

# STINGRAY 13648 CLAMSHELL SPECIFICATIONS



## Standard Features & General Construction:

- Oscillating Manifold:** Non-Synchronous to the Turntable - Maximizes Cleaning.
- Clamshell Door Design:** Allows for Maximum Turntable Access.
- Closed-Loop, Zero Discharge Cleaning Process:** Environmentally Friendly.
- Heated Fresh Water Rinse:** Removes Residual Detergent (Optional).
- Automatic Steam Exhaust:** Facilitates Flash Drying of Parts.
- Non-Intersecting Stainless Steel V-Jet Nozzles:** Blasts Parts Clean.
- Heavy 1/4" Plate Steel Cabinet.**
- Electronic Water Level Control:** Maintains Proper Solution Level.
- Programmable 24-Hour 7-Day Clock:** Delivers Simple Operation.
- Wash Cycle Timer with Auto Reset:** Effortless Cleaning Cycle Programming.
- Easy Access Solution Tank:** Delivers Trouble-Free Maintenance.
- Electronic Door Safety Interlock:** Prevents Operation if Switch Fails.
- StingRay Blue, 2-Part, 3 mil Epoxy Coating:** Withstands Cleaning Chemicals.
- Adjustable Electronic Temp Control, Temp Gauge, Digital 2-Line Display**
- Control Transformer External of Panel:** Minimizes Heat.
- Low Water Shut-Off:** Protects Pumps & Heating System.
- Quality Conforms to ISO9001 and OSHA-Compliant**

## Power Blast 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

## 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

## Base Machine Work Area Dimensions:

Turntable Diameter:	136 inches
Cleaning Work Height:	48 inches
Turntable Height above Floor:	47.5 inches
Table Load Capacity:	28,000 lbs
Heavy Duty Capacity:	82,500 lbs

## Base Machine Overall Dimensions:

Width: (Std Unit)	195 inches
Depth: (Std Unit)	153 inches
Height:	114 inches
Empty Weight:	26,500 lbs
Reservoir Capacity:	840 gallons w/ scraper
Quadroplex:	Add 135 gallons
Sludge Capacity:	185 gallons

## 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	<b>70 hp</b>
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
	<b>140 hp</b>	<b>140 hp</b>
	1004 gpm	860 gpm
	15.7 gpm	19.9 gpm
	152 psi	190 psi
	156 ft/sec	198 ft/sec



**Optional Sludge Scraper  
Featured**

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Results and Dimensions may vary based on machine configuration.



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