

Girton Pallet Tote Washer, Model CW10P, Serial84012501, stainless steel conveyor belt 1 in W x 18 1/2 ft L, 3 ft 3 Height above belt, Gusher pump Model 11031-CIH Seal type 21 Serial K 40036 200 gpm (pump), 19 ft L x 7 ft 3 in H x 4 ft W.

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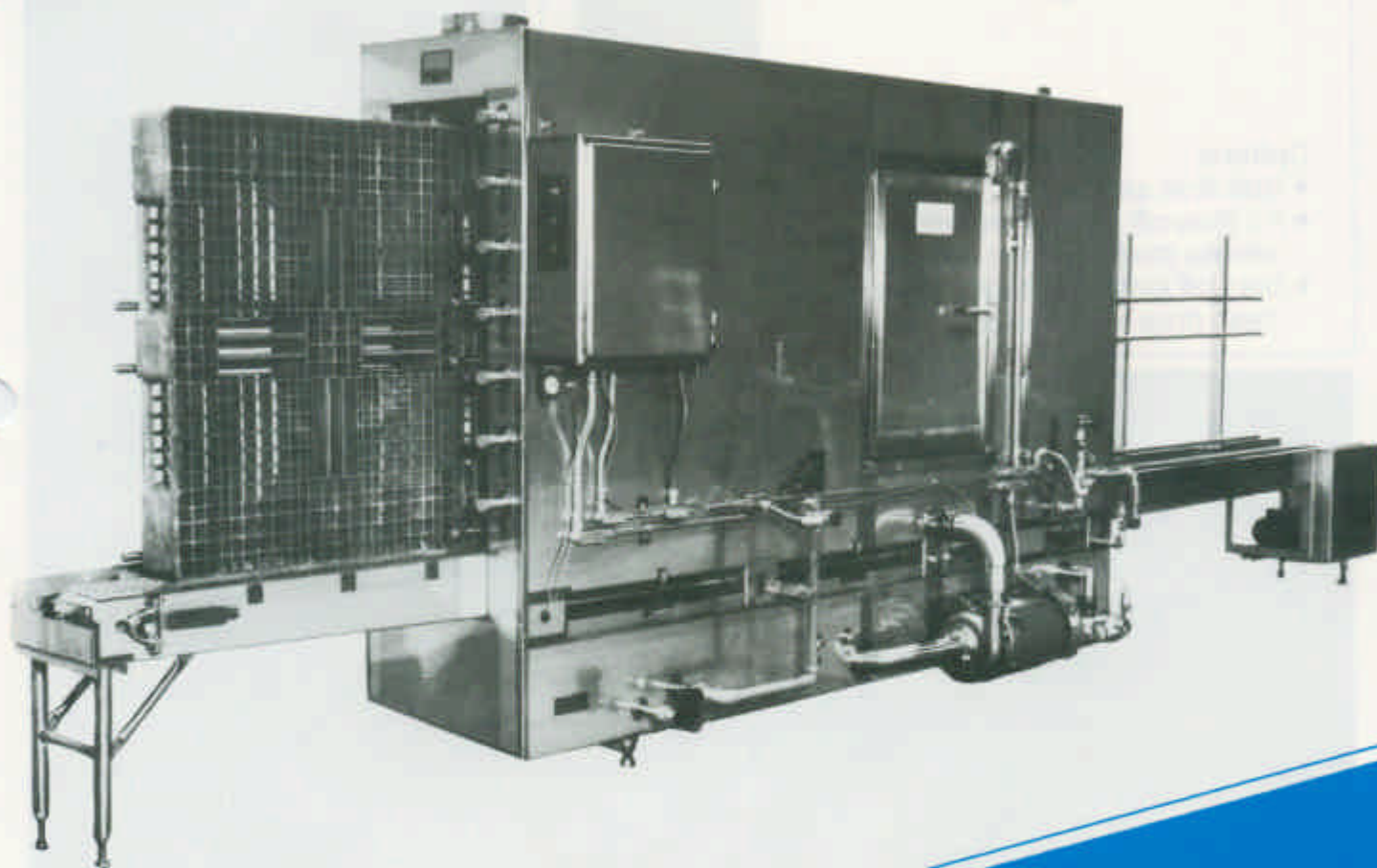
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• Girton Pallet Washer



MODEL CW10PS

Standard Features

- All stainless steel construction.
- Fixed-speed conveyor — to carry pallets thru the washer in a vertical position.
- 3 screens to protect pump and jets.

For Cleaning Plastic, Wood and Metal Pallets

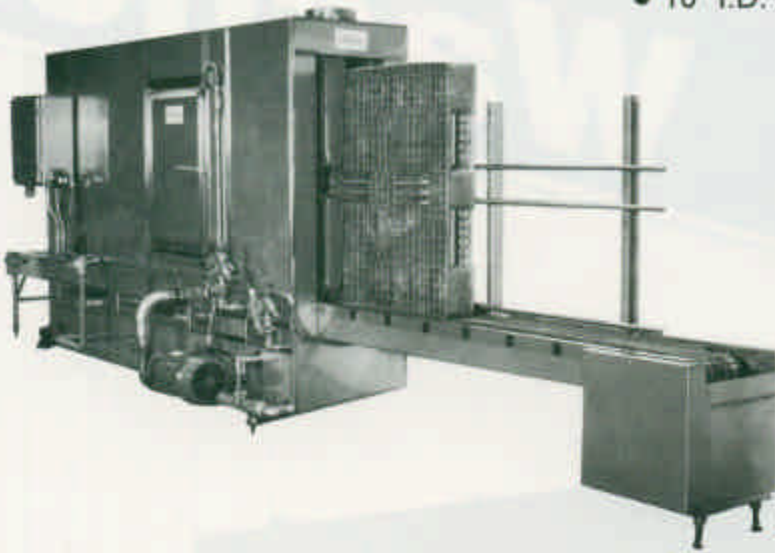
Clean pallets — Protect your products
Extend pallet life
Improve plant sanitation.

Clean 60 to 180 pallets per hour.
Completely assembled for easy installation,
hook-up the water, steam and electrical.....
washer is ready to go.

- 10 h.p. wash pump delivers 350 G.P.M at 80' head pressure.

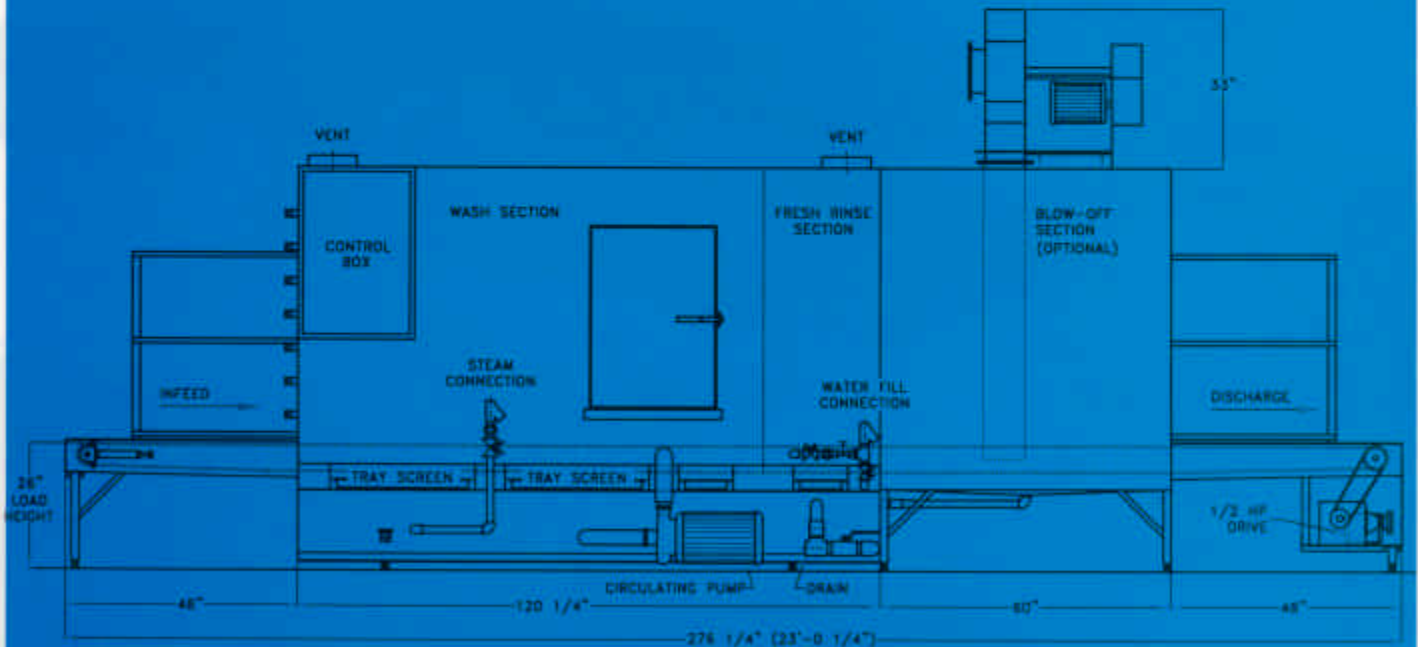
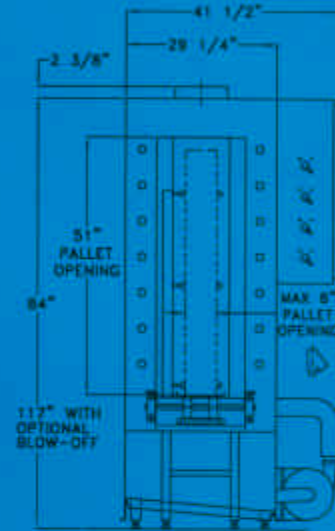
Other Standard Features

- Fresh rinse header using water from plant supply.
- Automatic steam temperature controls for wash.
- Special jet design provides efficient cleaning.
- 10" I.D. exhaust connection.



Options

- Stainless steel pump.
- Air blow-off section - removes excess moisture from pallets.
- Shut off switch for conveyor and fresh rinse when pallet is not removed.



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SPECIFICATIONS

GIRTON PALLET WASHER CW10PS Specification No. FS - CW10.dot

GENERAL

Girton CW-10PS Pallet Washer to wash and rinse plastic and wooden pallets up to 48" x 48" x 7-1/2" high at the rate of 60 per hour.

DIMENSIONS

Overall length - 18 ft., including 4 ft. infeed, 10 ft. wash and rinse section, and 4 ft. discharge.

Overall width - 42"

Overall height - 86" minimum

Load height - 26" minimum

Tunnel opening - 50" high x 8" wide

CONSTRUCTION

The tank, hull, infeed and discharge sections are fabricated of 14 gauge, type 304 stainless steel with 2B finish. All seams are welded and cleaned. Guide rails, conveyor channels, piping and headers with jet spray deflectors are stainless steel.

CONVEYOR

The conveyor consists of stainless steel conveyor chain and is designed to convey the pallets through the washer in a vertical position.

The conveyor will extend 4 ft. from the infeed and 4 ft. from the discharge ends of the washer, to facilitate loading and unloading the pallets. (Additional infeed and discharge conveyor is available as an option.)

Heavy duty stainless steel guide rails will support and guide the pallets through the washer.

DRIVE

1/2 Hp T.E.F.C. gearhead motor, arranged to carry the conveyor through the washer at a speed of 4 ft. per minute. (Optional variable speed drive is available.)

SCREENS

Drawer type stainless steel tray screens will be used, with perforations smaller than the jet openings, to trap debris and protect the pump and spray orifices.

SIDE ACCESS DOOR

A hinged, latched and gasketed door is located on the service side of the washer. This feature allows access to the center of the washer for cleaning and inspection.

VENT

A 10" I.D. circular exhaust connection is provided on top of the washer at each end, to be connected to customer's exhaust system.

HEATING

Temperature of the recirculated wash solution is controlled by an automatic temperature controller, steam solenoid valve and direct steam injector. (Optional steam coil for indirect heat is available.)

Rinse consists of a single spray loop spraying all outside surfaces at house temperature and pressure, controlled by a hand operated valve.

THERMOMETER

The wash tank will be equipped with an indicating thermometer.

WASH PUMP

The 10 Hp. wash pump is cast iron stainless steel fitted, horizontal, close coupled motor mounted type, T.E.F.C., and is rated at 360 GPM at 70 ft. hd.

JETS

The headers are equipped with straight through orifices and stainless steel spray deflectors, and are directly related to pump specifications.

OPERATION AND TREATMENTS

Load - The operator places the pallet in a vertical position onto the infeed extension. The guide rails are so designed that the pallet may be loaded and unloaded from the side. The pallet then moves at the pre-determined speed of 4 ft. per minute through the following treatments:

1. Wash - Wash solution at a temperature up to 150°F, as determined by the customer, is recirculated and sprayed onto all outside surfaces of the pallet.
2. Rinse - The house water supply, at house temperature and pressure, provides the rinse treatment. Consumption is 7 to 8 gallons per minute at 40 PSI.
3. Discharge and Unload - The operator removes the washed and rinsed pallet from the 4 ft. discharge extension of the conveyor.

STANDARD FEATURES

The machine is equipped with push button starters for individual motor control.

Heating is activated by a switch.

The washer will be wired and tested before leaving the factory.

A safety disconnect, provided by the customer, should be mounted on an adjacent wall, and customer will provide wiring from this switch to the washer's main control panel.

SERVICE REQUIREMENTS

3/60/230 volts, 1/60/115 volt controls, 60 amps.

1 - 10 H.P. wash pump.

1 - 1/2 H.P. conveyor drive motor.

1 - 1" steam connection (direct steam injection, 40 PSI minimum, 380 lb/hr consumption).

1 - 1" water line, 40 PSI minimum pressure, 8 GPM operating consumption.

1 - 2" gravity drain connections.

2 - 10" ID vent connection, total 1420 CFM required.

OPTIONS

1. Steam coil for indirect heating of the wash tank, 1" pipe size, 40 PSI minimum, 290 lb/hr consumption.
2. Variable speed drive control, to increase or decrease the conveyor speed 2 to 4 ft. per minute.
3. Rigid foam insulation, 1" on top and sides of the washer covered with 20 gauge stainless steel jacket.
4. Pass through heat exchanger to raise house 120° F. water supply to 180° F. for final rinse.
5. Automatic conveyor stop switch, activated by the pallet (in case the operator is not present to remove it as it discharges from the washer), shuts off the drive motor.
6. Final rinse conservation switch. Consists of solenoid valve to control final rinse water from plant supply, thereby conserving fresh water when no pallets are moving through the washer.
7. Pump pressure gauge.
8. Additional infeed or discharge conveyor.

9. All stainless steel circulating pump.
10. Air blow-off section, to remove excess moisture from the surface of the pallets. A squirrel-cage type blower is used to distribute air through stainless steel plena onto all surfaces of the pallets. (Adds 5 ft. to the overall length of the washer. Also adds 15 amps at 230 volts and 10 amps at 460 volts.)
11. Electric heat in lieu of steam heat 3/60/480 volt 165 KW for 150°F wash.
12. Electric heat in lieu of steam heat 3/60/480 volt 310 KW for 180°F wash.