

STINGRAY 5275

SPECIFICATIONS



Standard Features & General Construction:

- Green Technology: Closed Loop Zero Discharge
- Swing Door Retracting Turntable for Maximum Access
- Electronic Water Level Control & Refill
- Oscillating Wash Manifold to Maximize Cleaning
- Easy to Service Front Wash Pump Suction Strainer
- Adjustable Electronic Temp Control, Temp Gage
- Control Transformer External of Panel minimizes Heat
- Programmable 24 Hour 7 Day Clock
- Low Water Shut-Off Protects Pumps & Heating System
- Electronic Door Safety Interlock
- Wash Cycle Timer with Auto Reset
- Heavy gage 3/16" Sheet Steel Cabinet Thickness
- 230 V or 460 V- 60 Hz 3-Phase with 120 V Controls
- Chemical Resistant Two Part, 3 mm Epoxy Coating

Spray 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

Overall Dimensions:

Width: (Std Unit)	98 inches
Depth: (Std Unit)	87 inches
Height:	120 inches
Empty Weight:	6100 lbs
Reservoir Capacity:	265 gallons
Duplex Reservoir:	Add 47 gallons
Sludge Capacity:	75 gallons

Work Area Dimensions:

Turntable Diameter:	52 inches
Work Height:	75 inches
Table Load Capacity:	4,000 lbs
Heavy Duty Capacity:	7,000 lbs

Heat System:

Operating Temperature:	140 - 190 degrees F
Initial Heat-Up Time:	60 - 90 minutes
Element Size:	60 kW
Gas/Propane Eclipse 80% Eff:	400,000 BTU/hr

Electrical:

Wiring Standard:	NFPA 79	Motor Rating:	Continuous Duty
Motor Starters:	Across the line	Enclosures:	TEFC
Short Circuit Protection:	Std	Enclosures:	NEMA 12
Overload Protection:	Std	Wiring Conduit:	Flex- Non-Metallic
Motor Type:	Industrial	Type of Conduit:	Liquidtight NEMA12

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:

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

UPGRADES: (Duplex)

	55 hp	70 hp
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 may vary based on machine configuration.



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