

STINGRAY 84112 CLAMSHELL METRIC SPECIFICATIONS

Standard Features & General Construction:

- Oscillating Manifold:** Non-Synchronous to the Turntable - Maximizes Cleaning.
- Clamshell Door Design:** Allows for Maximum Turntable Access.
- Closed-Loop, Zero Discharge Cleaning Process:** Environmentally Friendly.
- Heated Fresh Water Rinse:** Removes Residual Detergent (Optional).
- Automatic Steam Exhaust:** Facilitates Flash Drying of Parts.
- Non-Intersecting Stainless Steel V-Jet Nozzles:** Blasts Parts Clean.
- Heavy 6.35 mm Plate Steel Cabinet.**
- Electronic Water Level Control:** Maintains Proper Solution Level.
- Programmable 24-Hour 7-Day Clock:** Delivers Simple Operation.
- Wash Cycle Timer with Auto Reset:** Effortless Cleaning Cycle Programming.
- Easy Access Solution Tank:** Delivers Trouble-Free Maintenance.
- Electronic Door Safety Interlock:** Prevents Operation if Switch Fails.
- StingRay Blue, 2-Part, 3 mil Epoxy Coating:** Withstands Cleaning Chemicals.
- Adjustable Electronic Temp Control, Temp Gauge, Digital 2-Line Display**
- Control Transformer External of Panel:** Minimizes Heat.
- Low Water Shut-Off:** Protects Pumps & Heating System.
- Quality Conforms to ISO9001 and OSHA-Compliant**



Power Blast 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

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

Base Machine Work Area Dimensions:

Turntable Diameter:	2130 mm
Cleaning Work Height:	2840 mm
Turntable Height above Floor:	1207 mm
Table Load Capacity:	6800 kg
Heavy Duty Capacity:	13600 kg

Base Machine Overall Dimensions:

Width: (Std Unit)	3530 mm
Depth:	3353 mm
Height: (Std Unit)	4394 mm
Empty Weight (approx):	12020 kg
Reservoir (Std Unit):	2252 liters
Sludge Capacity:	511 liters
Reservoir (Scraper):	760 gallons



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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 (Quadplex):

	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 and Dimensions may vary based on machine configuration.



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