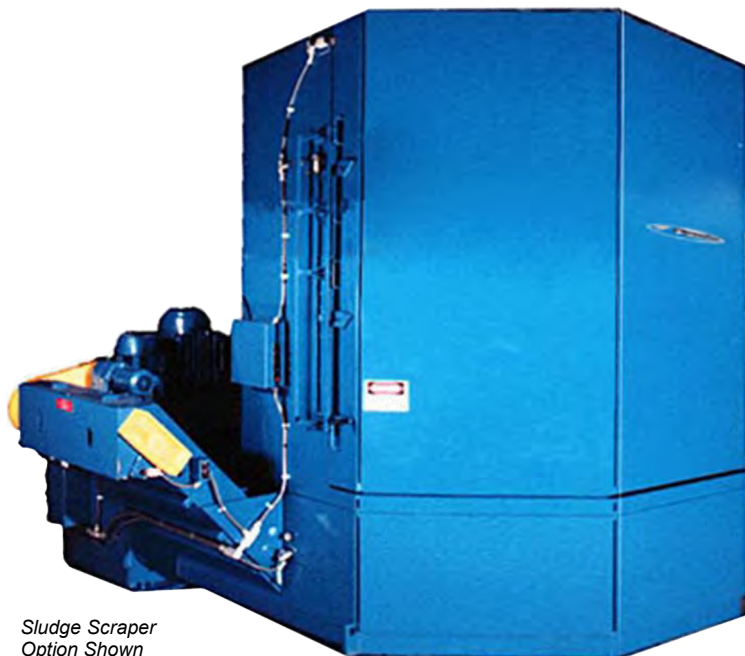




Sludge Scraper
Option Shown

STINGRAY 10090 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

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) 4520 mm
 Depth: (Std Unit) 3650 mm
 Height: 4060 mm
 Empty Weight: 11480 kg
 Reservoir Capacity: 3760 liters
 Quadrox: Add 291 liters
 Sludge Capacity: 681 liters

Work Area Dimensions:

Turntable Diameter: 2540 mm
 Work Height: 2280 mm
 Table Load Capacity: 12684 kg
 Heavy Duty Capacity: 27180 kg

Heat System:

Operating Temperature: 60 - 88 degrees C
 Initial Heat-Up Time: 120 Minutes
 Electric Heat Element Size STD: 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 Starters: IEC Type 2
 Short Circuit Protection: Coordinated
 Overload Protection: Thermal Class 10
 Motor Type: NEMA MG-1
 Motor Rating: Continuous Duty
 Motor Enclosures: TEFC/NEMA 12
 Electrical Enclosures: IP65
 Wiring Conduit: Flex- Non-Metallic
 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: 46 mps

OPTIONS (Quadrox):

64 Nozzles 48 Nozzles
104 kW 104 kW
 3800 lpm 3251 lpm
 59 lpm 75 lpm
 10.5 bar 13.1 bar
 46 mps 58 mps

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