



STINGRAY 4040

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:	39 degrees
Frequency of Oscillation:	4 per minute
Number of Wash Nozzles:	16
Type of Nozzle:	Flat Tapered V-Jet
Nozzle Material:	316 Stainless
Nozzle Spray Pattern:	25 degrees

Overall Dimensions:

Width: (Std Unit)	2000 mm
Depth: (Std Unit)	1870 mm
Height:	2100 mm
Empty Weight:	1770 kg
Reservoir Capacity:	681 liters
Duplex Reservoir:	Add 178 liters
Sludge Capacity:	178 liters

Work Area Dimensions:

Turntable Diameter:	1040 mm
Work Height:	990 mm
Table Load Capacity:	680 kg
Heavy Duty Capacity:	1590 kg

Heat System:

Operating Temperature:	60 - 88 degrees C
Initial Heat-Up Time:	60 - 90 minutes
Element Size 60 Hz:	30 kW
High-Output Electric Heat:	45 kW
Gas/Propane	53 kW

Electrical:

Wiring Standard:	NFPA 79	Motor Rating:	Continuous Duty
Motor Starters:	IEC Type 2	Enclosures:	TEFC/NEMA 12
Short Circuit Protection:	Coordinated	Enclosures:	IP65
Overload Protection:	Thermal Class 10	Wiring Conduit:	Flex- Non-Metallic
Motor Type:	NEMA MG-1	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:

UPGRADES: (Simplex)

UPGRADES: (Duplex)

	7.5 kW	15 kW	22 kW	30 kW	41 kW
Total System Flow:	681 lpm	835 lpm	979 lpm	1010 lpm	1150 lpm
Flow per Nozzle:	43 lpm	52 lpm	61 lpm	64 lpm	72 lpm
System Pressure:	5.2 bar	7.7 bar	10.5 bar	11.4 bar	14.6 bar
Blast Velocity:	32 mps	39 mps	46 mps	48 mps	54 mps

Results may vary based on machine configuration.



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