple changeover between different parts and cleaning requirements
- Integrated lifting lugs
- 1-year parts & labor warranty on components & workmanship, and 10-year limited warranty on structural integrity



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3-Stage Continuous Belt Washer



General Information

The Arnold Machine 3-Stage Continuous Belt Washer is a general-purpose washer suited for high volume cleaning applications and multiple part sizes and geometries. The machine is ideal for in-line production processes where cleaning is required between stages, or for final wash applications.

Our standard offering features a proven design of over 40 years with a stainless steel mesh belt available in 3 different widths and 2 different opening height options. The cycle consists of a heated wash stage, heated rinse stage, and a heated, high pressure blow off stage. The stages are offered in various lengths determined by specific process requirements. Belt speed is adjustable via the touchscreen and can be programmed into a part specific recipe.

Specifications

Belt Width	12"	24"	36"
Wash/Rinse Stage Lengths (ft)	4"/6"	4"/6"	4"/6"
Blow-off Stage Lengths (ft)	4"/6"/8"	4"/6"/8"	4"/6"/8"
Wash/Rinse Tank Capacity (gal)	200	200/300	300
Overall Machine Width (ft)	5"	6"	7"
Operator Load Height (in)	40"	40"	40"

• Utility Requirements

▪ Electrical

- 480 VAC - 3 phase - 60 Hz - 200amp or 400amp (depending on options)
- NEMA 12 main control panel with sequester 480v main disconnect
- UL approved 24 VDC controls package with Allen-Bradley CompacLogix PLC and Weintek 10" touchscreen control panel

▪ Water Supply

- 1" NPT



Optional Items

- Exhaust Fan
- Mist Collector
- 25gal Coalescing Oil Removal System (can be added to wash and/or rinse tanks)
- Automatic Chemical Monitoring & Addition
- Noise Reduction Package
- Single Point Tank Drain
- Canadian CSA Certification
- Service Plan Options
- Remote Diagnostic Access
- "Gull-wing" maintenance friendly access doors