

# STINGRAY 4040

## METRIC 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 4.7 mm Gauge 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:	Flat Tapered V-Jet
Nozzle Material:	316 Stainless
Nozzle Spray Pattern:	25 degrees

### Heat System:

Operating Temperature:	60 - 88 degrees C
Initial Heat-Up Time:	60 - 90 minutes
Element Size 60 Hz:	30 kW
High-Output Electric Heat:	45 kW
Gas/Propane	53 kW

### Base Machine Work Area Dimensions:

Turntable Diameter:	1040 mm
Cleaning Work Height:	990 mm
Turntable Height above Floor:	800 mm
Table Load Capacity:	680 kg
Heavy Duty Capacity:	1590 kg

### Base Machine Overall Dimensions:

Width: (Std Unit)	2000 mm
Depth: (Std Unit)	1870 mm
Height:	2100 mm
Empty Weight:	1770 kg
Reservoir Capacity:	681 liters
Duplex Reservoir:	Add 178 liters
Sludge Capacity:	178 liters

### 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)
	7.5 kW	15 kW	22 kW	30 kW	41 kW
Total System Flow:	681 lpm	835 lpm	979 lpm	1010 lpm	1150 lpm
Flow per Nozzle:	43 lpm	52 lpm	61 lpm	64 lpm	72 lpm
System Pressure:	5.2 bar	7.7 bar	10.5 bar	11.4 bar	14.6 bar
Blast Velocity:	32 mps	39 mps	46 mps	48 mps	54 mps



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Results and Dimensions may vary based on machine configuration.



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