



STINGRAY 60112

METRIC 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 4.7 mm inch Sheet Steel Cabinet Thickness
- 230 V or 460 V- 60 Hz 3-Phase with 120 V Controls
- Optional: 380 V / 415 V - 50 Hz 3-Phase
- 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:	Flat Tapered V-Jet
Nozzle Material:	316 Stainless
Nozzle Spray Pattern:	25 degrees

Overall Dimensions:

Width: (Std Unit)	2690 mm
Depth: (Std Unit)	2310 mm
Height:	4110 mm
Empty Weight:	3240 kg
Reservoir Capacity:	1330 liters
Duplex Reservoir:	Add 178 liters
Sludge Capacity:	303 liters

Work Area Dimensions:

Turntable Diameter:	1520 mm
Work Height:	2840 mm
Table Load Capacity:	3400 kg
Heavy Duty Capacity:	6800 kg

Heat System:

Operating Temperature:	60 - 88 degrees C
Initial Heat-Up Time:	120 -140 minutes
Electric Heat Element Size:	80 kW
High-Output Electric Heat:	100 kW
Gas/Propane Eclipse 80% Eff:	161 kW

Electrical:

Wiring Standard:	NFPA 79	Motor Rating:	Continuous Duty
Motor Starters:	IEC Type 2	Enclosures:	TEFC/NEMA 12
Short Circuit Protection:	Coordinated	Enclosures:	IP65
Overload Protection:	Thermal Class 10	Wiring Conduit:	Flex- Non-Metallic
Motor Type:	NEMA MG-1	Type of Conduit:	Liquidtight IP65

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:

	22 kW
Total System Flow:	1300 lpm
Flow per Nozzle:	54 lpm
System Pressure:	8.3 bar
Blast Velocity:	41 mps

UPGRADES: (Duplex)

	41 kW	52 kW
	1510 lpm	1630 lpm
	63 lpm	68 lpm
	11.2 bar	13.1 bar
	47 mps	51 mps

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