



Factory integrated robotic pick and place.
Client: US Mint.

Wet Tech processes and systems have evolved in response to listening to our clients' changing needs. These demands have been the catalyst for new configurations in a growing number of industries for applications that are now **Green** and dust free.

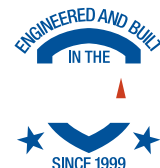
Through our network of distributors, you receive a high level of support, along with a more efficient surface finishing process.

Wet Tech In-House Services: Our laboratory provides testing and job shop processing.

Please call or email for more information. 631-285-7285
info@wettechnologies.com



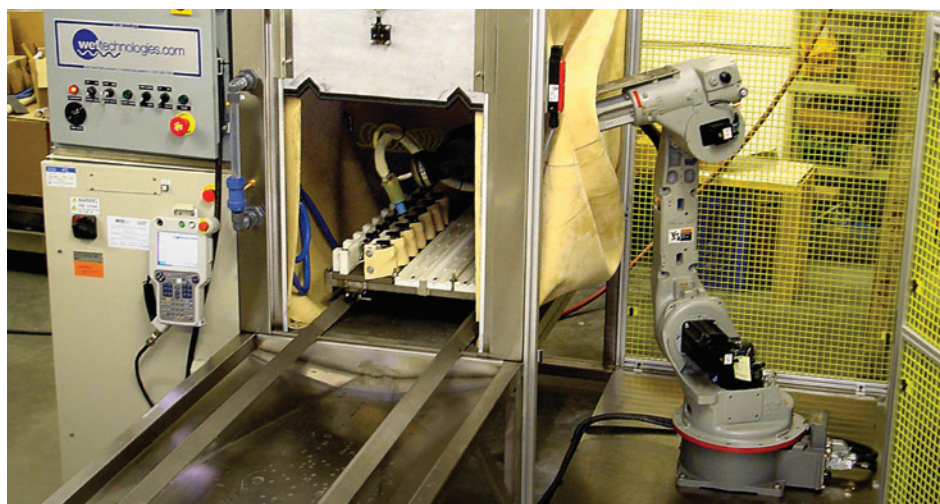
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Go Robotic

Now is the time to take a fresh look. Robotics has become a practical path to productivity for more applications and processes than ever before. Parts that require multiple moving nozzle angles are good candidates for Wet Tech designs, mating part handling and delivery with a multi axis robotic wet blasting system. Alternately, the part itself can be manipulated by robot, with the slurry nozzle or nozzles either stationary or moveable. In addition to being a Motoman Service Provider (MSP), we also integrate Fanuc, and other 6- and 7-axis robotic systems for industrial and defense applications to meet your requirements.

- More controllable, wider range of finishes than dry blasting
- Fully integrated with our standard manual and semi-automatic systems as well as shuttle and rotary configurations, and programmed at our factory
- Industrial TIG welded stainless construction



Factory-Integrated Robotic Nozzle Manipulation

6-axis robotic wet blast deburr and closed-loop rinse system. Client: Raytheon

Using your smart-phone camera or code reader app, scan the QR code below to load the Wet Tech web site.

Wet Tech has created wet blasting systems for Fortune 100 companies including Boeing, GE Aviation, Pratt and Whitney, Spirit Aero, Raytheon, Smith and Wesson, Rolls Royce, Bell Helicopter, Sikorsky, and many more.





Revolving and rotating nozzles allow for simultaneous finishing of all sides and angles of large and complex parts.
Client: Boeing



Robotic nozzle manipulation allows our systems to perform more complex tasks than ever before.



Part Manipulation



Nozzle Manipulation



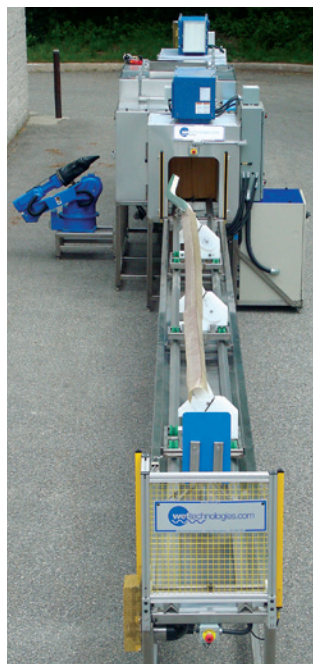
Typical Operator Interface

A Flexible Addition for Accurate, Repeatable Wet Blast Processing



- Simple tasks performed more accurately compared to manual processes
- Robotics free-up your skilled workforce to perform other important tasks, making better use of your resources
- Consistent process results that reduce management oversight
- Common factors that jeopardize timelines are eliminated
- Repetitive motion injuries are eliminated
- Robotics scale and adapt easily to part revisions
- Multiple robotic systems can be operated by a single controller to increase the speed or scale of a task
- A single robot can be programmed to perform multiple tasks, easing transition time, along with training and space requirements
- Software expands robotic capabilities allowing them to perform new tasks
- Increased margins through predictable, high-quality production helps you stay competitive, retain and win new business

Robotic Systems



Composite bonding preparation for Helicopter Rotor Blades.
Client: Boeing



Fully automated, six-axis robotic pick and place system for loading, descaling, rotating, rinsing and unloading commemorative coins. No hazardous acid washes or dust-producing dry blasting. Client: US Mint



High volume liquid abrasive and high pressure water surface finishing system.



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WTRL2018



ENGINEERED AND BUILT
IN THE

★ ★
SINCE 1999

Proven Wet Blast Equipment for Firearms Manufacturing Applications

Efficiency. Durability. Quality.

In the high-demand, high-production firearms manufacturing industry, Wet Technologies helped established customers such as Smith and Wesson, Sturm Ruger, and Sig Sauer equip our military, law enforcement, and private citizens with high quality, high-end firearms.

Custom Engineered Wet Technologies equipment can meet or exceed your current cycle times. Parts are ready for assembly, coating or plating. The *Wet Tech Process* produces repeatable, tighter tolerance, higher quality components.

Deburr Difficult to Access Surfaces on Firearms

The Wet Tech Process delivers a high concentration slurry from a single nozzle, or multiple precision programmed nozzles, to a fixed and/or rotating part.

Let us show you how in one system we can deburr AND smooth your firearm components.

Blend Machining Marks

Utilizing either round or angular media, machine marks such as swirls can be blended. At the same time a variety of cosmetic finishes are attainable.

Through our network of distributors, you receive a high level of factory trained support, along with a wide range of surface processing options.

Wet Tech In-House Services:

Our laboratory provides testing and short run job shop processing.

Please call or email for more information. 631-285-7285
info@wettechnologies.com



Our ability to operate at high media concentrations sets us apart in the wet blasting industry, directly contributing to lower media and compressed air consumption.

Firearms production now requires consolidating processes and floor space, high quality and efficiency, and faster ROI — and Wet Technologies Delivers!

A tradition of satisfied repeat customers include Smith and Wesson, Sturm Ruger, Sig Sauer, and more!

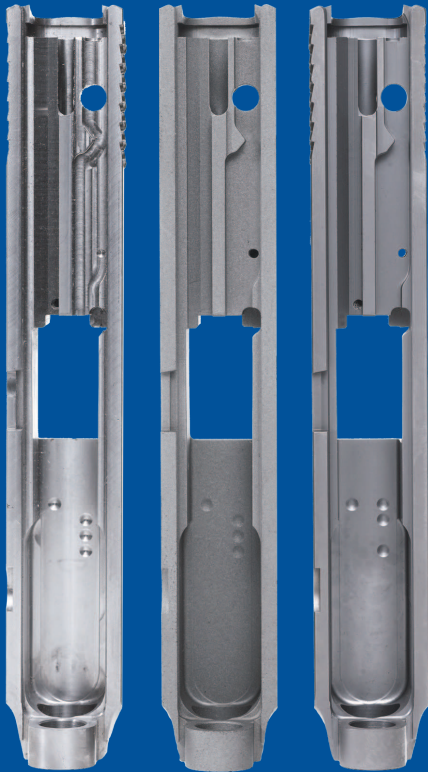
Scan the QR code to go to our web site and to contact us.





Equipment:

All stainless construction. Rotary, Batch Loaded, In-Line, Manual and Semi-Automated, depending on production rates and budget. We can perform part testing in our lab or through our local factory trained distributor.



Deburr edges and blend machining marks, followed by smoothing or lapping the surfaces while achieving a variety of cosmetic finishes.

Save Multiple Steps and Handling

Advantages of the Wet Technologies Process and Equipment.

- Capable of eliminating embedded media, often encountered in dry blasting.
- Ability to blast, rinse, and blow off surfaces in a chemical free, water-based, closed-loop system in one integrated, multiple-step work cell.
- Our special dust-free, negative pressure designs require minimal floor space, and allow for installation in close proximity to sensitive production areas and therefore increase efficiency in workflow.
- Our systems typically operate at or below 80 dB.
- No static build up.
The risk of dust fires and dust explosions eliminated!
- Water eliminates heat warping.
- A wide range of smoothness or Ra values can be achieved.
- Slurry can reach previously inaccessible surfaces.
- All customers can receive extensive factory training in operation and easy maintenance.
- We offer automatic monitoring of vital system parameters.
- All Wet Technologies systems remove broken down media and contaminants, and provide closed loop, filtered water for rinsing parts and tooling.

Replace mass finishing and hand deburr processes with a single-step process.

The Wet Tech Process is cleaner and more efficient than standard vibratory bowls, tubs with fixtures, high energy or drag finishing.



We are a United States
UL Certified Panel Shop



1363-11 Lincoln Avenue | Holbrook, NY 11741

TEL: 631-285-7285 | FAX: 631-285-7288

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Custom MRO

Wet Tech products and processes are the result of listening to our customers. Our innovative engineering and non-corrosive materials offer you highly durable, low-maintenance processes.

Through our global network of distributors, you receive a high level of support, along with a more efficient surface finishing process.

Wet Tech In-House Services: Our laboratory provides testing and limited run "job shop" processing.

Please call or email for a proposal.

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Wet Abrasive Blast Systems: Leading the New Standard for Aviation MRO

Clean Green Consistent Surface Finishing.

The Wet Tech process uses a water and media slurry driven by our proprietary high volume pump with regulated compressed air across the surface for your unique application.

Precise Control. Perfect Clearance.

- More controllable and precise than manual and dry blast deburring
- Minimize or eliminate the use of chemicals and their disposal
- Goes a step beyond parts washing and saves time by combining with other processes simultaneously, such as deoiling and blasting
- Dust free
- Deep cleaning without imbedded abrasive
- Reduces or eliminates warping
- Closed loop filtration and rinsing
- Expose cracks for detection
- Stripping and superior etching of composites for bonding & coating

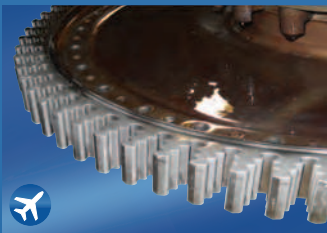


Automated System

Custom engineered composite etch process for Sikorsky



A tradition of satisfied customers including: GEAE, P&W, Rolls-Royce, Honeywell Landing Gear, Spirit, Boeing, Bell, Sikorsky, Honeywell Aerospace & Delta Tech Ops



**Precise Control For
Tight Tolerances**



Composite Etch Bonding Prep



Expose Crack & Prep for LPI



Descaling

Wet Tech Blasting for Aviation MRO Applications

- The Wet Tech Process is **GREEN**, dust free, and features standard Closed Loop Filtration.
- Capable of running all standard media including aluminum oxide, ceramic, and glass bead in all specified sizes.
- Our systems are specified for Aviation MRO engines, composite etching, stripping coatings and landing gear.
- Wet Tech systems currently in use for SPOP-9, 15, 16, 219 & 270; GE SPM 70-21-05 & P11TF4, among other specified processes.
- Oily parts can be cleaned without a pre-wash.
- Can remove contamination & coatings without removing anodized/Alodine coating using baking soda.
- When used with Baking Soda, consumption is reduced by up to 75% compared to dry blast. Has the ability to be rinsed completely from blind holes and passages.
- Delivers a brilliant finish on reman parts.
- Applications: descale, clean, etch for bonding, strip coatings, deburr, and custom profiling.

Wet Technologies has a full process testing lab available for demonstration. Call us to see what the "Wet Tech" process can do for you.

Automated and Inline Systems



Manual Systems

	WT36RP	WT36SS	WT50SS	WT60SS
Interior	36" x 36"	36" x 36"	50" x 50"	60" x 60"
Base Swing Door	25"W x 28-1/2"H	24"W x 24"H	39"W x 34"H	47"W x 34"H
Optional Vertical Door	25"W x 24"H	24"W x 24"H	39"W x 30"H or 36"H	49"W x 30"H or 36"H
Optional Turntable	18", 24"	18", 24"	36"	44"

Additional options and custom/automated systems are available
Closed-Loop Filtration and Rinse Gun, 460V@15 amps standard.
208V & 230V optional. 32 CFM/Gun @ 50 psi



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