

# STINGRAY 4040 SPECIFICATIONS

## Standard Features & General Construction:

**Oscillating Manifold:** Non-Synchronous to the Turntable - Maximizes Cleaning.  
**Swing Door Retracting, Door-Mounted Turntable:** Allows for Maximum 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 7-Gauge, 3/16" Sheet 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:	39 degrees
Frequency of Oscillation:	4 per minute
Number of Wash Nozzles:	16
Type of Nozzle:	Vee-Jet
Nozzle Material:	316 Stainless
Nozzle Spray Pattern:	25 degrees

### Heat System:

Operating Temperature:	140 - 190 degrees F
Initial Heat-Up Time:	60 - 90 minutes
Element Size 60 Hz:	30 kW
Gas/Propane	180,000 BTU/hr

### Base Machine Work Area Dimensions:

Turntable Diameter:	41 inches
Cleaning Work Height:	39 inches
Turntable Height above Floor:	31.5 inches
Table Load Capacity:	1,500 lbs
Heavy Duty Capacity:	3,500 lbs

### Base Machine Overall Dimensions:

Width: (Std Unit)	79 inches
Depth: (Std Unit)	74 inches
Height:	83 inches
Empty Weight:	3,900 lbs
Reservoir Capacity:	180 gallons
Duplex Reservoir;	Add 47 gallons
Sludge Capacity:	47 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:	UPGRADES: (Simplex)			UPGRADES: (Duplex)
	10 hp	20 hp	30 hp	40 hp	55 hp
Total System Flow:	180 gpm	221 gpm	256 gpm	268 gpm	303 gpm
Flow per Nozzle:	11.3 gpm	13.8 gpm	16.0 gpm	16.8 gpm	18.9 gpm
System Pressure:	75 psi	112 psi	152 psi	165 psi	212 psi
Blast Velocity:	105 ft/sec	129 ft/sec	150 ft/sec	156 ft/sec	177 ft/sec

Results and Dimensions may vary based on machine configuration.



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