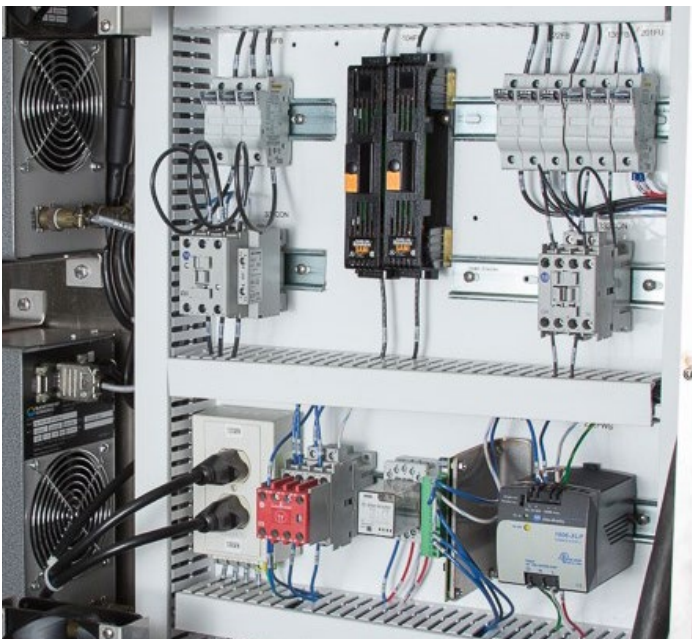
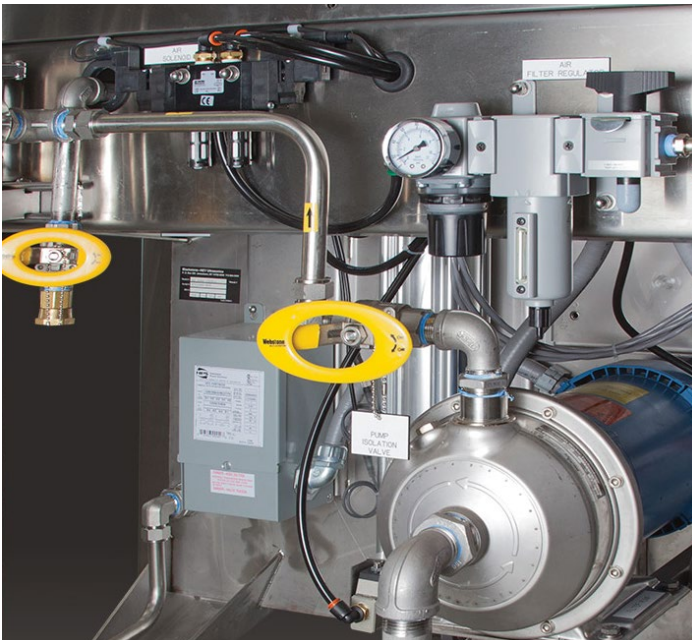


# Agi-Sonic™

Ultrasonic Cleaning System



The Blackstone Agi-Sonic™ ultrasonic cleaning systems combine ultrasonics and part agitation for maximum capability in precision and heavy-duty cleaning applications. Agi-Sonic systems are available from stock in three standard sizes, the largest accommodating parts in one dimension up to 40 inches and weighing up to 500 pounds. Two additional built-to-order sizes are available with maximum working envelopes up to 84 inches and 1,000 pound lift and agitation capacity. All units are completely self-contained and are configured to operate on standard three-phase power supplies. Systems include a stainless steel recirculation pump and bag filter, a surface sparger, oil skimmer, automated controls for tank heat, pump, agitation and ultrasonics, automatic lid and one standard parts handling basket. Companion rinse and dry systems are available upon request.



## AGI-SONIC HIGHLIGHTS

- Ultrasonics and platform agitation for powerful cleaning
- High intensity 40kHz ultrasonics; Optional Multifrequency Systems
- Agitation and Lift Capacity up to 1,000lbs (Model Dependent)
- Automatic Lid Standard on all Models
- Stainless Steel Recirculation Pump, Plumbing and Filter Housing with 100um Filter Bag standard
- Surface sparger and Belt-type skimmer in overflow weir for oil removal
- Low-liquid level protection for heater, ultrasonics and pump
- Seven-day timer for tank heating control and user-programmable recipes
- Digital controls with display for heat, pump, agitation and ultrasonics
- High-flow fill and drain valves
- High-volume production cleaning capability and Work cell compatible
- Multi-station lines can be configured with standard roller modules and load tables
- Rinse, Spray and Hot-Air Recirculation Drying Modules Available
- Optional Automation Solutions for Multi-station lines

# The Agi-Sonic™ is a robust, workhorse machine that is employed in a wide range of industrial applications

- Automotive Powertrain Manufacturing (EV and Standard Vehicles)
- Engine and Transmission Remanufacturing
- Mold & Die Cleaning for Plastic Injection Molding, Compression Molding and Diecasting
- Medical Implant Manufacturing
- Aerospace MRO (maintenance, repair, overhaul)
- Post-Cleaning of 3D Printed Parts and Tooling
- Maintenance and Tool Room Applications

## AVAILABLE OPTIONS

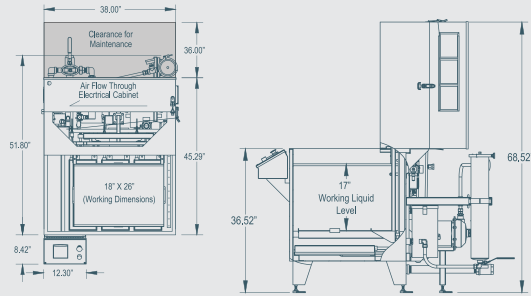
- Alternate ultrasonic frequencies
- Immersion Rinse, Spray Rinse and Hot-Air Recirculation Drying units
- Transfer rollers on lift platform and Tank-to-Tank Rollers
- Transfer automation
- Spray wand
- High-capacity oil removal system

MODEL NUMBER	Agi-Sonic™ 3000	Agi-Sonic™ 4000	Agi-Sonic™ 5000	Agi-Sonic™ 6000	Agi-Sonic™ 8000
MAXIMUM WORKLOAD*	26" x 18" x 17"** (660mm x 457mm x 432mm)	30" x 23" x 17"** (762mm x 584mm x 432mm)	40" x 30" x 17"** (1,016mm x 762mm x 432mm)	60" x 40" x 28"** (1,524mm x 1016mm x 711mm)	88" x 50" x 42" (2235mm x 1245mm x 1067mm)
LIQUID CAPACITY	92 Gallons (348 Liters)	123 Gallons (466 Liters)	202 Gallons (765 Liters)	675 Gallons (2555 liters)	1100 Gallons (4164 Liters)
LIFT WEIGHT CAPACITY	125 lbs (57 kg)	250 lbs (114 kg)	500 lbs (227 kg)	500 lbs (227 kg)	1000 lbs (454 kg)
FOOTPRINT (LxWxH)	38" x 52" x 69"** (965mm x 1321mm x 1753mm)	41" x 58" x 69" (1042mm x 1473mm x 1753mm)	56" x 70" x 79" (1422mm x 1778mm x 2007mm)	77" x 85" x 103" (1956mm x 2159mm x 2616mm)	105" x 109" x 138" (2267mm x 2769 mm x 3505mm)
ULTRASONICS @ 40KHZ	2,880 watts	3,840 watts	4,800 watts	5,760 watts	7,680 watts
HEAT	6,000 watts	9,000 watts	12,000 watts	24,000 watts	48,000 watts
STANDARD INPUT POWER	240V or 480V, 3ph, 60Hz	240V or 480V, 3ph, 60Hz	240V or 480V, 3ph, 60Hz	480V, 3ph, 60Hz	480V, 3ph, 60Hz
AIR REQUIREMENT	80 PSI minimum	80 PSI minimum	80 PSI minimum	80 PSI minimum	80 PSI minimum
SHIPPING WEIGHT	1,100 lbs	1,500 lbs	2,000 lbs		
SHIPPING DIMENSIONS	49" x 73" x 77"	49" x 73" x 77"	65" x 85" x 86"		

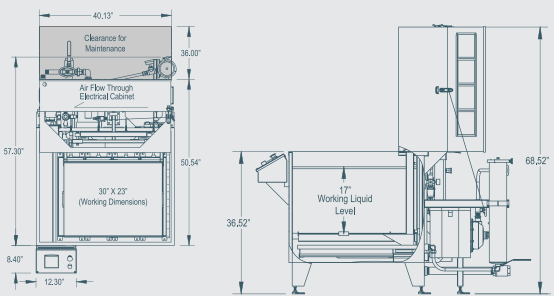
ALL DIMENSIONS ARE NOMINAL — LEFT TO RIGHT x FRONT TO BACK x HEIGHT  
ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

The Agi-Sonic units can be configured as multi-station cleaning systems by utilizing the standard roller options and loading platforms offered by Blackstone-NEY. These multi-station systems can additionally be paired with automation solutions (e.g., overhead gantry, monorail chain-fall hoist, pusher bar, etc.) to accommodate specific user application requirements.

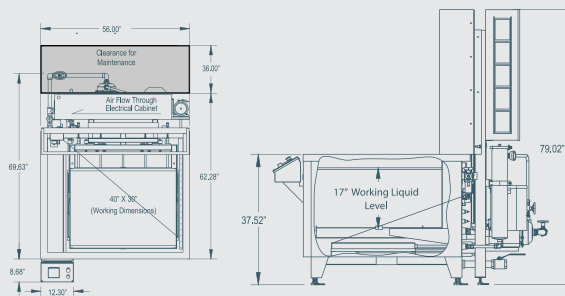
## AS-3000 Plan Views



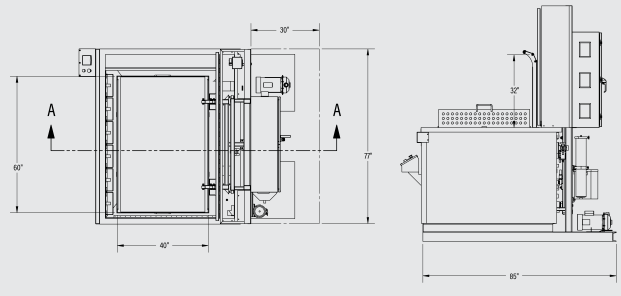
## AS-4000 Plan Views



## AS-5000 Plan Views



## AS-6000 Plan Views



## AS-8000 Plan Views

