



BCAST
TANKS & VESSELS
By MXD Process

**Exactly what you need,
when you need it.**

PRODUCT BROCHURE

MXDPROCESS.COM



Here to help, from beginning to end.

We founded MXD Process on the belief that helping companies better serve their customers can change the world. We believe we make the world a little better when we help customers produce higher-quality products at a better price while consuming fewer resources. To bring this reality to life, we strive to be the most helpful company in the process engineering and equipment industry.

We do this by starting with a simple question, "What are you trying to make?" We dig into your process design and production methods to deeply understand your needs. We apply our process expertise to customize a solution to solve your challenge, not sell what products we have on the shelf. Our teams support you through installation and ramp-up so you can better serve your consumers.

Our broad range of process tanks, mixers, controls, mills, and accessories are designed in-house to meet your needs. Let's connect and work together to improve your process and make the world a little better every day.

MXD Process Products



Designed to the highest standards. Yours.

Whether you're in the market for a high-tech, pressurized vessel that keeps things cool (or hot) under pressure or just a reliable tank that promises no surprise leaks, our BCast lineup is ready to step up to the plate.

Customization? That's no problem. From meeting the strictest industry standards to adding that one-of-a-kind fitting, achieving mirror-like finishes, or making sure our gear plays nice with your existing setup – consider it done.

Have a vision for the perfect vessel but need a little help to bring it to life? Our engineers are at your service and ready to design the vessel your process needs. Or, if you've already got the blueprint and just need someone to make it happen, our fabricators are all about getting down to brass tacks, following your specs to the letter. Bring us your plans – we're here to make it happen.



Work with our skilled engineers

We offer a large amount of customizations and upgrades for stainless steel tanks. Whether you're looking for a completely custom solution or a standard configuration, our engineers and fabricators work closely with you to optimize a vessel for your process.



Heating & Cooling

We manufacture our tank jackets in-house so that they can meet your most complex needs. High pressure? Extreme temperatures? Balanced heat distribution? Look no further.

Mountings and Fittings

Whether you need a NPT ball valve, a tri-clamp ferrule, or a manway, we've got you covered. No matter the mount or the fitting, our tank shop can accommodate your process requirements.

Certification

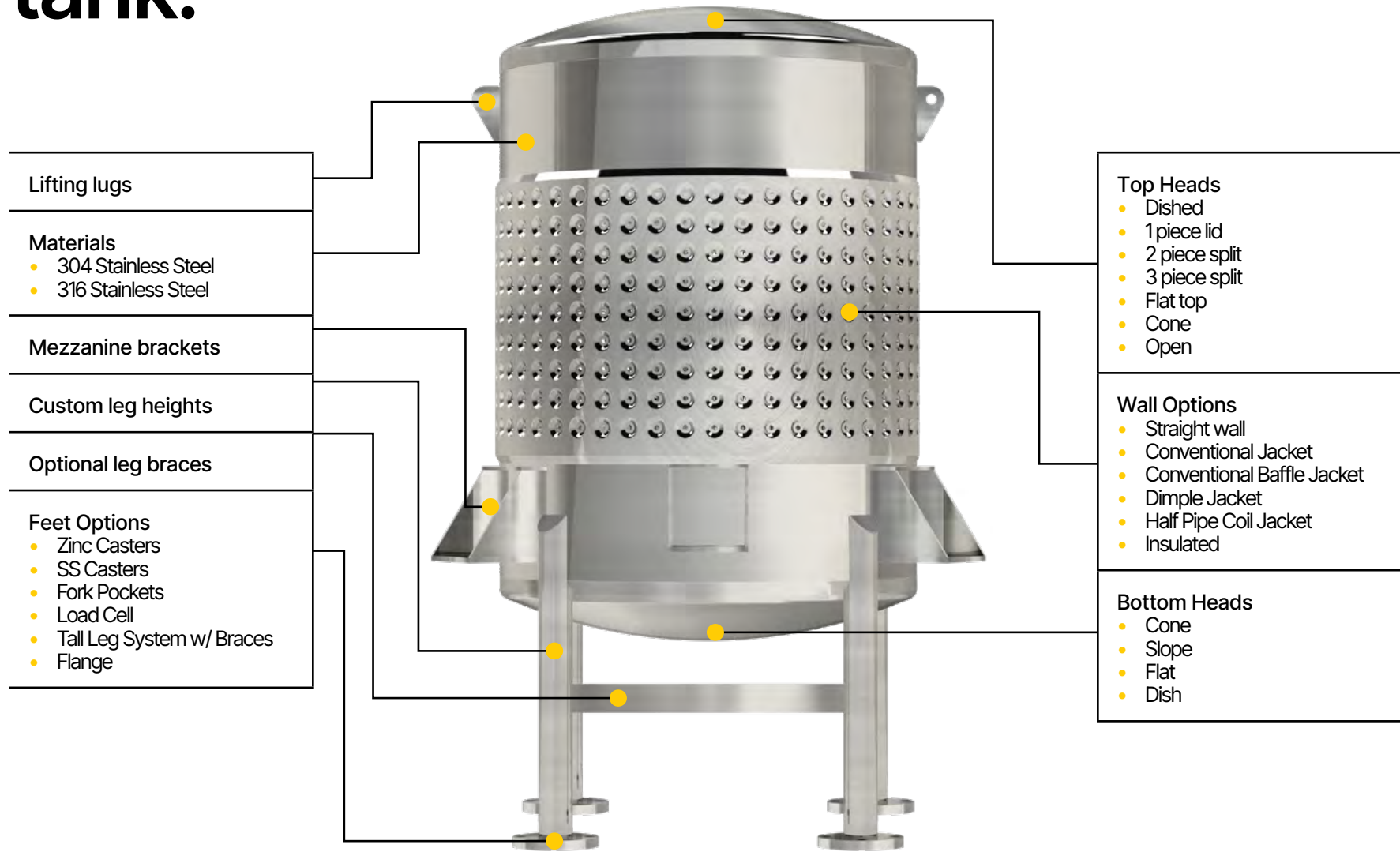
Manufacturing companies throughout the world recognize the ASME stamp as one of the highest affirmations of workmanship. Our tank shop is ASME certified and can build tanks to meet the highest demands. We can also accommodate for UL142 and NFPA 30 certification upon request.

Full Integration

If you need more than just a tank, you're in the right place. Our expert engineers can spec and design entire processing systems. From tanks to mixers to controls, we are your comprehensive partner for process solutions.

Or design your own tank.

Our online Tank Designer gives you the ability to design and quote your custom vessel, instantly. With hundreds of customization options and combinations, your new storage, pressure, or processing tank is only a click away.



Engineered Tanks, Built to Perform.

We fabricate our tanks in-house, using high quality 304 or 316 grade stainless steel, allowing for high levels of chemical and abrasion resistance, and durability for years in operation.

To meet even the most strict industry requirements, we offer multiple levels of polish for the interior and exterior of all tanks.

Polishing Options

2B	A basic finish for non-sanitary uses. Welds visible, ground with sharp edges removed. Clean, satin finish on tank body.
2B-G	Our standard finish. Welds ground to a mill finish, cleaned and de-burred. Satin finish on tank body.
#4 Food Grade	A high quality polish. All welds ground, cleaned and polished. An attractive, uniform finish on tank body and welds.
24-32Ra	A certified food and pharmaceutical safe finish. All welds and tank body polished ultra finely to achieve a smooth finish with micro-pits ground out.
#7- 8 Mirror	The finish for ultimate cleanability. A highly attractive and reflective finish. Sanitary and food grade certified. An upgraded finish when visual appearance is an important consideration.

We believe in simplifying tank design and fabrication.

Designing and buying a new stainless steel vessel can be overwhelming, which is why we've simplified the process. Our process specialists are available to provide beginning to end processing solutions, no matter your level of expertise.

Whether you're starting with a concept or know exactly what you need - we go the extra mile to help you achieve more.



BCast Tanks & Vessels Standard Products

Expedited Lead Times on Standard Products

A highly complex, customized tank or vessel isn't always the right solution for your process. That's why we offer an extensive line of industry standard stainless steel processing tanks with shorter lead times at a great price. Reach out to us or visit our website to see the full selection of BCast tanks available.



Brewery Equipment

- Choose from a large selection of brite tanks, fermenters, mash vessels, and kettles.



Single Shell Tanks

- Available in horizontal or vertical styles up to 10,000 gallons.



Clean in Place (CIP) Tanks

- Processing tanks designed with #4 polishes and sanitary fittings for full CIP processes.



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