

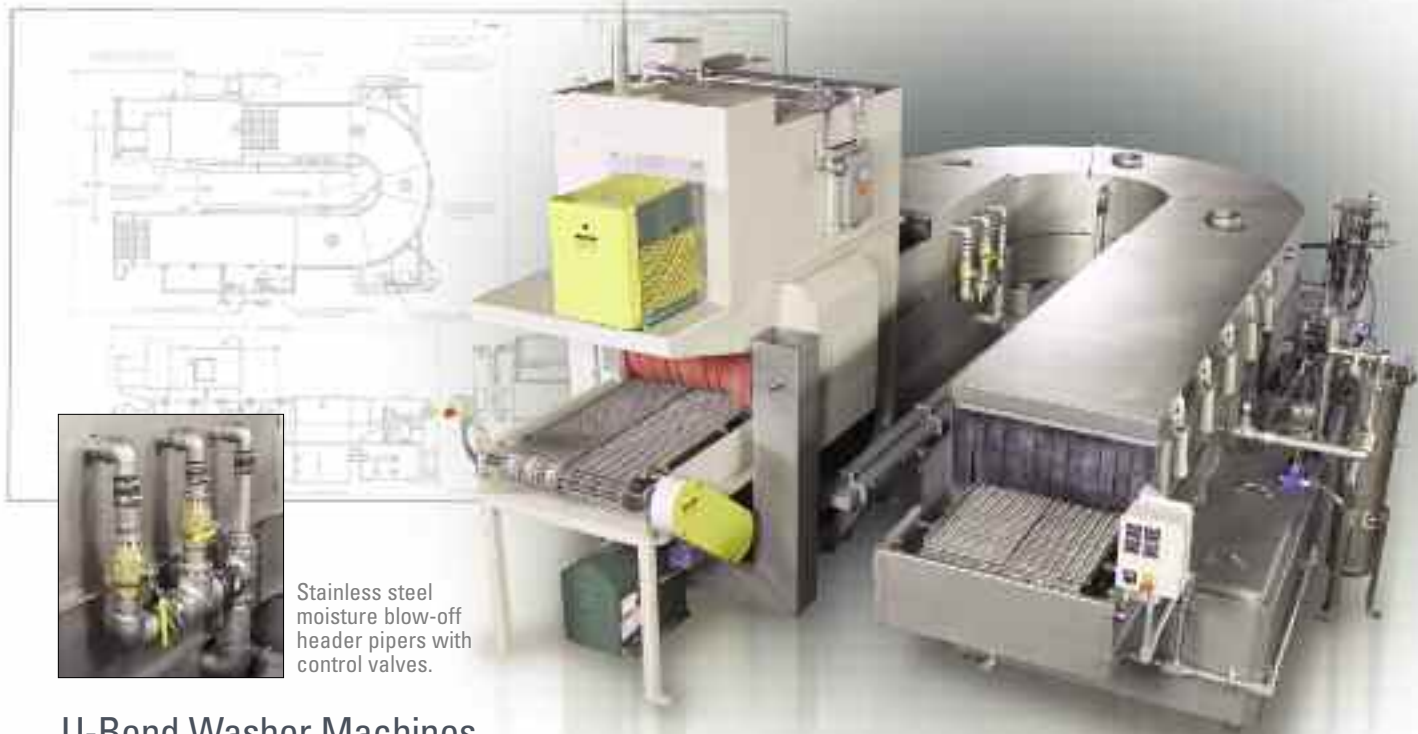


THE SCIENCE OF FINISHING

INDUSTRIAL CLEANING AND FINISHING SYSTEMS



Parts Washers, Dryers and Complete Cleaning Systems



Stainless steel moisture blow-off header pipers with control valves.

U-Bend Washer Machines



Six (6) stainless steel washer manifolds to provide 360° spray pattern through stainless steel clip-on nozzles.



U-bend belt washer construction showing 1st and 2nd stage rinse hoods on 180° turn and electrical panel.



Five (5) 18 K.W. screw plug immersion heaters with stainless steel elements.



#1 rinse station showing hood and stainless steel bag filtration system.

ALMCO offers...
the cost-saving solutions to cleaning problems you would expect only from the leader in industrial finishing.

Almco — the leader in Industrial Finishing Systems for over five decades — offers the final equipment solution to your cleaning and drying problems! We've applied our engineering and field expertise gained from manufacturing machines for deburring parts, to solid systems designed for washing and drying in industry.

With Almco you can choose from custom-designed or standard line units for either batch or continuous processing.

Update your plant, and fill your manufacturing process needs with parts cleaning machines built in the Almco tradition — with superb quality, durability, safety, and operational ease!

Flat Belt Washers — In-Line and U-Bend Designs — clean up your part of the act! Put Almco Super Spray to work washing your parts.

Flexibility is the design key for Almco flat belt parts washers. Parts travel through the tunnel on either woven or flat wire belt construction with contaminants of oil or grease removed by powerful compound/water spray rinses provided by adjustable nozzles.

Almco cleaning systems operate with one continuous belt to feed parts through washing, rinsing and drying chambers.

Continuous or batch parts cleaning and drying for industry! Almco meets that challenge with skill that built our renowned metal finishing reputation. We build custom products to individual needs — and we've got the in-plant case histories to prove it!

Model PWRBD24-96E-U Multi-Stage U-Shaped Conveyor Belt Wash/Dry System

Features:

- Five stage wash, rinse, 2nd rinse, blow-off and drying unit
- Variable speed 24" wide stainless steel belt with 1" x 1" openings
- All stainless steel construction
- Two (2) stainless steel bag filtration units
- 96" long wash section with 385 gallon insulated tank
- Two (2) rinse sections located on the conveyor at 180° turn. Each has 165 insulated gallon tanks
- 48" long moisture blow-off section with 15 H.P. regenerative blower
- 48" long forced air electric dryer
- Remote conveyor controls
- Exhaust duct connections
- Removable stainless steel chip basket
- Emergency stop buttons
- Oil wheels
- Automatic solution make-up systems



Discharge end of parts washer showing stainless steel blow-off section with stainless steel moisture blow-off header and drive unit.

Multi-Stage In-Line Conveyor

MODEL PWRB18-48E Multi-Stage In-Line Parts Wash/Rinse/Blow-Off

FEATURES:

- Three stage wash, rinse or inhibit, and blow-off
- Variable speed 18" wide stainless steel belt with 1" x 1" openings
- All stainless steel construction
- Two (2) stainless steel bag filtration units
- 48" long wash section with 290 gallon insulated tank
- 36" long rinse section with 145 gallon insulated tank
- 18" drainage section prior to blow-off section
- 24" long moisture blow-off section with 10 H.P. regenerative blower
- Four (4) 15 K.W. immersion heaters for wash tank
- Two (2) 15 K.W. immersion heaters for rinse tank
- Automatic solution make-up systems
- Removable stainless steel chip basket
- Exhaust duct connections
- Emergency stop buttons on both ends



Wash and rinse section. Stainless steel hoods in open position showing stainless nozzles and stainless manifolds.

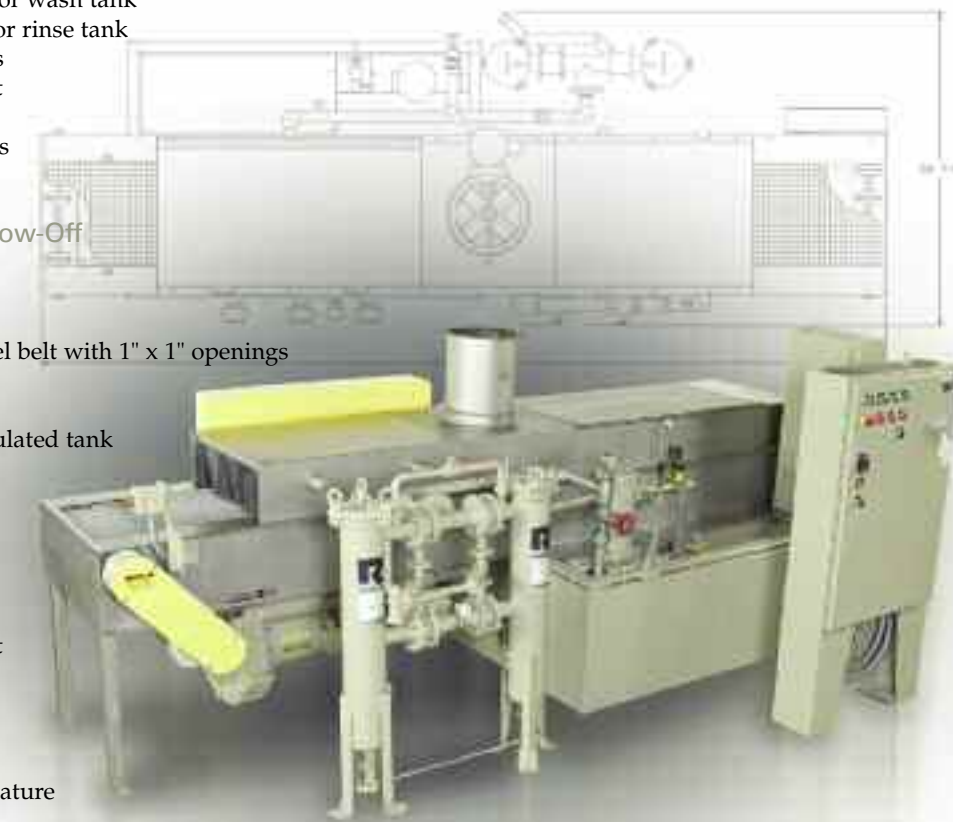
MODEL PWB18-48E Multi-Stage In-Line Parts Wash/Blow-Off

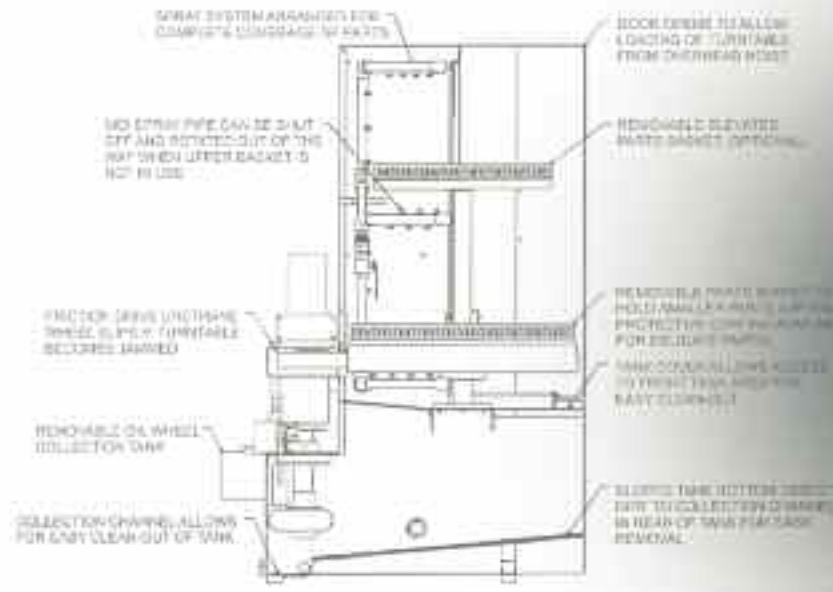
Features:

- Two stage wash/blow-off
- Variable speed 18" wide stainless steel belt with 1" x 1" openings
- Stainless steel construction
- "Duplex" bag filter shown
- 48" long wash station, 290 gallon insulated tank
- 12" diameter tube axial exhaust fan
- 36" long moisture blow-off section with 10 H.P. regenerative blower
- NEMA 12 electrical enclosure
- Separate operator controls
- Remote emergency stop buttons
- Removable stainless steel chip basket
- Automatic solution make-up
- Three (3) 18 K.W. immersion heaters

FILTRATION OPTIONS:

- Cyclonic with Air Hydro Skimmer feature
- Cartridge
- Bag





Rotary Parts Washers

MODEL RCW-36E
Front Load Cabinet Parts Washer Stainless Steel

Standard features:

- Oil wheel with collection tank
- Removable chip basket
- Adjustable spray pressure
- NEMA 12 electrical enclosure
- Door safety interlock
- Adjustable wash cycle timer
- Electric immersion heater

Optional features:

- Tank Level Option – features heater protection and automatically maintains liquid level of tank
- Elevated Parts Basket – provides a second tier for increased capacity of parts, protective basket coating available for delicate parts

Specifications:

- Turntable Size 36" Diameter
- Work Opening 38" W x 50" H
- Load Height 32" High
- Overall Size 55½" W x 85¼" H x 57½" D
- Tank Sizes 114 Gallons
- Heater Size 18 KW (1)
- Drive Size 1/4 HP DC
- Pump Sizes 5 HP (10 HP opt.)
- Max. AMP Draw 25A @ 480 Volts

Rear view of RCW-36E.



CW30-24 custom cabinet style spray washer designed to process a 24" long aluminum oil pan.

CABINET SERIES FOR "ON-LINE" CLEANING IN MANUFACTURING WORK CELLS

With an emphasis on quality and compact design. Almco introduces a new line of Cabinet Parts Washers for industry. The Almco system not only cleans your product, it filters, cleans and reclaims your cleaning liquids with several optionally available filtration systems in one smooth, energy, cost and time-saving operation.

Features:

- Front loading
- Pass-through designs also available
- Ideal for manufacturing work cells
- Excellent for general purpose cleaning
- Multi-stage units available

Filtration options:

- Cartridge
- Bag

Almco Cabinet Series Washers:

- Washing
- Cleaning
- Excess Chip Removal
- Degreasing
- Inhibiting
- Moisture Blow-Off

Standard features:

- Oil Skimming Wheel
- Solution Make-up System
- Process Timers
- Removable Chip Basket
- Door Safety Interlocks

Cabinet and Rotary Parts Washer

MODEL RCWR-72E
Front Load Cabinet Parts Wash/Rinse/Blow-Off

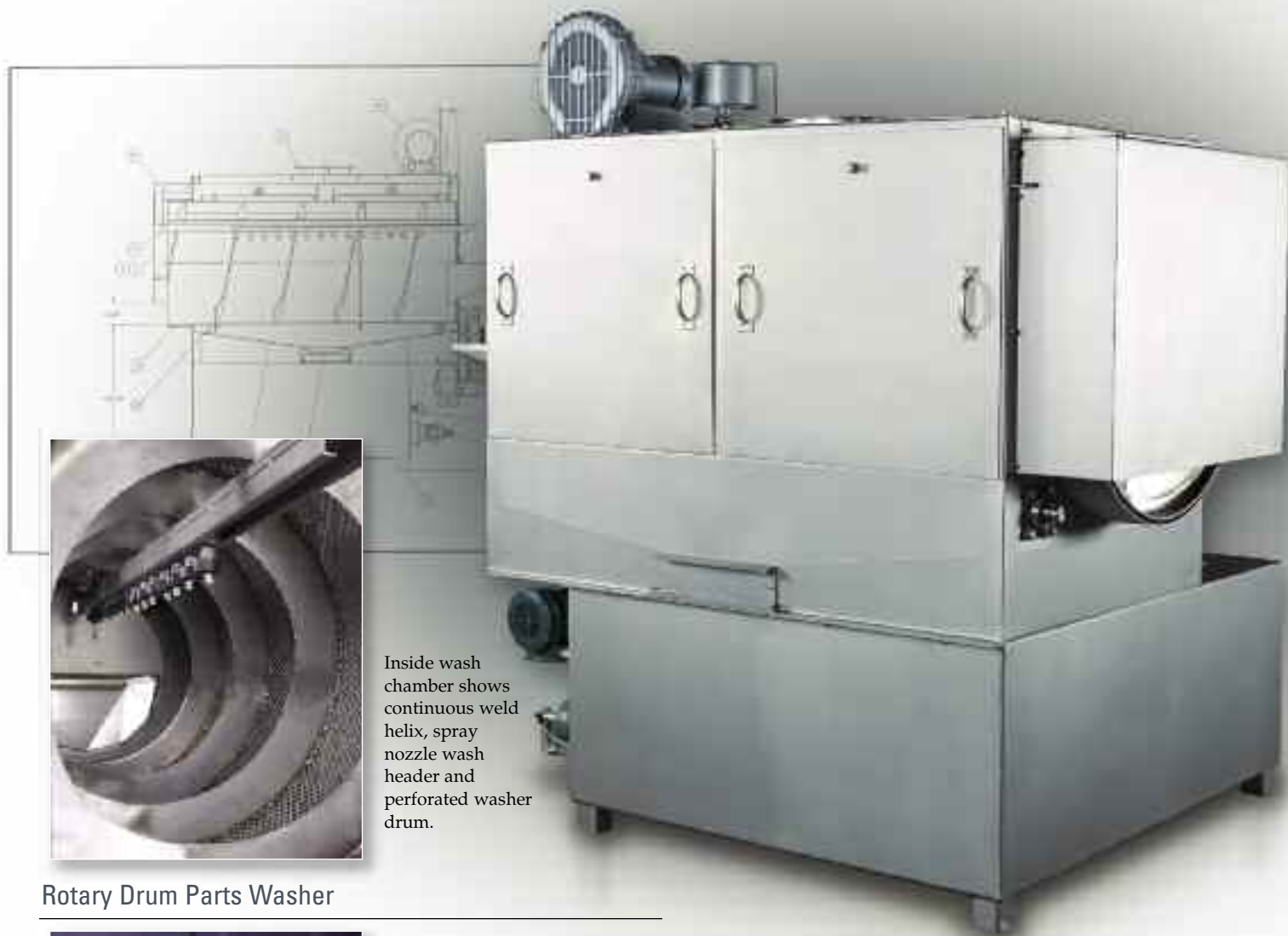
Features:

- 72" diameter turntable
- Spray wash
- Spray rinse
- Moisture blow-off
- 2500 lb. capacity
- Stainless steel cabinet
- 220 gallon wash tank
- 110 gallon rinse tank
- 1" spray headers for top, bottom and side spray with adjustable pressure
- 5 HP centrifugal blower for moisture blow-off
- Five (5) 15KW heaters
- 2" insulation on tank walls
- Removable stainless steel chip baskets
- NEMA 12 electrical enclosure
- Adjustable wash/rinse/blow-off cycle timers
- Oil wheel
- Digital temperature controls

Specifications:

- Turntable Size 72" Diameter
- Work Opening 72" x 36" High
- Load Height 42" High
- Overall Size 96" W x 108" H x 96" D
- Tank Sizes 220 Gal. Wash, 110 Gal. Rinse
- Heater Size 15 KW (5)
- Drive Size 1/2 HP DC
- Pump Sizes 5 HP Wash, 2 HP Rinse





Inside wash chamber shows continuous weld helix, spray nozzle wash header and perforated washer drum.

Rotary Drum Parts Washer



Rotary drum washer barrel with panels removed.



Rotary drum inlet chute, chain drive mechanism and gas heat valve train option.

Almco — the leader in supplying industrial washers and dryers also excels in design applications for rotary drum parts washers and dryer systems. These unique units are for continuous small parts cleaning and drying when other type conveyor belts or basket applications won't work. Parts are spiraled through the cleaning drum chamber via the helix and are both submerged in liquid and sprayed via a nozzle-equipped manifold for complete tumbled cleaning. This unit is a complete feed-thru operation, which allows for parts to be fed directly from the washer section to a rotary drying system if required.

Model 3072W-G Rotary Drum Parts Washer

Features:

- 30" diameter x 72" long perforated stainless steel washer drum
- Continuous welded helix on both sides
- Variable drum speed from 0-6 RPM through an AC variable frequency drive unit
- 300 gallon wash tank
- Gas heat
- Stainless steel removable chip basket

Almco — your single source for all your parts cleaning needs!

Washer / Dryer Features and Auxiliary Equipment



U-bend washer spray manifolds, stainless steel conveyor belt and heavy-duty track assembly.



Stainless steel wash and rinse section hoods to show spray manifolds.



Anti-rust drag-out conveyor system complete with heaters and moisture blow-off. Features 12" wide belt and 85 gallon inhibiting tank.

With blow-off hood removed.



Heightened spray manifold for long parts.



Mist collector complete with Almco manufactured frame work and exhaust ducting.



Almco has a complete line of washing and cleaning chemicals for all your requirements.



Stainless steel bag filter housing with fittings.



Moisture blow-off header pipes for both above and below belt coverage of heated air.



Cleaning chemical automatic make-up system.



Custom Designed Systems

Deburring and Finishing Systems

- Round bowls
- U-shaped tubs
- Thru-feed tubs
- Material handling
- Spindle machines
- Robotic load/unload
- Tumbling barrels

Almco is the international market leader with its "TOTAL SYSTEM CONCEPT" design and manufacture of state-of-the-art finishing and cleaning equipment.

Almco has the most complete line of finishing and cleaning equipment in the industry. However, should you require something other than standard, Almco employs an experienced engineering staff capable of designing a custom system by combining standard units with newly engineered components... or a complete "one of a kind" custom system just for your needs.

Almco's "TOTAL SERVICE CONCEPT" means:

- Process development and guarantee
- Correct equipment selection – custom designed if required
- Media and compound recommendations
- Complete equipment set-up and run-off at Almco factory prior to shipment
- Field service engineers available for equipment installation and operator training at your facility
- On-going service and technical support

Washer and Dryer Systems

- Conveyor belt systems
 - In-Line design
 - U-Bend design
- Cabinet washers/dryers
- Rotary drum washers/dryers
- Monorail conveyor systems
- Maize dryers
- Modular designs for ease of customization

Let our Almco Engineers design a custom system specifically for your special requirements.

ALMCO offers a free sample part processing laboratory for your product satisfaction, performance guarantee. Contact ALMCO today to learn more about this FREE SERVICE.



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