

STINGRAY 3055

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:	20
Type of Nozzle:	Flat Tapered V-Jet
Nozzle Material:	316 Stainless
Nozzle Spray Pattern:	25 degrees

Overall Dimensions:

Width: (Std Unit)	1670 mm
Depth: (Std Unit)	1700 mm
Height:	2360 mm
Empty Weight:	1610 kg
Reservoir Capacity:	192 liters
Duplex Reservoir:	Add 178 liters
Sludge Capacity:	140 liters

Work Area Dimensions:

Turntable Diameter:	760 mm
Work Height:	1390 mm
Table Load Capacity:	453 kg
Heavy Duty Capacity:	680 kg

Heat System:

Operating Temperature:	60 - 88 degrees C
Initial Heat-Up Time:	60 - 120 minutes
Electric Heat Element Size STD:	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:

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

UPGRADES: (Simplex)

	22 kW	30 kW
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)

	41 kW	52 kW
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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