

# STINGRAY 84112 CLAMSHELL SPECIFICATIONS



## Standard Features & General Construction:

- Green** Technology: Closed Loop Zero Discharge
- ClamShell Door Design for Maximum Turntable Access
- Electronic Water Level Control & Refill
- Oscillating Wash Manifold to Maximize Cleaning
- Easy to Service 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 1/4" 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:	40 degrees
Frequency of Oscillation:	4 per minute
Number of Wash Nozzles - 70hp:	32
Number of Wash Nozzles - 140hp:	48
Nozzle Material & Style:	316 Stainless V-Jet
Nozzle Spray Pattern (PBM):	25 degrees
Nozzle Spray Pattern (SHIM):	15 degrees

## Overall Dimensions:

Width: (Std Unit)	212 inches
Width: (with Scraper)	248 inches
Depth:	140 inches
Height: (Std Unit)	161 inches
Height: (Scraper)	171 inches
Empty Weight (approx):	26,500 lbs
Reservoir (Std Unit):	620 gallons
Sludge Capacity:	135 gallons
Reservoir (Scraper):	760 gallons

## Work Area Dimensions:

Turntable Diameter:	84 inches
Work Height:	112 inches
Table Load Capacity:	15,000 lbs
Heavy Duty Capacity:	30,000 lbs

## Heat System:

Operating Temperature:	140 - 190 degrees F
Electric Element Size:	120 kW
Gas/Propane Eclipse 80% Eff:	990,000 BTU/hr
Equivalent Electric Heat:	230 kW

## Electrical:

Wiring Standard:	NFPA 79	Motor Rating:	Continuous Duty
Motor Starters:	Across the line	Motor Enclosures:	TEFC
Short Circuit Protection:	Std	Electrical Enclosures:	NEMA 12
Overload Protection:	Std	Wiring Conduit:	Flex- Non-Metallic
Motor Type:	Energy-Efficient	Conduit Type:	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 (Duplex):

	32 Nozzles
Pump System	<b>70 hp</b>
Total System Flow:	502 gpm
Flow per Nozzle:	15.7 gpm
System Pressure:	152 psi
Blast Velocity:	156 ft/sec

### OPTIONS (Quadplex):

64 Nozzles	48 Nozzles
<b>140 hp</b>	<b>140 hp</b>
1004 gpm	860 gpm
15.7 gpm	19.9 gpm
152 psi	190 psi
156 ft/sec	198 ft/sec

Results may vary based on machine configuration.



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