

STINGRAY 4063

SPECIFICATIONS



Shown with
Optional
Scraper

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

Power Blast Manifold:

OSCILLATING NON- SYNCHRONOUS

Angle of Oscillation:	39 degrees
Frequency of Oscillation:	4 per minute
Number of Wash Nozzles:	20
Type of Nozzle:	Vee-Jet
Nozzle Material:	316 Stainless
Nozzle Spray Pattern:	25 degrees

Overall Dimensions:

Width: (Std Unit)	79 inches
Depth: (Std Unit)	74 inches
Height:	105 inches
Empty Weight:	4,300 lbs
Reservoir Capacity:	180 gallons
Duplex Reservoir:	Add 47 gallons
Sludge Capacity:	47 gallons

Work Area Dimensions:

Turntable Diameter:	41 inches
Work Height:	63 inches
Table Load Capacity:	1,500 lbs
Heavy Duty Capacity:	3,500 lbs

Heat System:

Operating Temperature:	140 - 190 degrees F
Initial Heat-Up Time:	60 - 120 minutes
Element Size Std:	30 kW
Element Size High Output:	45 kW
Gas/Propane:	180,000 BTU/hr

Electrical:

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

	20 hp
Total System Flow:	269 gpm
Flow per Nozzle:	13.5 gpm
System Pressure:	107 psi
Blast Velocity:	126 ft/sec

UPGRADES: (Simplex)

	30 hp	40 hp
Total System Flow:	301 gpm	319 gpm
Flow per Nozzle:	15.1 gpm	16.0 gpm
System Pressure:	134 psi	150 psi
Blast Velocity:	141 ft/sec	149 ft/sec

UPGRADES: (Duplex)

	55 hp	70 hp
Total System Flow:	356 gpm	371 gpm
Flow per Nozzle:	17.8 gpm	18.6 gpm
System Pressure:	187 psi	203 psi
Blast Velocity:	166 ft/sec	173 ft/sec

Results may vary based on machine configuration.



STINGRAY MANUFACTURING
2450 Adie Road • St. Louis, MO 63043 USA
Phone: (314)447-9000 • Fax: (314)447-0909
Email: sales@stingwash.com • www.stingwash.com