



STINGRAY 84112 CLAMSHELL METRIC 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 4.7 mm Sheet Steel Cabinet Thickness
- Optional: 380 V / 415 V - 50 Hz 3-Phase
- 230 V or 460 V- 60 Hz 3-Phase with 120 V Controls
- Chemical Resistant Two Part, 3mm 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)	5380 mm
Width: (with Scraper)	248 inches
Depth:	3550 mm
Height: (Std Unit)	4080 mm
Height: (Scraper)	171 inches
Empty Weight (approx):	12020 kg
Reservoir (Std Unit):	2350 liters
Sludge Capacity:	511 liters
Reservoir (Scraper):	760 gallons

Work Area Dimensions:

Turntable Diameter:	2130 mm
Work Height:	2840 mm
Table Load Capacity:	6800 kg
Heavy Duty Capacity:	27200 kg

Heat System:

Operating Temperature:	60 - 88 degrees C
Electric Element Size STD:	120 kW
High-Output Electric Heat:	180 kW
Gas/Propane Eclipse 80% Eff:	287 kW
Equivalent Electric Heat:	230 kW

Electrical:

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

	32 Nozzles
Pump System	52 kW
Total System Flow:	1900 lpm
Flow per Nozzle:	59 lpm
System Pressure:	10.5 bar
Blast Velocity:	48 mps

OPTIONS (Quadrox):

64 Nozzles	48 Nozzles
104 kW	104 kW
3800 lpm	3250 lpm
59 lpm	75 lpm
10.5 bar	13.1 bar
48 mps	60 mps

Results may vary based on machine configuration.



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