

STINGRAY 13648 CLAMSHELL

METRIC SPECIFICATIONS

Standard Features & General Construction:

- Green Technology: Closed Loop Zero Discharge
- ClamShell Door Design for Maximum Turntable Access
- Electronic Water Level Control & Refill
- Oscillating Wash Manifold to Maximize Cleaning
- Easy to Service 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



Sludge Scraper
Option Shown

Spray Manifold:

OSCILLATING NON- SYNCHRONOUS

Angle of Oscillation:	40 degrees
Frequency of Oscillation:	4 per minute
Number of Wash Nozzles:	32
Type of Nozzle:	Flat Tapered V-Jet
Nozzle Material:	316 Stainless
Nozzle Spray Pattern:	25 degrees

Overall Dimensions:

Width: (Std Unit)	6150 mm
Depth: (Std Unit)	3810 mm
Height:	2900 mm
Empty Weight:	12020 kg
Reservoir Capacity:	5000 liters w scraper
Quadroplex:	Add 292 liters
Sludge Capacity:	757 liters

Work Area Dimensions:

Turntable Diameter:	3450 mm
Work Height:	1220 mm
Table Load Capacity:	12700 kg
Heavy Duty Capacity:	37400 kg

Heat System:

Operating Temperature:	88 deg C
Initial Heat-Up Time Gas:	105 Minutes
Electric Heat Element Size:	120 kW
High-Output Electric Heat:	200 kW
Gas/Propane Eclipse 80% Eff:	290 kW
Equivalent Electric Heat:	230 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 (Duplex):

	32 Nozzles
Pump System	52 kW
Total System Flow:	1900 lpm
Flow per Nozzle:	59 lpm
System Pressure:	10.5 bar
Blast Velocity:	48 mps

OPTIONS (Quadroplex):

	64 Nozzles	48 Nozzles
	104 kW	104 kW
	3800 lpm	3260 lpm
	59 lpm	75 lpm
	10.5 bar	13.1 bar
	48 mps	60 mps

Results may vary based on machine configuration.



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