



# STINGRAY 60112

## 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 inch 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)	106 inches
Depth: (Std Unit)	91 inches
Height:	162 inches
Empty Weight:	7,150 lbs
Reservoir Capacity:	350 gallons
Duplex Reservoir:	Add 47 gallons
Sludge Capacity:	80 gallons

### Work Area Dimensions:

Turntable Diameter:	60 inches
Work Height:	112 inches
Table Load Capacity:	7,500 lbs
Heavy Duty Capacity:	15,000 lbs

### Heat System:

Operating Temperature:	140 - 190 degrees F
Initial Heat-Up Time:	120 -140 minutes
Electric Heat Element Size:	80 kW
Gas/Propane Eclipse 80% Eff:	550,000 BTU

### 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:

	<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 may vary based on machine configuration.



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