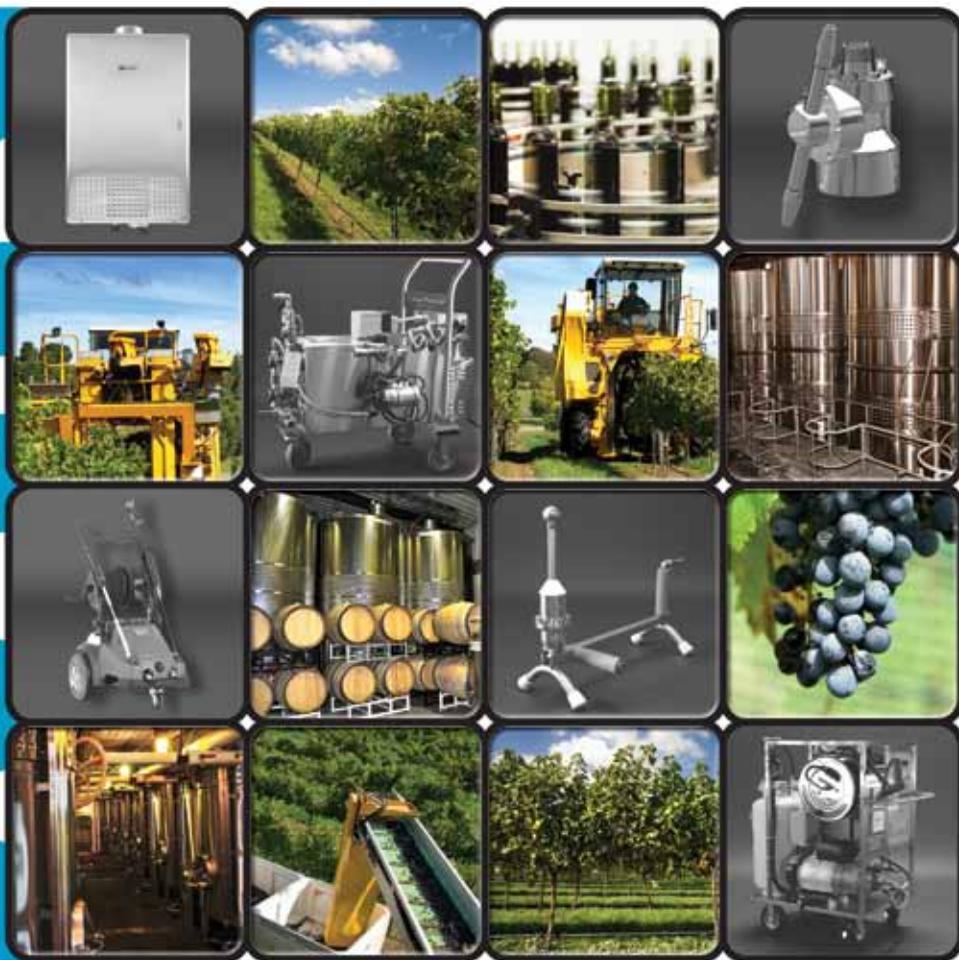


*& Food Processing*

## SANITATION SOLUTIONS



*serving the wine & food  
processing industries since 1985*

**AquaTools**   
water-driven products & solutions



*In 2010, I purchased a HotCart portable electric, gas fired, hot high pressure washer from AquaTools to drive my existing container cleaning tools. What a difference from our traditional diesel fired pressure washers. By using tankless water heaters to deliver hot water to their pumps, our sanitation process has improved dramatically. I since have replaced our container cleaning heads with AquaTools AquaBlaster LTs, and again night and day in performance and reliability. I would recommend AquaTools without hesitation if you're looking to improve your sanitation process in your facility.*

*Fred Johnson  
Veronica Foods, Oakland, CA*

## Portable Hot High Pressure Washer

### HotCart

The AquaTools HotCart was developed by AquaTools to replace traditional hot high pressure washers that rely upon water heated thru a coil that in turn makes the wash water non-potable and leaving particulates in the wash fluid. Because the HotCart uses onboard tankless water heaters to generate hot water the finished product is exactly the same as the source water only heated. The HotCart's digital touchpad allows the operator to set a precise temperature +/- only 1 or 2 degrees. The tankless water heaters are fired by clean burning, high quality propane creating significant reliability, increased portability and an extremely user-friendly environment. No more smelly diesel fumes or burner issues related to diesel, kerosene or less than high quality fuel.

### Features

- Portable stainless steel frame with locking casters
- Stainless steel hose reel with 50' high pressure hose
- KEW Poseidon high pressure pump-8.8 hp, 2750 psi, 5.5 gpm, 220/440/3
- KEW ergo-friendly trigger gun & KEW Tornado Lance
- Noritz energy efficient tankless water heaters with digital touch pads
- (2) 40# propane bottles with Quick-Connect





## Cold & HOT (up to 185°F) High Pressure Washer

### Poseidon 7-67FA

The KEW Poseidon 7-67 innovative premium class industrial cold and hot water pressure washer is designed to receive your hot water up to 185 degrees. The combined renowned lifetime and quality of the KEW C3 pump with optimal ergonomics, delivers an unbeatable heavy duty pressure washer for industry, agriculture, shipping, transport sector and food processing industry.

#### Features

- Ceramic pistons & fiber-reinforced seals
- Stainless steel valves
- Brass cylinder head
- Oil cup with level switch
- Integrated filter prevents dirt from entering the pump
- Visual oil inspection from outside the cabinet
- Integrated flow sensor—run dry protection
- Powerful 1750 rpm TEFC motor with thermal protection
- Low pressure detergent injection system with dual tanks

<b>Motor</b>	8.8 hp
<b>Phase</b>	1 or 3
<b>Power</b>	220-460V, 25-13A
<b>Water Flow</b>	5.5 gpm (max)
<b>Pump Pressure</b>	2750 psi (max)
<b>Temperature</b>	Cold or hot up to 185°F (max)
<b>Dimensions</b>	31" x 23" x 40"
<b>Weight</b>	196 lb

The choice of the North American industrial and solid waste industry due to its outstanding performance and reliability history with literally hundreds in service. The Poseidon is often combined with in-plant hot water systems to perform as a portable electric hot high pressure washer.

#### Accessories



*"We have bought high pressure washers from AquaTools and to this day the machines are great with no problems. Also the service and delivery were great."*

*Said El Oquad  
Tadmor, Inc.  
1179 W. Corporate Dr.  
Arlington, TX 76006*





## Rotary Surface Cleaner

### ANT4C 4-in-1 Contractor Hydro Twister®

The Hydro Twister has the output to tackle big cleaning jobs fast. It combines the features of 4 different accessories all into one system that allows you to quickly switch between each feature.

1. *Surface Cleaner:* Clean up to 20 times faster than with a standard wand without leaving “zebra stripes”.
2. *Water Broom:* Quickly rinse the area from debris before or after you clean.
3. *Gum Spot Nozzle:* Quickly remove gum and paint spots, located underneath the deck which eliminates over spray.
4. *Edge Cleaning Nozzle:* Clean the strip right up against pillars, columns, walls and buildings.



#### Features

- Low profile deck
- Low maintenance
- Stainless rotary arms
- Less fatigue
- Hose is protected inside stainless steel handle
- Rustproof and heavy duty for daily use
- Rear splash guard to keep operator’s feet dry

<b>Flow Rate</b>	3000-4000/5-5.5 psi/flow (max); large nozzle 10 (max)
<b>Standard Nozzle</b>	(2) #2.7
<b>Temperature</b>	Cold to 250°F
<b>Deck Size</b>	28"
<b>Material</b>	Stainless steel



*An onboard edging tool cleans close to planters, columns, and walls.*



*Use the water broom to rinse a large area.*

The Contractor Hydro Twister is the proven choice for professional surface cleaning. The dual trigger guns activate either the rotary spray arm or one of the other three devices. By combining four processes into one unit, you will save time and fatigue when cleaning large expanses of concrete, parking lots or other flat surfaces. The secret that makes the Contractor Hydro Twister so effective is the ideal water spray angles and nozzle heights that optimize cleaning power.



## Commercial Tankless Water Heater

### NC380

The Noritz NC380 by AquaTools is one of the largest capacity tankless water heater on the market today. Features include Quick-Connect and is best suited for heavy commercial use. Obviously since the unit is built larger the tubing diameter is larger also, which results in faster hot water delivery than our competition (don't get fooled by imitators that put two smaller units into one huge heater case!).

The NC380 when coupled with a hot high pressure washer can provide the cleaning power of hot water to meet the demands of any industry. A single unit can produce over 13 gallons per minute. With its stainless steel casing and ASME accreditation, no other tankless water heater on the market can match its durability and performance.

#### Advantages

- *Redundancy:* Any one of the commercial units on a multisystem can be taken offline and serviced without compromising your business.
- *Efficiency:* A commercial system heats water using only the energy necessary, reducing energy consumption significantly and saving on water heating costs.
- *Versatile Installation:* Commercial units can be installed indoor or outdoor; wall hung or racked.

#### Compatible Products

##### Poseidon Hot & Cold High Pressure Washer –

The KEW Poseidon 7-67 innovative premium class industrial cold and hot water pressure washer is designed to receive your hot water up to 185 degrees. The combined renowned lifetime and quality of the KEW C3 pump with optimal ergonomics, delivers an unbeatable heavy duty pressure washer for industry, agriculture, shipping, transport sector and food processing industry

<b>Output Voltage</b>	120 VAC, 60 Hz, <4A
<b>Gas Consumption</b>	22,500-380,000 btuh (max)
<b>Hot Water Capacity</b>	13.2 gpm
<b>Temperature</b>	100-150°F, 160, 170, 181.4°F
<b>Connections</b>	Water inlet 1", hot water outlet 1", gas inlet 3/4"
<b>Installation</b>	Indoor/outdoor
<b>Dimensions</b>	29.5"H x 18.9"W x 11.8"D
<b>Weight</b>	105 lbs





## High Pressure Sanitation System

### AquaSteam

*The AquaSteam is built in accordance with requirements of the ASME boiler and pressure vessel code ASMECS-1 and bears the national board stamp (CSA + CRN available).*

The AquaSteam Portable Electric Steam Generator by Reimers has proven to be a valuable tool to the wine industry for over 10 years. When coupled with an AquaTools barrel wand the AquaSteam quickly goes to work faster than its competition due to its standard on-board booster pump. The RBH20KW steamer is the favorite amongst smaller facilities due to its price point, efficiency and reliability while its bigger brother the RBH30KW is a friend to larger facilities like Sterling and Kendall Jackson Stone Street where it can be observed washing two lines of barrels with one machine.



### Features



- Compact Design
- Fully adjustable
- 30' power cord
- Easy to read digital display/diagnostics
- Booster pump assists in rapid steam and high pressure production
- Blowdown
- 33' high quality steam hose with SS TriClover fitting
- 3 wheel cart with locking caster and push handle

Kilowatts	1.5 to 500
Boiler Horsepower	0.15 to 50
Evap Steam	5-1740 lbs/hr (2.27-789 kg/hr)
Pressure Range	0-150 psig (0-0.2 bar)
Output Voltage	120/208/240/380/415/480/600 50 or 60 Hz
Phase	1 or 3
Material	Stainless steel
Weight	172 lbs



## Portable Barrel & Tank Cleaning

### AquaBlaster LT

The AquaTools AquaBlaster LT is the most efficient barrel and small tank cleaning tool available. Lightweight yet durable, the LT cleans faster, is more thorough and uses less water than any other cleaning tool available today. Insertion is easily accomplished due to the LT's ergo-friendly design either in combination with a stand or a roller system.

#### Features

- No external power other than water
- Stainless steel construction
- Round, non-protruding washer heads
- Uses water temperatures up to 194°F
- Water flow rate of up to 7.9 gpm
- Fast cleaning cycle
- Environmentally-friendly

The LT is ideal for applications where the insertion opening is smaller than two inches such as wine barrels and closed head 55 gallon drums.

The cleaning efficiency of the LT is achieved thanks to four stream jets at low flow rate but high pressure, thus providing high impact washing. Stream nozzles rotate around a turret to provide complete orbital cleaning coverage of all interior surfaces.

The LT incorporates a stand at the base that stabilizes and protects the cleaning device during and after insertion.

Inlet Thread	1/2" NPT
Material	316 stainless steel
Cleaning Area	4 nozzles up to 6'
Cleaning Cycle	45 sec & higher
Cleaning Pressure	100-2000 psi (adjustable)
Permissible Pressure	2300 psi
Rated Flow Rate	4-5.5 gpm
Water Temp	185°F (max)
Insertion Opening	2" (max)
Barrel Nozzles	4 x 1/8" NPT
Tank Nozzles	2 x 1/8" NPT

*"Like all AquaTools barrel cleaning tools, reliability is at the forefront. Competitors have struggled with building a device that will hold up so AquaTools continually emphasizes unsurpassed reliability and outstanding service."*

*Winebusiness.com  
1/21/2010*





*The AquaBlaster we purchased from AquaTools works great. We use it on all our barrels, tanks and kegs. I no longer have to crawl into tanks for cleaning. I just hook up the AquaBlaster and set the hot water at 195° and walk away.*

*Michael Roser  
Cooper Vineyards  
21215 Shenandoah School Rd.  
Plymouth, CA 95669*



## Fluid-Driven Barrel & Tank Cleaning

### AquaBlaster 360

The AquaTools AquaBlaster 360 was introduced as a replacement for the less than reliable Gamajet barrel cleaning devices offered in the late 1990's and has proven to be a reliable workhorse ever since. Though it is heavy, bulky and not very sexy, it is still our top selling container cleaning tool due to its affordability and ability to do a fantastic job cleaning both barrels and the smaller tanks.

#### Features

- Fast cleaning cycles
- Significant water savings
- Stainless Steel
- High impingement cleaning
- Adjustable nozzle sizes
- 2/4 nozzle cleaning turret
- KEW Bayonet Quick Connect adapter

Inlet Thread	1/2" NPT
Material	316 stainless steel
Cleaning Area	4 nozzles up to 6'
Cleaning Cycle	45 sec & higher
Cleaning Pressure	100-2000 psi (adjustable)
Permissible Pressure	2300 psi
Flow Rate	4-5.5 gpm
Water Temp	185°F (max)
Insertion Opening	2" (max)
Barrel/Tank Nozzles	4/2 x 1/8" NPT

The 360 is a robust and powerful barrel cleaning tool that produces like new barrels in a minimal amount of time. This fluid-driven, water-saving device can be driven by nearly any high pressure washer and is designed for insertion into barrels with the bung opening pointed directly downward.

The 360 is driven by hot or cold high pressure washers that produce 4 gpm of flow or more. The higher the flow, the faster the rotation of the nozzles, which in turn produces a more rapid cleaning cycle. High pressure in-line Y filters are recommended and available to prevent particulates from interrupting the internal rotational gears of the "360".

The 360 incorporates a plate at the base that stabilizes and protects the cleaning device during and after insertion. The "360" allows for easy insertion into wine barrels mounted on most Western Square or TOPCO type barrel pallets and can be incorporated into traditional barrel cleaning platforms that contain rotational rollers.



## Tank Cleaning Machine Integrated Turbine

### SC15TW2

The Scanjet SC15TW2 rotating jet-head is a 1.50" dual nozzle automated tank cleaning machine constructed of 316L stainless steel and other highly corrosion resistant materials. The SC15TW2 has a fixed to moving gear ratio of 47 to 49 allowing it to produce a homogenous 360° pattern that is superior to that of any other rotating jet head in it's class.

#### Features

- Rugged construction
- Adjustable turbine
- Exceptional jet lengths
- Easy maintenance
- 316L SS construction
- Optimized cycle times
- Flow through gearbox

The SC15TW2 is classed as a rotating jet-head with an integrated turbine drive and employs an adjustable turbine and flow through gearbox. The adjustable turbine allows the rotation speed of the SC15TW2 to be adjusted without the need of changing costly stators and/or gearing found in other similar cleaning devices in its class.

Drive	Integrated turbine
Programmable	No (adjustable turbine)
Gear Ratio	47/49
Spray Pattern	360°
Pressure Range	0-300 psig (0-20.69 bar)
Flow Range	0-178 gpm (0-40.42 m3/hr)
Water Temp	35-252°F (1.67-122°C) static
Jet-Length	Max @ 200 psig (13.79 bar) static; 55' radius (16.7m)
Weight	20 lbs (9.09 kg)
Opening	Minimum 6.6185" (168.11 mm)
Installation	Portable & fixed
Turning Radius	Operating 5.2165" (132.5 mm)
Materials	316LSS; PEEK; PTFE; Others
Inlet Connections	1.50" NPT(M) & 1.50" BSP(M); 1.50" Camlock Part A; others on request
Lubricant	Cleaning media

*The SC15TW2 is produced in accordance with ISO 9001 Quality Standards and our certificate of conformity and accreditation is available on request. Additionally, the SC15TW2 conforms to United States ASME standards for construction and is type approved by DNV, ABS, and Lloyds.*





## Tank Cleaning Machine

### BIO 50

The Scanjet BIO 50 is a 4 or 2 nozzle automated tank cleaning machine constructed of 316L stainless steel and other highly corrosion resistant materials. The BIO 50 has a fixed to moving gear ratio allowing it to produce a homogenous 360° spray pattern that is superior to that of any other rotating jet head in its class.

The BIO 50 is classed as a rotating jet-head with an integrated turbine drive and employs self-washing and other features making it a hygienic design for use in operations that require such design criteria.

#### Typical Cleaning Methods

- Fixed Installed CIP Systems
- Multi-tank Solution Recovery
- Single Use/Single Pass
- Single Use/Recirculatory

The Bio 50 is produced in accordance to stringent quality standards and meets or exceeds ISO 9001 International Quality Standards as well as conforming to the cGMP as detailed by the United States FDA (Food and Drug Administration and EHEDG (European Hygienic Equipment Design Group).



Flow	0-114 m3/hr (0-590 gpm)
Pressure	12-12 bar (30-175 psi)
Water Temp	Operating: 203°F (95°C); static: 284°F (140°C) max
Weight	15.4 lbs (7 kg)
Connections	2.00" NPT(F) and 2.00" BSP(F)
Material	AISI 316, PTFE, PEEK, Tungsten, Al202
Lubrication	Cleaning media

*“Outstanding customer service. It gives us confidence knowing that we are killing bacteria with our HotCart and AaquaBlaster. Our work environment is cleaner. Clean up is quicker.”*

*Clyde Vaughn, Owner  
Stony Ridge Vineyard  
Livermore, CA*

---

*“We have been using the Aaquatool pressure washer with the ICS Blst-N-Vac barrel washer for about a year and a half. The high temperature and pressure water combines with rotating spray jets keeps our barrels tartrate free for more effective cleaning and “sanitizing” with ozone or SO2. The vacuum empties 99% of the liquid from the barrel for easier handling and less mess. We have washer over 2000 barrels and the unit has been mostly maintenance free during this time. The few replacement parts we needed were available within a couple of days. I recommend this unit for those who want truly clean barrels.”*

*Pete Hedges, Winemaker  
Hedges Family Estate Winery*

---

*“The AaquaBlaster we purchased from AaquaTools works great. We use it on all our barrels, tanks and kegs. I no longer have to crawl into tanks for cleaning. I just hook up the AaquaBlaster to our KEW 5003V and set the temperature to 185° and walk away.”*

*Michael Roser, Winemaker  
Cooper Vineyards  
Plymouth, CA*

*“Our HotCart has been flawless since we purchased it. I'm especially impressed with the efficiency of the tankless water heater, also how quiet it is when we utilize the hot water generator without the pressure washer. One suggestion; the piping coming down out of the water heater could use a bracket for support. My fear is that while moving the HotCart if the water supply hose were pulled on, it could potentially cause damage up into the tankless water heater itself.”*

*David Baker  
Hook and Ladder Winery  
Santa Rosa, CA*

---

*“At Chateau Potelle, we have been using Aaquablaster for about 1 year to clean our barrels. We have been very happy with the performance and reliability of the Aaquablaster. It is a sturdy barrel washer and the most important for us is that it does a very good and consistent cleaning of our barrels.”*

*Yannick Rousseau, Associate  
Winemaker  
Chateau Potelle  
Napa, CA*

---

*“The AaquaBlaster we purchased from AaquaTools works great. We use it on all our barrels, tanks and kegs. I no longer have to crawl into tanks for cleaning. I just hook up the AaquaBlaster and set the hot water at 195 Deg. and walk away.”*

*Michael Roser  
Cooper Vineyards*

*“We've been using the AaquaBlaster for a couple of years now and it's been just the ticket for our small winery operation. It's fast and easy to hook up to our KEW and delivers enough blasting power out of the four heads to REALLY clean barrels. Not “wash” them but CLEAN them! The flashlight doesn't lie....I can't imagine NOT using it as a regular part of our barrel program.”*

*Squire Fridell  
GlenLyon Vineyards & Winery  
Glen Ellen, CA*

---

*“We really went back and forth regarding our decision to purchase the AaquaTools HotCart. Buying the Hot Cart was the best decision we made. It already has paid for itself in 2 weeks. The combo of power and heat generated has been invaluable in our startup winery. I honestly cannot envision running a winery without one.”*

*Blind Horse Winery  
Thomas Nye Kohler, Wisc*

---

*“I wanted to thank Steve for picking up the phone and talking with me and our Mechanic; Mario Balcazar. He was very helpful and we look forward to better service and responses from this company in the future. We care about the health of our seasonal creeks.”*

*Pasatiempo, Inc.  
Francine Moody, Office assistant  
& horticulturist  
Paul Chojnacky, Superintendent  
Mario Balcazar, Mechanic*



**Wine Industry Sanitation** | antimicrobial | sterilization | bottling line sanitation | high pressure steam sanitation | barrel sanitation | mobility | portability | control microbial loads | **UV light sanitation** | save water | **environmentally friendly** | barrel washing | tank warming | fast cleaning cycles | no residue | extend barrel life | non-intrusive | chemical-free | photon sanitizing system | **tank cleaning** | barrel room humidification | **reduced contamination** | sulfur-free | TCA reduction | enhanced oak characteristics | PSS | Sanitation for the Wine Industry | antimicrobial | sterilization | bottling line sanitation | high pressure steam sanitation | **barrel sanitation** | mobility | portability | **control microbial loads** | UV light sanitation | **save water** | environmentally friendly | barrel washing | tank warming | fast cleaning cycles | **no residue** | extend barrel life | non-intrusive | chemical-free | photon sanitizing system | tank cleaning | barrel room humidification | reduced contamination | sulfur-free | TCA reduction | enhanced oak characteristics | PSS | **Food Processing Industry Sanitation** | antimicrobial | **sterilization** | bottling line sanitation | high pressure steam sanitation | barrel sanitation | mobility | portability | control microbial loads | UV light sanitation | save water | environmentally friendly | barrel washing | tank warming | fast cleaning cycles | no residue | **extend barrel life** | non-intrusive | chemical-free | **photon sanitizing system** | tank cleaning | barrel room humidification | reduced contamination | sulfur-free | TCA reduction | enhanced oak characteristics | PSS

**AquaTools, Inc.**

3233 Fitzgerald Rd., Suite "B"  
Rancho Cordova, CA 95742

(916) 635-2922 ph  
(800) 777-2922 toll-free  
(916) 635-8856 fx

sales@aaquatools.com  
www.aaquatools.com