



# STINGRAY 10073

## 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

### Spray Manifold:

#### OSCILLATING NON- SYNCHRONOUS

Angle of Oscillation:	40 degrees
Frequency of Oscillation:	4 per minute
Number of Wash Nozzles:	24
Type of Nozzle:	Flat Tapered V-Jet
Nozzle Material:	316 Stainless
Nozzle Spray Pattern:	25 degrees

### Overall Dimensions:

Width: (Std Unit)	3960 mm
Depth: (Std Unit)	3350 mm
Height:	3470 mm
Empty Weight:	8350 kg
Reservoir Capacity:	3480 kg
Duplex Reservoir:	Add 178 liters
Sludge Capacity:	984 liters

### Work Area Dimensions:

Turntable Diameter:	2540 mm
Work Height:	1850 mm
Table Load Capacity:	4530 kg
Heavy Duty Capacity:	9060 kg

### Heat System:

Operating Temperature:	60 - 88 degrees C
Initial Heat-Up Time:	90 - 120 minutes
Element Size STD:	120 kW
High-Output Electric Heat:	160 kW
Gas/Propane Eclipse 80% Eff:	249 kW
Equivalent Electric Heat:	222 kW

### Electrical:

Wiring Standard:	NFPA 79	Motor Rating:	Continuous Duty
Motor Starters:	IEC Type 2	Motor Enclosures:	TEFC/NEMA 12
Short Circuit Protection:	Coordinated	Electrical Enclosures:	IP65
Overload Protection:	Thermal Class 10	Wiring Conduit:	Flex- Non-Metallic
Motor Type:	NEMA MG-1	Conduit Type:	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>22 kW</b>
Total System Flow:	1300 lpm
Flow per Nozzle:	54 lpm
System Pressure:	8.3 bar
Blast Velocity:	41 mps

#### UPGRADES: (Duplex)

	<b>41 kW</b>	<b>52 kW</b>
	1510 lpm	1630 lpm
	63 lpm	68 lpm
	11.2 bar	13.1 bar
	47 mps	51 mps

Results may vary based on machine configuration.



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