

STINGRAY 5248

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 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

50 Hz Belt Drive
Shown

Spray Manifold:

OSCILLATING NON- SYNCHRONOUS	
Angle of Oscillation:	39 degrees
Frequency of Oscillation:	4 per minute
Number of Wash Nozzles:	20
Type of Nozzle:	Flat Tapered V-Jet
Nozzle Material:	316 Stainless
Nozzle Spray Pattern:	25 degrees

Overall Dimensions:

Width: (Std Unit)	2480 mm
Depth: (Std Unit)	2200 mm
Height:	2360 mm
Empty Weight:	2630 kg
Reservoir Capacity:	1003 liters
Duplex Reservoir:	Add 178 liters
Sludge Capacity:	284 liters

Work Area Dimensions:

Turntable Diameter:	1320 mm
Work Height:	1210 mm
Table Load Capacity:	906 kg
Heavy Duty Capacity:	2720 kg

Heat System:

Operating Temperature:	60 - 88 degrees C
Initial Heat-Up Time:	60 - 90 minutes
Element Size STD:	60 kW
High-Output Electric Heat:	80 kW
Gas/Propane Eclipse 80% Eff:	117 kW

Electrical:

Wiring Standard:	NFPA 79	Motor Rating:	Continuous Duty
Motor Starters:	IEC Type 2	Enclosures:	TEFC/NEMA 12
Short Circuit Protection:	Coordinated	Enclosures:	NEMA 12
Overload Protection:	Thermal Class 10	Wiring Conduit:	Flex- Non-Metallic
Motor Type:	NEMA MG-1	Type of Conduit:	Liquidtight NEMA12

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:

	15 kW
Total System Flow:	1020 lpm
Flow per Nozzle:	51 lpm
System Pressure:	7.4 bar
Blast Velocity:	38 mps

UPGRADES: (Simplex)

	22 kW	30 kW
Total System Flow:	1140 lpm	1210 lpm
Flow per Nozzle:	57 lpm	61 lpm
System Pressure:	9.2 bar	10.5 bar
Blast Velocity:	43 mps	45 mps

UPGRADES: (Duplex)

	41 kW	52 kW
Total System Flow:	1350 lpm	1400 lpm
Flow per Nozzle:	67 lpm	70 lpm
System Pressure:	12.9 bar	14.0 bar
Blast Velocity:	51 mps	53 mps

Results may vary based on machine configuration.



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