

Why Choose

ALGOR

Since 1989



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Quality. Style.
Uncompromised.

PHILOSOPHY

Your Success Is Our Success

At Algor, we have been hard at work for our clients' success since 1989. We have earned the trust of wine, beer and olive oil producers around the world thanks to our unwavering commitment to:

- Quality
- Reliability
- Functionality
- Design
- Customization
- Competitive Pricing
- Customer Service



TANKS

We offer a wide selection of vessels to meet the most varied and demanding production requirements.

- Variable capacity tanks (Open top)
- Storage tanks (Closed top)
- Stackable tanks
- Customized tanks
- Kombucha tanks
- Jeweled or Brushed exterior finish
- Polished interior finish
- 100 liters (26 gallons) to 16,000 liters (4,225 gallons)
- Flat, dish, or 5% sloped bottom
- 360° cooling jackets and shaped cooling jackets (optional)



FEATURES

Because we understand that time, functionality and convenience are of the essence, most tanks come standard with Algor-built accessories.

- Top manhole cover for storage tanks
- Floating lid kit for variable capacity tanks (includes pressed floating lid, TPU inner tube, pump, PVC relief valve)
- Pulley arm
- Round, oval, or rectangular manway door
- Sample valve
- Stainless steel level gauge
- Thermometer (standard for tanks with cooling jackets)
- 1", 1½" or 2" Triclamp outlets for partial and full drain



STACKABLE TANKS

Algor stackable solution maximizes valuable floor space so that productivity is never hindered – no matter the size or layout of the facility.

STACKABLE: Stack up to four tanks at a time for a total volume of up to 4000 Liters (1056 Gallons).

PORTABLE: Equipped with forklift pockets for safe and effortless transport.

REMOVABLE: The tanks are solidly bolted to the cage – not welded – so they can be easily removed for thorough cleaning.

FOOD GRADE: Round tanks eliminate the risk of residue or bacteria accumulation that can be found in the corners of square stackable tanks. Additionally, our tanks and cages are built with European AISI 304 stainless steel for easy cleaning and maximum hygiene.



CUSTOM TANKS

Every winemaker, brewer and olive oil producer has different needs. At Algor, we are committed to serving our clients by manufacturing exactly what they require, no matter how unusual or complex the design.

On the opposite page is an example of a fully customized storage tank with cooling jackets. What makes it unique is that it is divided in three compartments of the same size. Each compartment is aseptic and perfectly sealed with our pressed tops. Our customer requested this particular design in order to be able to work with different wines simultaneously.



KOMBUCHA TANKS

Algor is proud to announce the 2020 launch of a one-of-a-kind line of stainless steel tanks specifically tailored to the needs of kombucha fermentation.

This line of vessels features an ideal surface-to-depth ratio to promote balanced symbiosis and high ethanol metabolism, which results in low alcohol kombucha brewing. Built with four to five access ports fitted with 1.5" Tri-Clamp ferrules for efficient kombucha transfer, QC accessories and sanitary connections, these tanks accommodate multiple brewing methods. A reusable sanitary cover for perfect air exchange and protection during fermentation is also available. The three volumes offered – 220 Liters (58 Gallons), 520 Liters (137 Gallons) and the featured 1025 Liters (270 Gallons) – allow for unlimited scalability.

We have combined American Kombucha veteran design with Italian craftsmanship to create the ideal solution for commercial kombucha brewers.



ACCESSORIES

All accessories are manufactured in-house for seamless integration, design consistency and uncompromising quality. They come in a wide variety of sizes and types.

- Pressed floating lids (w/stay-bars for lids over Ø 1600mm)
- TPU inner tubes
- Inox pumps
- PVC relief valves
- Top manhole covers (back-side, side-swing, clamping points)
- Side manway doors (round, oval, rectangular, guillotine)
- Inox butterfly, Inox knob, or Nylon wheel handles
- EPDM gaskets



COOLING JACKETS

Our 360° cooling jackets cover the entirety of the circumference of the tanks for outstanding temperature control. Additionally, we offer shaped cooling jackets that perfectly hug the contour of the bottom of the tanks. For absolute reliability, each cooling jacket is thoroughly tested before delivery.

- Even glycol/water flow distribution
- Consistent temperature all-around the tank
- No dead-spots
- Up to 3 BAR (43.5 PSI) pressure
- Range: +14°+122°F (-10°+50°C)
- Each jacket is tested at 14 BAR (203 PSI) pressure prior to delivery



GUILLOTINE DOORS

For 30 years, Algor has been a leader in the manufacture of rectangular, round, oval and semi-oval side manway doors for stainless steel and concrete tanks, as well as wood vats and barrels. This experience led us to develop the guillotine door, a unique product designed to meet specialized production requirements.

- Various designs/styles available
- Manual or pneumatic piston system
- 3D Frame laser cutting
- FDA approved EPDM gasket
- Sizes range from 420 x 530 mm (16.5 x 20.8 in)
to 800 x 1000 mm (31.5 x 39.4 in)



STEEL

Our clients deserve the best. To this end, we only use certified European stainless steel grades AISI 304 and AISI 316 as well as raw materials. The finish of the stainless steel is bright annealed (BA). The interior is polished and the exterior either jeweled or brushed. Certification is available upon request.

- High resistance to corrosion
- Maximum hygiene
- Easy cleaning

Impeccable engineering allows us to build structurally sound, robust and durable tanks with the following stainless steel thicknesses:

- Walls: 0.8 mm to 2 mm for small tanks, 1.5 mm to 2.5 mm for large tanks
- Pressed tops & bottoms: 1 mm for small tanks, 2 mm for large tanks
- Cooling jackets: 0.8 mm



MATERIALS

To ensure the highest safety, the FDA sets strict standards for the food processing industry. We only use the highest quality and FDA compliant materials for our customers' peace of mind.

- FDA approved EPDM gaskets
- FDA approved TPU inner tubes
- FDA approved PVC relief valves
- Certifications available upon request



MOLDS

For unsurpassed consistency and quality across Algor's line of products, we manufacture round tops, round bottoms and floating lids using the latest molding technologies. And for even greater flexibility when it comes to shapes and dimensions, we have created our own patented molds.

- Clean, precise and perfect shapes
- Minimum welds
- Maximum safety
- High resistance to pressure
- Aseptic
- Unique dimensions



WELDING

To ensure exceptionally precise, strong, clean, and aseptic welds with a flawless finish we have automated most of our TIG (Tungsten Inert Gas) welding process.

In addition, we perform a single mechanical pass to clean and polish each weld (inside and out) in order to obtain a flat, clean surface without altering or thinning the weld or stainless steel.

When necessary, our highly trained and skilled TIG welders perform the welds manually.



FRAMES

Algor is the only manufacturer to offer 2 types of frames:

- Frames built with inox plates (THK 8, 10 mm)
- Frames built with inox sheets (THK 3mm)*

*This option – patented by Algor – is lighter and thinner, and offers the same outstanding quality as the inox plates at a lower price point.

Algor offers 3D laser cutting of the frame to save valuable time when welding the door to the tank, while allowing for seamless visual integration.



ENGINEERING

The quality and design of our tanks is supported by unmatched engineering. This allows for sturdy and durable tanks. The structural integrity, rigidity and roundness of Algor tanks is ensured by:

- Using patented molds for the manufacture of tops, bottoms and lids
- Rolling a reinforcing lip at the top of the tank wall (for open top tanks)
- Banding the top of the tank (for small open top tanks)
- Pressing the bottoms with a 25 mm border
- Welding the legs at the edge of the tank wall
- Reinforcing the 5% sloped bottoms with stainless steel rings (8 x 80 mm)



LOGO

At Algor, we leave no detail unattended. Our new logo reflects Algor's commitment to quality and design. With our state-of-the-art tanks and accessories, and all-around care to design, your winery and brewery will always look stunning.

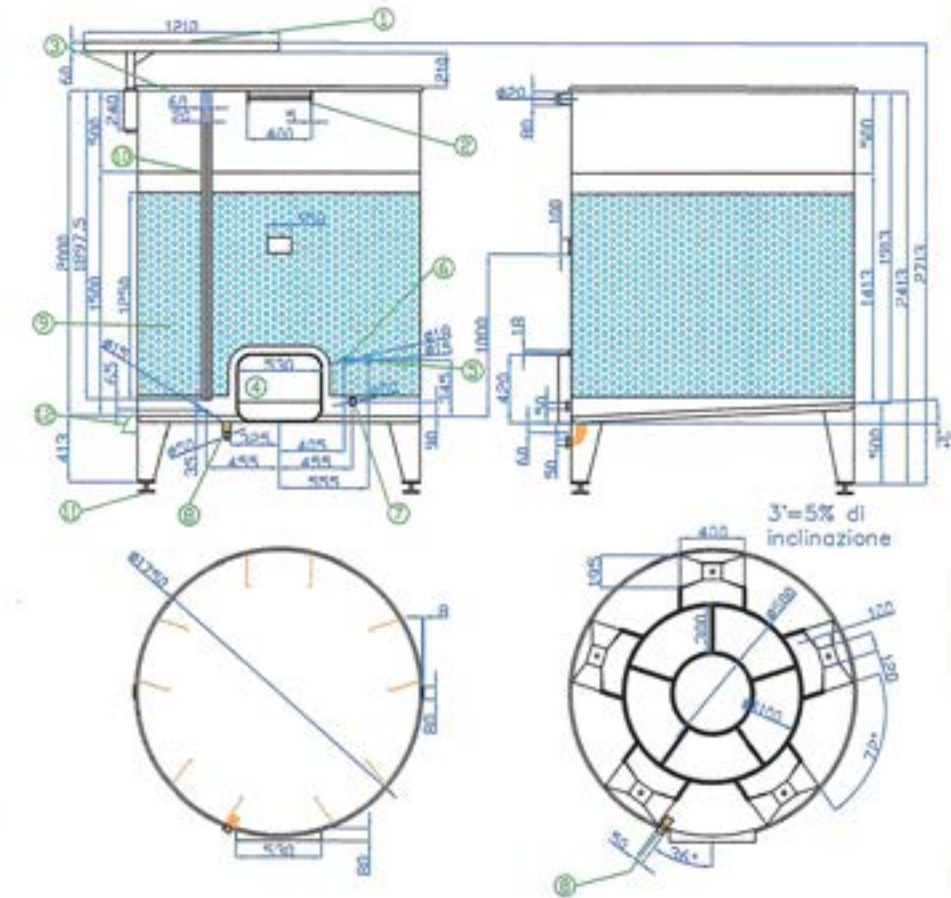


DRAWINGS

Transparency and open communication are at the heart of any successful collaboration.

Whenever a customization is requested on one of our accessories or tanks, or an entirely customized item is ordered, Algor sends technical drawings to the customer for approval. The drawings are delivered in Italian or – upon customer request – in English.

Production starts only upon approval of drawings.



US PRESENCE

As of 2017, Algor has established a presence in the USA to facilitate our customers' experience.

- Face to face interaction
- Ease of communication
- Lower costs by converting prices from Euros to US Dollars at a 1:1 ratio

Our Los Angeles office handles quotes, orders, and billing. Pick-up of merchandise is done at our plant in Italy. Shipping terms are ExWorks.



WAREHOUSE

Sometimes, even the best laid-out production plans run into unexpected challenges. Our plant is well-stocked with our standard line of tanks and accessories for prompt shipping during such times.

For greater convenience to our American customers, Algor plans on setting up warehouses on US soil in the future.



TEST & PACK

All merchandise is thoroughly tested prior to packaging and delivery.

ACCESSORIES

- All accessories are assembled and tested one by one
- Packed in 100 micron plastic bags
- Each bag is stuffed in cardboard boxes for optimal protection
- Securely sealed on wood pallets by automated machinery

TANKS

- Each weld is tested for porosity percentage
- Each cooling jacket is tested at 14 BAR pressure (203 PSI)
- Tanks are sealed in cardboard and PVC prior to loading
- Large tanks are loaded on wood pallets and securely strapped



DELIVERY

At Algor, we are committed to helping make the transport and shipping of merchandise as efficient and convenient as possible.

NESTING

To maximize container space usage during transport, Algor studies and suggests the most effective nesting options. Consequently, we may recommend order adjustments to avoid wasted space in container.

DELIVERY

Algor delivery terms are ExWorks. Merchandise is available for pick-up by the customer's shipping company at our Italian plant on most Fridays. We assist with loading the merchandise.



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