

STINGRAY 6048 In-Line Batch

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
 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:	6,650 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 Protector	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:

	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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