

STINGRAY 10090 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:	2540 mm
Cleaning Work Height:	2280 mm
Turntable Height above Floor:	1207 mm
Table Load Capacity:	12684 kg
Heavy Duty Capacity:	27180 kg

Base Machine Overall Dimensions:

Width: (Std Unit)	4064 mm
Depth: (Std Unit)	3378 mm
Height:	3886 mm
Empty Weight:	11480 kg
Reservoir Capacity:	2528 liters
Quadroxplex:	Add 291 liters
Sludge Capacity:	606 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):

	32 Nozzles
Pump System	52 kW
Total System Flow:	1900 lpm
Flow per Nozzle:	59 lpm
System Pressure:	10.5 bar
Blast Velocity:	46 mps



OPTIONS (Quadroxplex):

64 Nozzles	48 Nozzles
104 kW	104 kW
3800 lpm	3251 lpm
59 lpm	75 lpm
10.5 bar	13.1 bar
46 mps	58 mps



Results and Dimensions 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