ARNOLD
machine

2-Stage
Pallet Washer



Standard Features

- Belt speed is adjustable via touchscreen
- Easy removal and maintenance of spray headers
- Stainless steel liquid level float switches to control tank levels
- Solenoid valve for automating make-up of wash and rinse tank water levels
- Customizable cleaning recipes allowing simple changeover between different parts and cleaning requirements
- 1-year parts & labor warranty on components & workmanship, and 10-year limited warranty on structural integrity

Optional Items

- 2" cabinet/tank insulation with polished 16 ga 304-stainless steel
  - Recommended for water temps above 140 F and overall heating efficiency
- Mist collection unit with 3,000 cfm and 7.5 hp motor
- 25 gal coalescer for oil removal
  - Recommended for high oil loads
- High volume bed/conveyor filtration system
  - Recommended for high levels of debris
- Automatic Chemical Monitoring & Addition
- Noise Reduction Package
- Single Point Tank Drain
- Canadian CSA Certification
- Service Plan Options
- Remote Diagnostic Access

General Information

MADE IN USA
AMERICAN PRODUCT

The Arnold Machine 2-Stage Pallet Washer is specifically designed for high volume plastic pallet washing and drying. The machine is ideal for pallet processing depots and able to be integrated inline with other automated processes. The machine is well suited for robotic load and unload customization which is also offered by Arnold Machine.

The machine features a proven design of over 40 years with stainless-steel construction and proven components. The cycle consists of a heated, pressurized wash stage and an ambient, high-pressure blow-off stage. The stage lengths are belt speed specific to wash and dry up to 400 pallets per hour. The machine is designed for 40" x 48" x 6" tall plastic pallets, however a longer length pallet or other transport dunnage could be cleaned in the system. The opening sizes are 8" tall x 42" wide.

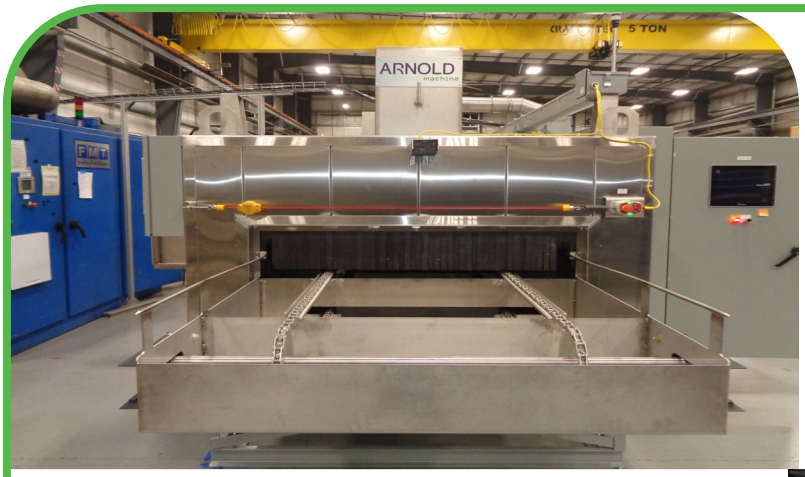
Scan for more information and financing options

Specifications

- Machine dimensions are 13' wide x 64' long x 11' tall
- 42" load and unload height with 4' of conveyor belt exposed at each end
- Stainless steel double pitch conveyor chains, variable speed and reversible
- 500 gal wash tank with 25 hp, 225 gpm wash pump and three 40 kW immersion heaters for a maximum water temperature of 145 F
- Two 40 hp, 9,600 cfm recirculating dry off blowers
- Exhaust fan
- **Utility Requirements**
  - 480 VAC / 3 phase / 60 Hz / 400 AMP power
  - 1", 35 PSI fresh water supply
  - 2" NPT tank drains
- **Control System**
  - NEMA 12 main control panel, 480 v, main disconnect
  - UL approved 24 VDC controls package with Allen-Bradley CompacLogix PLC and Weintek 15" touchscreen control panel
  - Pre-programmed wash cycle recipes customizable to specific needs







"Everything has been smooth in the engineering, production and quality of the product we purchased.
The Arnold team is knowledgeable and dedicated to our success."

Pete Saldana, Dir. of Continuous Improvement
iGPS

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

