



AUTOMATION DYNAMICS
SMARTWASH 1500
LAUNDRY CART WASH & SANITIZER

SMARTWASH 1500 FEATURES

- OPERATOR FRIENDLY CONTROL SYSTEM
- SANITIZES INSIDE AND OUTSIDE OF CARTS
- 5 ADJUSTABLE SANITIZER CYCLES
- WASHES
- SANITIZES
- DRYER (OPTIONAL)
- MINIMUM MOVING PARTS
- MINIMUM WATER USAGE
- HIGH IMPACT CLEANING
- AUTOMATIC SANITIZER CYCLE
- NON-CORROSIVE CONSTRUCTION

DESCRIPTION:

Automations Dynamics' SMARTWASH 1500 patent pending high impact rotating spraying nozzles are designed to wash the most popular laundry carts inside and outside. No complicated boom to hang up and break. Bin or shelf cart models are easily accommodated automatically by the SMARTWASH 1500 rotating spraying pattern. Simple to operate – load the cart into the SMARTWASH 1500 and push start. One and one half minutes later it's ready for unloading from the clean side of the system.

By substantially reducing the number of moving parts normally utilized in cart washing machines, Automation Dynamics' SMARTWASH 1500 enhances reliability and reduces lubrication requirements. All parts are designed for long life coupled with ease of replacement.

When using the SMARTWASH 1500, an automatic door operator system will open close the doors. The Sanitizer Computer control sends a signal during the cycle of the Sanitizer to the double acting air cylinder. These cylinders will automatically lock the doors open or closed according to the cycle of the Sanitizer. After end of a wash cycle the Automation Dynamics patent pending

**605 N. High Street
Independence, MO 64050
Ph: 877-482-7200
Fax: 816-461-8889
www.adllc.com**



Automated Cart Eject System. Ejects clean carts out the clean side of wash building.

The Automation Dynamics' SMARTWASH 1500 Sanitizer is manufactured entirely from quality material to ensure many years of use within a commercial laundry. This bacteria-resistant surface makes your SMARTWASH 1500 sanitizer easy to maintain and also helps meet government requirements year after year.

The SMARTWASH 1500 pumping plant comes as a separate unit offering adaptability for installation. The pumping plant can be placed in remote areas when space constraints dictate.

The optional SMARTWASH 1500 dryer system is located on the sanitizer structures roof. Utilizing the roof doesn't take up floor space and therefore provides a smaller building space requirement. The high pressure 12000 CFM blower helps remove the water from the cart through a sheeting action much like the blower of a car wash.

Automation Dynamics' SMARTWASH 1500 Sanitizer is a module-designed unit built for flexibility. The unit can be expanded to offer you the ability to wash a greater number of carts per hour. This lets you change the SMARTWASH 1500 Sanitizer, as your future needs change. The SMARTWASH 1500 Sanitizer starts as a single structure with a pumping unit that will wash and sanitize.

PUMPING PLANTS

Industrial 180° pump/motor with 5 rotating nozzles. Pumping unit holding tank with by pass valve, glycerin filled pressure gauge, piping grid for nozzles located inside the washing area, stainless steel high pressure connecting hoses.

SOFTWARE- CONTROLS FOR CARTWASHER

Interactive Control System with Programmable Logic Controller, Manual on/off start switch, including a interactive touch screen offering several wash profiles. This controller is totally interactive allowing wash options to be building on command on site and saved as a wash profile for auto selection.

OPTIONIAL TWISTER EXPANISON

Having problems getting excess water and waste out of your carts?
The TWISTER EXPANISON is ideal for:

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- BIO-HAZARDOUS INDUSTRIES
- HOSPITAL LAUNDRY
- SURGICAL LAUNDRY
- MEDICAL OFFICES

The design behind the TWISTER is to eliminate the need for a worker to physically tip over the cart and dump the excess fluids out. Through automation, the cart will be elevated and inverted. The cart will then be washed and sanitized. In the inverted position excess water and waste will flush down to a designated drain.

FOR HEAVY PRODUCTION UPGRADE MODEL 5000

The SMARTWASH 5000 will have a conveyor cart feed system that will move the carts through two Sanitizer modules. The first module will have the spinner chemical and washing nozzles where the cart will be washed and have the sanitizer chemical applied. The second module will be the dryer area, which allows a cart to be dried at the same time another cart is being washed and sanitized.

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DIMENSIONS:

- Sanitizer Single Structure
 - 7'6"H X 8'4"L X 7'6"W
- Door Opening
 - 6.5' H X 4' W

SPECIFICATIONS:

- 3 Phase Electrical Requirements (110 Volt 50 Amp 60Hz)
 - 3 Sizes of Pumping Plants to choose from:
 - 2HP
 - 5HP
 - 10HP
 - Wash 208-230/460
 - Dryer 10HP 208-230/460 46.5/21
 - Control Panel Dedicated 120 Volt 20 Amp
 - Water (*Based on choice of Pumping Plant*)
 - 180° Degree Water Max
 - 40 GPM 60 PSI Minimum
 - Air
 - ¼" Line 80 PSI less than 5 cubic feet
 - For auto door option

OPTIONS:

- AUTOMATIC DOORS
- 1200 CFM BLOW DRYER
- AUTO UNLOAD WITH CART DUMP & EXIT DOORS
- DRYER BUILDING MODULE (MODEL 5000 ONLY)
- TWISTER INSERT FOR BIO-HAZARD CARTS
- CHEMICAL APPLICATION

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