



***GET CLEAN PARTS***  
***FAST***

**Tabletop, Mobile and Lift Table Ultrasonic Cleaning Machines  
for a Wide Variety of Industries.**

# Lift Table Units



**Ultra 6000FLT**

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**Ultra 3800FLT**

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**Ask about our  
Throughput &  
ROI Forecasting  
Tools**

	Ultra 6000FLT	Ultra 3800FLT
PART SIZES	Up to 60"L, 27.5"W & 18"D	Up to 37.5"L, 24"W & 18"D
WORKING DEPTH	18"D	18"D
WEIGHT CAPACITY	500 Pounds	350 Pounds
TANK SIZE	61"L x 29.5"W x 22.5"D	38.5"L x 26"W x 22.5"D
TANK CAPACITY	210 Gallons	115 Gallons
BASKETS	Four: 2 Large, 2 Small Mesh	Two: 1 Large, 1 Small Mesh
TRANSDUCERS, 40 kHz	<b>Dual, Offset, Side-Mounted</b>	<b>Dual, Offset, Side-Mounted</b>
PROGRAMMABLE CYCLES	Cleaning, Agitation, Filtration	Cleaning, Agitation, Filtration
CYCLE PRESETS	Two	Two
CYCLE INDICATOR LIGHTS	Included	Included
HEAT TIMER	Seven Day, Programmable	Seven Day, Programmable
SONIC POWER	11,000 Watts	7,200 Watts
SOLUTION REPLACEMENT	Drain w/Quick-Clean Bottom	Drain w/Quick-Clean Bottom
MACHINE SIZE	102"L x 51"W x 34.5"D	76"L x 46"W x 34.5"D
REQUIREMENTS	Three Phase, 240V, 50A, 100 PSI Air	Single Phase, 240V, 50A, 100 PSI Air

***"We have seen big improvements in how the cylinder walls of our blocks are cleaned and have profited two hours of labor in cleaning time for a complete engine rebuild. Ultrasonic cleaning has given us a cleaner final product."***

***-T. Bischoff, BES Racing Engines***

# Digital Pro & Mobile Units

Ultra 3200FA



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it clean



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Ultra 2400FA



Ultra 3200FA

Ultra 2400FA

PART SIZES	Up to 31.75"L, 22"W & 15"D	Up to 23.75"L, 12.5"W & 13.5"D
WORKING DEPTH	15"D	13.5"D
TANK SIZE	32.75"L x 24"W x 17.5"D	24.75"L x 14.5"W x 15"D
TANK CAPACITY	65 Gallons	26 Gallons
BASKETS	Three: 1 Large, 2 Small Mesh	Three: 1 Large, 2 Small Mesh
TRANSDUCERS, 40kHz	<b>Dual, Offset, Side-Mounted</b>	<b>Single, Side-Mounted</b>
PROGRAMMABLE CYCLES	Cleaning, Agitation, Filtration	Cleaning, Agitation, Filtration
CYCLE INDICATOR LIGHTS	Included	Included
HEAT TIMER	Seven Day, Programmable	Seven Day, Programmable
SONIC POWER	5,040 Watts	1,920 Watts
SOLUTION REPLACEMENT	Drain w/Quick-Clean Bottom	Drain w/Quick-Clean Bottom
MACHINE SIZE	53.25"L x 39.75"W x 34.25"D	45"L x 28.5"W x 33"D
REQUIREMENTS	Single Phase, 240V, 30A	Single Phase, 120V, 20A

Ultra 3000



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Ultra 2100



Ultra 3000

Ultra 2100

PART SIZES	Up to 30.4"L, 9.8"W & 15.7"D	Up to 20.6"L, 11.7"W & 13.7"D
WORKING DEPTH	15.7"D	13.7"D
TANK SIZE	31.4"L x 11.8"W x 15.7"D	21.6"L x 15.7"W x 13.7"D
TANK CAPACITY	25 Gallons	20 Gallons
BASKETS	One, Medium Mesh	One, Medium Mesh
TRANSDUCERS, 40kHz	Bottom-Mounted	Bottom-Mounted
PROGRAMMABLE CYCLE	Cleaning	Cleaning
SONIC POWER	1,500 Watts	1,200 Watts
SOLUTION REPLACEMENT	Drain	Drain
MACHINE SIZE	41.3"L x 19.6"W x 31.2"D	28.7"L x 22.8"W x 30.3"D
REQUIREMENTS	Single Phase, 120V, 20A	Single Phase, 120V, 15A

# Tabletop Units

**Ultra 2000M**



**Ultra 2000**



**Ultra 1300M**



**Ultra 2000M, 2000**

**Ultra 1300M, 1300**

PART SIZES	Up to 18.6"L, 9.8"W & 7.8"D	Up to 11.9"L, 9.8"W & 5.9"D
WORKING DEPTH	7.8" D	5.9" D
TANK SIZE	19.6"L x 11.8"W x 7.8"D	12.9"L x 11.8"W x 5.9"D
TANK CAPACITY	7.9 Gallons	3.9 Gallons
BASKETS	One: Small Mesh	One: Small Mesh
TRANSDUCERS, 40 kHz	Bottom-Mounted	Bottom-Mounted
CLEANING CYCLE	Manual, Auto Shutoff	Manual, Auto Shutoff
HEAT	Yes	Yes
SONIC POWER	600 Watts	360 Watts
SOLUTION REPLACEMENT	Drain	Drain
MACHINE SIZE	20.8"L x 12.7"W x 12.7"D	14.1"L x 12.7"W x 11.2"D
REQUIREMENTS	Single Phase, 120V, 9A	Single Phase, 120V, 5A

**Ultra 1300**



**Ultra 1000M**



**Ultra 1000**



**Ultra 300**



**Ultra 1000M, 1000**

**Ultra 300**

PART SIZES	Up to 10.8"L, 3.9"W & 3.9"D	Up to 5.9"L, 3.7"W & 1.7"D
WORKING DEPTH	3.9" D	1.7" D
TANK SIZE	11.8"L x 5.9"W x 3.9"D	5.9"L x 3.7"W x 1.7"D
TANK CAPACITY	1.1 Gallons	.16 Gallons
BASKETS	One: Small Mesh	Jewelry Holder
TRANSDUCERS, 40 kHz	Bottom-Mounted	Bottom-Mounted
CLEANING CYCLE	Manual, Auto Shutoff	Manual, Auto Shutoff
HEAT	Yes	No
SONIC POWER	180 Watts	35 Watts
SOLUTION REPLACEMENT	Drain	No
MACHINE SIZE	12.7"L x 7"W x 8.8"D	8.1"L x 5.9"W x 5.1"D
REQUIREMENTS	Single Phase, 120V, 3A	Single Phase, 120V, 3A



# Detergents



## Ultra 1

Heavy-duty immersion and carbon cleaner ultrasonic cleaning detergent provides aggressive cleaning for the heaviest soils found in a wide range of industries. This is our most powerful cleaner.

## Ultra 2

Moderate-duty immersion and ultrasonic cleaning detergent provides vigorous cleaning for dense soils found in a broad range of industries. This is our second most powerful cleaner and our most recommended of the three. This detergent is also available with Copper /Brass Protectant.

## Ultra 3

Multi-purpose immersion and ultrasonic cleaning detergent provides combination of clean-ability and recyclability produced in a safe formulation. This is our most gentle cleaner for more delicate items. Also available with Copper /Brass Protectant.

Available in 1, 2.5, 5 or 55 Gallons



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Material	Fast Cleaning Times	Recommended Detergent	Solution Temperature	Ultrasonic Power
ALUMINUM	2-15 Minutes	2 or 3	120-140 Degrees	100%
ALUMINUM, BILLET	1-3 Minutes	2 or 3	120-140 Degrees	50%
ALUMINUM, CAST	2-15 Minutes	1, 2 or 3	140-160 Degrees	100%
ALUMINUM, POLISHED	1-3 Minutes	2 or 3	120-140 Degrees	50%
BRASS*	1-3 Minutes	2 or 3	120-140 Degrees	50-100%
CARBIDE	2-15 Minutes	1, 2 or 3	120-160 Degrees	100%
COBALT	2-15 Minutes	1, 2 or 3	120-160 Degrees	100%
COPPER*	1-3 Minutes	2 or 3	120-140 Degrees	50-100%
GOLD	1-3 Minutes	2 or 3	120-140 Degrees	50%
IRON	2-15 Minutes	1, 2 or 3	120-160 Degrees	100%
IRON, CAST	2-15 Minutes	1, 2 or 3	120-160 Degrees	100%
IRON, WROUGHT	2-15 Minutes	1, 2 or 3	120-160 Degrees	100%
MAGNESIUM	1-3 Minutes	2 or 3	120-140 Degrees	50%
NICKEL	2-15 Minutes	1, 2 or 3	120-160 Degrees	100%
PLASTIC	2-15 Minutes	2 or 3	120-140 Degrees	100%
SILVER	1-3 Minutes	2 or 3	120-140 Degrees	50%
STEEL, CARBON	2-15 Minutes	1, 2 or 3	120-160 Degrees	100%
STEEL, STAINLESS	2-15 Minutes	1, 2 or 3	120-160 Degrees	100%
STEEL, TOOL	2-15 Minutes	1, 2 or 3	120-160 Degrees	100%
TIN	2-15 Minutes	1, 2 or 3	120-160 Degrees	100%
TITANIUM	2-15 Minutes	1, 2 or 3	120-160 Degrees	100%
ZINC	2-15 Minutes	1, 2 or 3	120-160 Degrees	100%

\* Requires Copper & Brass Additive

# Easy Online Reordering

## Additional Machines



## Detergent & Filter Kits



## Detergent



## Filters & Oil Absorbers



## Maintenance Sensors, Seals & Bearings



## Proactive Periodic DIY Maintenance Videos



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Shop.UltraSonicLLC.com!**

# Cleaning Best Practices

## MATERIALS

1. Polished Cast Aluminum is not recommended for ultrasonic cleaning, as it can cause etching. Always start with minimum cleaning time, temperature and ultrasonic power.
2. Less parts clean faster than too many parts at once. Start with less parts and add to find optimal results.

## DETERGENTS

1. Ratio of water to detergent is 8-12% Recommended pH for Ultra 1 is 11.5-12. For Ultra 2 and 3, 10.5-11.5

## SOLUTION TEMPERATURES

1. Always use the lowest temperature for cleaning. Lightly soiled parts can use lower solution temperatures.
2. Heavily soiled parts require higher solution temperatures. Never go above 160 degrees.
3. High temperatures can cause etching and discoloration of materials.

## ULTRASONIC POWER AND CYCLE TIMES

1. Most parts can be cleaned with 100% power. Delicate parts like billet aluminum and soft materials favor 50% ultrasonic power.
2. Start at shortest cycle time, increase until soils are removed.

## TROUBLESHOOTING

1. Etching: usually seen on aluminum parts. Causes: hard water, solution temperature too hot, cleaning time too long, too much ultrasonic power or using too aggressive of a detergent.
2. Parts turning dark: usually seen on aluminum, copper and brass. Causes: Water to detergent ratio is too low and/or solution temperature is too high or using too aggressive of a detergent.
3. Chalky parts: pre-rinse parts. Causes: Water to detergent ratio and/or solution temperature is too high. Also causes flash drying.
4. Flash rust: detergents have rust protection. Causes: Water to detergent ratio is too low and/or solution temperature is too high.
5. Flash drying, chalky residue on parts or causes rust. Causes: solution temperature is too high and/or there is too much detergent.
6. Poor cleaning. Causes: hard water, pH is off, detergent percentage too low, no agitation, generators not working, solution temperature is too low or clean time is too short.

# Join The Clean Team!

A screenshot of the UltraSonic LLC website's 'Clean Team' sign-up page. The page has a blue header with the UltraSonic logo and navigation links. The main content area is white with a blue border. It contains a 'Join the UltraSonic Clean Team' section with a brief description and a 'Sign Up' button. Below this is a registration form with fields for 'First Name', 'Last Name', 'Company Name', 'Address', 'City', 'State', 'Zip', 'Phone', 'Email', and 'Website'. There are also checkboxes for 'I agree to the terms and conditions' and 'I agree to be listed on the website as a local service provider'. A 'Submit' button is at the bottom.

Scan the QR code or visit  
[UltraSonicLLC.com/contact/clean-team](http://UltraSonicLLC.com/contact/clean-team)

## Delivering Unparalleled Value

Let us help you generate as much revenue and Return On Investment as possible from your new UltraSonic, LLC precision cleaning machine.

The best part is, it's absolutely FREE.

After you experience the time savings and cost reductions from your ultrasonic cleaning machine, you will have the opportunity to be listed on our website as a local service provider of ultrasonic cleaning services. Let us know the territory you serve, types of parts you clean and your contact information. There is no limit to the amount of new Clients we send your way.

When you join the Clean Team, a Testimonial of how we've been able to minimize your cleaning time and costs would be very much appreciated.

## Testimonials

*"Exactly what I was looking for, carbon off. Cleaned the caked on carbon extremely well. Ordering easy and came very quickly."* -L. Cough

*"Fast shipping and well packaged. Solutions are the best on the market."* - Darryl B.

*"Great Staff. Great Product. Great Service."* -S. Estes

*"The team is always super helpful and knows their products!"* -C. Arguijo

*"I got a prompt call after I submitted a request for a quote. The rep answered all of my questions and helped me decide on a model. We got received it just a few days later. It suits us perfectly."* -A. Mantheakis

*"Sales Representative was very knowledgeable and extremely helpful in helping me decide on the right machine to meet our requirements."* -Jay

*"They were very helpful on the phone and I received my machine within days of ordering. Great service!"* -B. Howe

*"Prompt responses to emails and phone calls. Jason was very knowledgeable about the product. Dustin called to make sure we would have an easy time receiving the cleaner (we don't have a loading dock, needed a truck with a gate). It was an all around pleasant experience."* -J. Maier

*"This company has been great to deal with! We have purchased one machine and will probably be adding more."* -T. Shorts





**GET CLEAN PARTS**  
**FAST**

**With an UltraSonic Cleaning Machine!**

### Learn More



513.502.9746



Shop Online!



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