

# STINGRAY 6048 In-Line Batch

## METRIC 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 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



### Spray Manifold:

**OSCILLATING NON- SYNCHRONOUS**  
 Angle of Oscillation: 41 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) 2640 mm  
 Depth: (Std Unit) 2080 mm  
 Height: 4360 mm  
 Empty Weight: 3920 kg  
 Reservoir Capacity: 1325 liters  
 Duplex Reservoir: Add 178 liters  
 Sludge Capacity: 303 liters

### Work Area Dimensions:

Turntable Diameter: 1520 mm  
 Work Height: 1210 mm  
 Door Opening Width 1240 mm  
 Table Load Capacity: 680 kg  
 Heavy Duty Capacity: 1360 kg

### Heat System:

Operating Temperature: 60 - 88 degrees C  
 Initial Heat-Up Time: 120 minutes  
 Element Size STD: 80 kW  
 High-Output Electric Heat: 100 kW  
 Gas/Propane Eclipse 80% Eff 161 kW

### Electrical:

Wiring Standard: NFPA 79  
 Motor Starters: IEC Type 2  
 Short Circuit Protection: Coordinated  
 Overload Protection: Thermal Class 10  
 Motor Type: NEMA MG-1  
 Motor Rating: Continuous Duty  
 Enclosures: TEFC  
 Enclosures: IP65  
 Wiring Conduit: Flex- Non-Metallic  
 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:

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

#### UPGRADES: (Simplex)

	<b>22 kW</b>	<b>30 kW</b>
Total System Flow:	1140 lpm	1210 lpm
Flow per Nozzle:	57 lpm	61 lpm
System Pressure:	9.2 bar	10.3 bar
Blast Velocity:	43 mps	45 mps

#### UPGRADES: (Duplex)

	<b>41 kW</b>	<b>52 kW</b>
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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