

# STINGRAY 7273 SPECIFICATIONS

## Standard Features & General Construction:

**Oscillating Manifold:** Non-Synchronous to the Turntable - Maximizes Cleaning.  
**Swing Door Retracting, Door-Mounted Turntable:** Allows for Maximum Access.  
**Closed-Loop, Zero Discharge Cleaning Process:** Environmentally Friendly.  
**Heated Fresh Water Rinse:** Removes Residual Detergent (Optional).  
**Automatic Steam Exhaust:** Facilitates Flash Drying of Parts.  
**Non-Intersecting Stainless Steel V-Jet Nozzles:** Blasts Parts Clean.  
**Heavy 1/4" Plate Steel Cabinet.**  
**Electronic Water Level Control:** Maintains Proper Solution Level.  
**Programmable 24-Hour 7-Day Clock:** Delivers Simple Operation.  
**Wash Cycle Timer with Auto Reset:** Effortless Cleaning Cycle Programming.  
**Easy Access Solution Tank:** Delivers Trouble-Free Maintenance.  
**Electronic Door Safety Interlock:** Prevents Operation if Switch Fails.  
**StingRay Blue, 2-Part, 3 mil Epoxy Coating:** Withstands Cleaning Chemicals.  
**Adjustable Electronic Temp Control, Temp Gauge, Digital 2-Line Display**  
**Control Transformer External of Panel:** Minimizes Heat.  
**Low Water Shut-Off:** Protects Pumps & Heating System.  
**Quality Conforms to ISO9001 and OSHA-Compliant**

## Power Blast Manifold:

### OSCILLATING NON- SYNCHRONOUS

Angle of Oscillation:	39 degrees
Frequency of Oscillation:	4 per minute
Number of Wash Nozzles:	24
Type of Nozzle:	Vee-Jet
Nozzle Material:	316 Stainless
Nozzle Spray Pattern:	25 degrees

## Heat System:

Operating Temperature:	140 - 190 degrees F
Initial Heat-Up Time:	60 - 120 minutes
Electric Heat Element Size:	120 kW
Gas/Propane Eclipse 80% Eff:	800,000 BTU/hr

## Base Machine Work Area Dimensions:

Turntable Diameter:	72 inches
Cleaning Work Height:	73 inches
Turntable Height above Floor:	46 inches
Table Load Capacity:	10,000 lbs
Heavy Duty Capacity:	20,000 lbs

## Base Machine Overall Dimensions:

Width: (Std Unit)	130 inches
Depth: (Std Unit)	106 inches
Height:	133 inches
Empty Weight:	13,000 lbs
Reservoir Capacity:	600 gallons
Duplex Reservoir:	Add 47 gallons
Sludge Capacity:	100 gallons

## Pump System & Performance:

High Efficiency, Rated for continuous duty (20 Start/hour without overheating), vertical, centrifugal, seal-less, balanced, enclosed impeller.

**Note: All performance data taken at nozzle discharge.**

### STANDARD:

	<b>30 hp</b>
Total System Flow:	343 gpm
Flow per Nozzle:	14.3 gpm
System Pressure:	121 psi
Blast Velocity:	133 ft/sec

### UPGRADES: (Duplex)

	<b>55 hp</b>	<b>70 hp</b>
Total System Flow:	399 gpm	431 gpm
Flow per Nozzle:	16.6 gpm	18.0 gpm
System Pressure:	163 psi	190 psi
Blast Velocity:	155 ft/sec	168 ft/sec

Results and Dimensions may vary based on machine configuration.



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STINGRAY MANUFACTURING  
 2450 Adie Road • St. Louis, MO 63043 USA  
 Phone: (314)447-9000 • Fax: (314)447-0909  
 Email: sales@stingwash.com • www.stingwash.com