

# STINGRAY 3040

## 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 Blast 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

### Base Machine Overall Dimensions:

Width:	1670 mm
Depth:	1700 mm
Height:	1980 mm
Empty Weight:	1430 kg
Reservoir Capacity:	492 liters
Duplex Reservoir:	Add 178 liters
Sludge Capacity:	140 liters

### Work Area Dimensions:

Turntable Diameter:	760 mm
Work Height:	1010 mm
Table Load Capacity:	453 kg
Heavy Duty Capacity:	680 kg

### Heat System:

Operating Temperature:	60 - 88 degrees C
Initial Heat-Up Time:	60 - 90 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	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:		UPGRADES: (Simplex)		UPGRADES: (Duplex)	
	7.5 kW	15 kW	22 kW	30 kW	41 kW	
Total System Flow:	681 lpm	835 lpm	979 lpm	1013 lpm	1145 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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