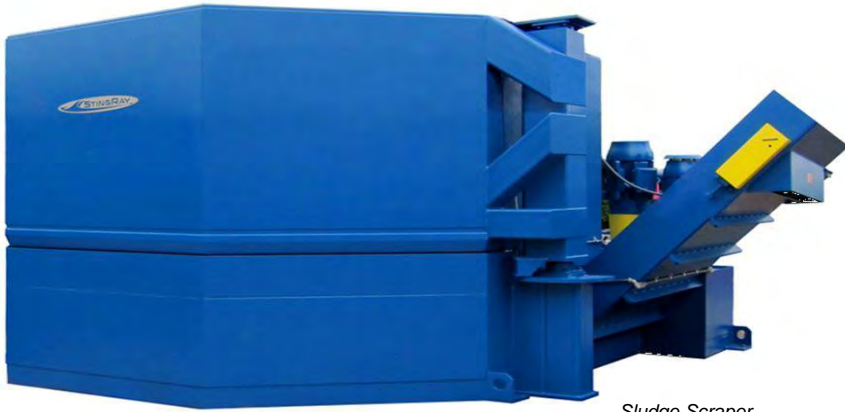


STINGRAY 13648 CLAMSHELL SPECIFICATIONS



Sludge Scraper
Option Shown

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 1/4" 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 Manifold:

OSCILLATING NON- SYNCHRONOUS

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

Overall Dimensions:

Width: (Std Unit)	242 inches
Depth: (Std Unit)	150 inches
Height:	114 inches
Empty Weight:	26,500 lbs
Reservoir Capacity:	1320 gallons w scraper
Quadroplex:	Add 77 gallons
Sludge Capacity:	200 gallons

Work Area Dimensions:

Turntable Diameter:	136 inches
Work Height:	48 inches
Table Load Capacity:	28,000 lbs
Heavy Duty Capacity:	82,500 lbs

Heat System:

Operating Temperature:	190 degrees F
Initial Heat-Up Time Gas:	105 Minutes
Electric Heat Element Size:	120 kW
Gas/Propane Eclipse 80% Eff:	990,000 BTU/hr
Equivalent Electric Heat:	230 kW

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 (Duplex):

	32 Nozzles
Pump System	70 hp
Total System Flow:	502 gpm
Flow per Nozzle:	15.7 gpm
System Pressure:	152 psi
Blast Velocity:	156 ft/sec

OPTIONS (Quadroplex):

	64 Nozzles	48 Nozzles
	140 hp	140 hp
	1004 gpm	860 gpm
	15.7 gpm	19.9 gpm
	152 psi	190 psi
	156 ft/sec	198 ft/sec

Results may vary based on machine configuration.



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