

STINGRAY 12090 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 Manifold:

OSCILLATING NON- SYNCHRONOUS

Angle of Oscillation:	40 degrees
Frequency of Oscillation:	4 per minute
Number of Wash Nozzles:	32
Type of Nozzle:	Flat Tapered V-Jet
Nozzle Material:	316 Stainless
Nozzle Spray Pattern:	25 degrees

Heat System:

Operating Temperature:	60 - 88 degrees C
Initial Heat-Up Time:	120 Minutes
Electric Heat Element Size STD:	120 kW
High-Output Electric Heat:	200 kW
Gas/Propane Eclipse 80% Eff:	290 kW
Equivalent Electric Heat:	230 kW

Base Machine Work Area Dimensions:

Turntable Diameter:	3040 mm
Cleaning Work Height:	2280 mm
Turntable Height above Floor:	1207 mm
Table Load Capacity:	12700 kg
Heavy Duty Capacity:	27200 kg

Base Machine Overall Dimensions:

Width: (Std Unit)	4572 mm
Depth: (Std Unit)	3886 mm
Height:	3886 mm
Empty Weight:	12020 kg
Reservoir Capacity:	3366 liters
Quadroxplex:	Add 292 liters
Sludge Capacity:	814 liters

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):

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



OPTIONS (Quadroxplex):

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.



**Optional Sludge Scraper
Featured**

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