

STINGRAY 6048 In-Line Batch

SPECIFICATIONS



Standard Features & General Construction:

- Green** Technology: Closed Loop Zero Discharge
- Dual Lift Door System to Maximize Loads per Shift
- 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 3/16" Sheet Steel Cabinet Thickness
- 230 V or 460 V- 60 Hz 3-Phase with 120 V Controls
- Chemical Resistant Two Part 3 mil Epoxy Coating

Spray Manifold:

OSCILLATING NON- SYNCHRONOUS	
Angle of Oscillation:	41 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)	104 inches
Depth: (Std Unit)	82 inches
Height:	172 inches
Empty Weight:	8650 lbs
Reservoir Capacity:	350 gallons
Duplex Reservoir:	Add 47 gallons
Sludge Capacity:	80 gallons

Work Area Dimensions:

Turntable Diameter:	60 inches
Work Height:	48 inches
Door Opening Width	49 inches
Table Load Capacity:	1,500 lbs
Heavy Duty Capacity:	3,000 lbs

Heat System:

Operating Temperature:	140 - 190+ degrees F
Initial Heat-Up Time:	120 minutes
Element Size:	80 kW
Gas/Propane Eclipse 80% Eff:	550,000 BTU/hr

Electrical:

Wiring Standard:	NFPA 79	Motor Rating:	Continuous Duty
Motor Starters:	Across the line	Enclosures:	TEFC
Short Circuit Protection:	Std	Enclosures:	NEMA 12
Overload Protection:	Std	Wiring Conduit:	Flex- Non-Metallic
Motor Type:	Industrial	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:	UPGRADES: (Simplex)		UPGRADES: (Duplex)	
	20 hp	30 hp	40 hp	55 hp	70 hp
Total System Flow:	269 gpm	301 gpm	319 gpm	356 gpm	371 gpm
Flow per Nozzle:	13.5 gpm	15.1 gpm	16.0 gpm	17.8 gpm	18.6 gpm
System Pressure:	107 psi	134 psi	150 psi	187 psi	203 psi
Blast Velocity:	126 ft/sec	141 ft/sec	149 ft/sec	166 ft/sec	173 ft/sec

Results may vary based on machine configuration.



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