

# LAUNDRY CART WASHER/SANITIZER

The PIONEER Sanitizing Cart Washer features low consumption of water and energy, highly competitive pricing, and stainless steel construction.

With its multiple high-velocity water jets, the wash unit will effectively and quickly sanitize a cart. Using a unique fresh water exchange system, which ensures that sanitizing is achieved with minimum water consumption. The washer/sanitizing system saves energy and adds to operator comfort by using room-temperature water (although hot water may be used if desired). These units are suitable for washing and sanitizing virtually any metal or molded cart.

Stainless steel construction gives the Pioneer Washer/Sanitizer outstanding appearance, cleanliness, and resistance to external damage. Carts are easily loaded and removed. The unit can have "soiled" and "sanitary" side doors, and may be installed through a barrier wall, to prevent cross-contamination.



**DOUBLE DOOR UNITS**



**SINGLE DOOR UNITS**

**WARRANTY**—2 years on all parts over \$100.00.

### **SPECIFICATIONS**

Stainless Steel Enclosure  
All Flooding Arches Hot Dipped Galvanized Heavy Sealed  
Doors, (with window option) freezer type hinges & latches,  
Doors automatically locked during cycle  
Only Exit Door opens after cycle  
Only Entrance Doors open before cycle  
Hinged either left or right  
Washes both bin and shelf type carts

### **CONTROLS**

STOP/START Audio Alarm Cycle complete (Timed)  
1- System Ready Light  
2- Door Over Ride controls  
3- Function Indicator Lights

**DIMENSIONS** 7'6" Height 6' Width 10' Length

### **PUMP SYSTEMS SUMP**

If required 100GPM Pump-C/W 10 HP Motor

### **DRAWINGS SUPPLIED**

General Layout with Service Info Generic Pit Drawing showing Grating, Sump Pit and Overflow Concrete Curbs

### **SHIPPED READY FOR ASSEMBLY**

Needs only electrical Power Supply & field wiring-230v/460v/575v3ph 60amp service  
Require appropriate drain Connections.  
1" Fresh Water to Rinse Arch.

### **NEED TO KNOW**

Pit Dimensions if one is on Site  
Access Restrictions, i.e., elevators, small doors, low ceilings

## **“THE PIONEER CART WASH”**

There are several custom models of this basic unit shown, which are designed to wash one cart every 2-3min. Two door units, which will allow 2-4-6 units at once to be processed, are also available but require customer information. Please contact the factory for options

### **HOW IT WORKS**

#### **Typical Single door unit**

- 1- The door is opened and the cart is pushed into the wash system entrance and positioned at designated stop position.
- 2- The door is closed and the Start button pressed on the control panel
- 3- The door will automatically lock by means of an externally mounted 500lb force magnetic lock
- 4- The cart will now be washed by with 100 gallons of water drawn from the holding tank below the wash (*please contact the factory for concrete drawing*)

#### **Sanitizing the cart.**

- 5- The high volume pump begins flooding the cart from every angle; the cart is effectively submerging in a **(100gpm)** wall of sanitizing chemical solution.
- 6- The **“Wash / Sanitizing”** pump will continue to run for a measured time (*adjustable 90--120 sec*) and shut down
- 7- Each time the pump is turned on, a measured amount of fresh chemical is injected into the water flow.

#### **City water rinse**

- 8- The final rinse is the key ingredient in the **fresh water exchange system**, as well as enhancing the drying capabilities. After each **“Wash / Sanitizing”** cycle, approximately 3 to 10 gallons of fresh water and drying agent spray on the cart. The rinse time and water volume is also adjustable @ 5--30 sec
- 9- By Adding fresh water & chemical with every cart washed, the water reservoir is kept in a sanitary condition. However, periodic cleaning will be necessary depending on the cart-wash volume
- 10 After the wash is complete the automatic lock releases and the cart can be removed
- 11 Push through units and multiple cart units are also available.
- 12 The construction of the enclosure is of Stainless steel and all spray headers are hot dipped galvanized for years of trouble free use.

**PUT A PIONEER SYSTEM TO WORK FOR YOU!**

**For further information please contact  
ONBOARD TECH INC. 905-405-8548**