

STINGRAY 3040

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 3/16" Sheet Steel Cabinet Thickness
- 230 V or 460 V- 60 Hz 3-Phase with 120 V Controls
- 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:	V-Jet
Nozzle Material:	316 Stainless
Nozzle Spray Pattern:	25 degrees

Overall Dimensions:

Width: (Std Unit)	66 inches
Depth: (Std Unit)	67 inches
Height:	78 inches
Empty Weight:	3,150 lbs
Reservoir Capacity:	130 gallons
Duplex Reservoir -	Add 47 gallons
Sludge Capacity:	37 gallons

Work Area Dimensions:

Turntable Diameter:	30 inches
Work Height:	40 inches
Table Load Capacity:	1,000 lbs
Heavy Duty Capacity:	1,500 lbs

Heat System:

Operating Temperature:	140 - 190 degrees F
Initial Heat-Up Time:	60 - 90 minutes
Electric Heat Element Size	30 kW
Gas/Propane	180,000 BTU/hr

Electrical:

Wiring Standard:	NFPA 79	Motor Rating:	Continuous Duty
Motor Starters:	Across the line	Motor Enclosures:	TEFC
Short Circuit Protection:	Std	Electrical Enclosures:	NEMA 12
Overload Protection:	Std	Wiring Conduit:	Flex- Non-Metallic
Motor Type:	Energy-Efficient	Conduit Type:	Liquidtight NEMA12

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:

	10 hp
Total System Flow:	180 gpm
Flow per Nozzle:	11.3 gpm
System Pressure:	75 psi
Blast Velocity:	105 ft/sec

UPGRADES: (Simplex)

	20 hp	30 hp	40 hp
Total System Flow:	221 gpm	256 gpm	268 gpm
Flow per Nozzle:	13.8 gpm	16.0 gpm	16.8 gpm
System Pressure:	112 psi	152 psi	165 psi
Blast Velocity:	129 ft/sec	150 ft/sec	156 ft/sec

UPGRADES: (Duplex)

	55 hp
Total System Flow:	303 gpm
Flow per Nozzle:	18.9 gpm
System Pressure:	212 psi
Blast Velocity:	177 ft/sec

Results may vary based on machine configuration.



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