

# STINGRAY 5248

## SPECIFICATIONS



50 Hz Belt Drive  
Shown

### 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  
 Chemical Resistant Two Part, 3 mm Epoxy Coating

### Spray Manifold:

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

### Overall Dimensions:

Width: (Std Unit)	98 inches
Depth: (Std Unit)	87 inches
Height:	93 inches
Empty Weight:	5,800 lbs
Reservoir Capacity:	265 gallons
Duplex Reservoir:	Add 47 gallons
Sludge Capacity:	75 gallons

### Work Area Dimensions:

Turntable Diameter:	52 inches
Work Height:	48 inches
Table Load Capacity:	2,500 lbs
Heavy Duty Capacity:	7,000 lbs

### Heat System:

Operating Temperature:	140 - 190 degrees F
Initial Heat-Up Time:	60 - 90 minutes
Element Size:	60 kW
Gas/Propane Eclipse 80% Eff	400,000 BTU/hr

### Electrical:

Wiring Standard:	NFPA 79	Motor Rating:	Continuous Duty
Motor Starters:	Across the line	Enclosures:	TEFC
Short Circuit Protection:	Std	Enclosures:	IP65
Overload Protection:	Std	Wiring Conduit:	Flex- Non-Metallic
Motor Type:	Industrial	Type of Conduit:	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:

	20 hp
Total System Flow:	269 gpm
Flow per Nozzle:	13.5 gpm
System Pressure:	107 psi
Blast Velocity:	126 ft/sec

#### UPGRADES: (Simplex)

	30 hp	40 hp
Total System Flow:	301 gpm	319 gpm
Flow per Nozzle:	15.1 gpm	16.0 gpm
System Pressure:	134 psi	150 psi
Blast Velocity:	141 ft/sec	149 ft/sec

#### UPGRADES: (Duplex)

	55 hp	70 hp
Total System Flow:	356 gpm	371 gpm
Flow per Nozzle:	17.8 gpm	18.6 gpm
System Pressure:	187 psi	203 psi
Blast Velocity:	166 ft/sec	173 ft/sec

Results may vary based on machine configuration.



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