



WHAT  
**WE DO**

**CUSTOM**  
Fabrication  
*You think it.  
We Make it.  
Brilliant.*



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# Your Need. Our Obsession.

Where custom fabrication is concerned, what starts as a need on your part – an idea, if you will – becomes an obsession on ours.

You see, **HOLLOWAY AMERICA** is really a combination of the core personnel of two top-rated companies:

**Precision Stainless, Inc.** (started in 1984; recognized worldwide in the stainless steel pressure vessel and tank industry) and

**Holloway, Inc.** (since 1956; reputed as one of the finest design/machining companies in the Midwestern United States).



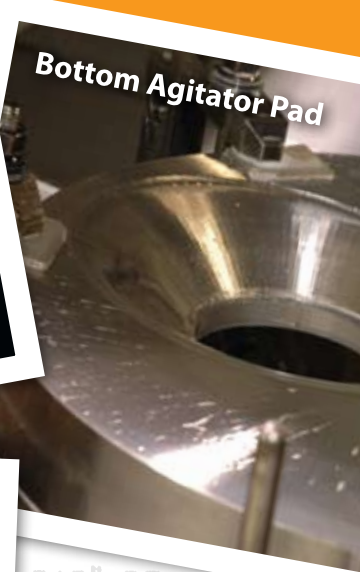
Titanium Process Flow Cell



Ladder & Platform



Pail Crimping Machine



Bottom Agitator Pad



Progressive Pitch Auger

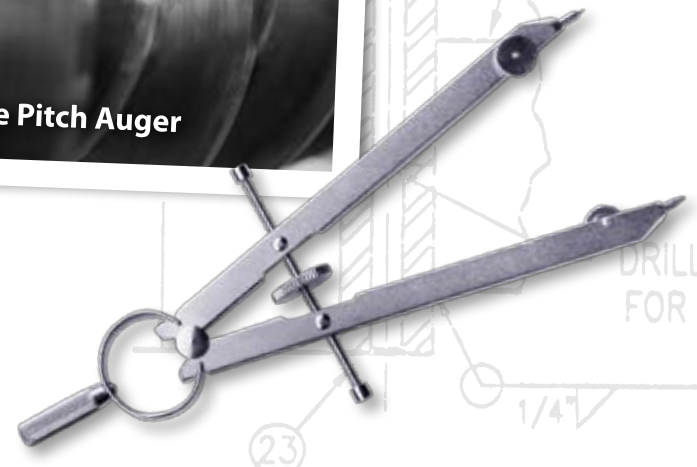


Today, as **HOLLOWAY AMERICA**, the synergy created from this union brings you the absolute finest custom designed & fabricated equipment, one-stop convenience, and almost limitless diversification.

Of course our perfectionist tendencies only increase with time: when you tell us your fabrication need, we start first with impeccable design. We ask

you questions. We research. Then, we research some more. We design and re-design until the design is absolutely what you need and want. We craft and hone and plan what becomes the foundation of your solution. Then – and only then – we fabricate.

And it stands to reason that detailed design demands highly skilled fabrication. In the hands of our seasoned Master Craftsmen, your ideas come to life.



*We specialize in the unusual, the unique, the one-of-a-kind*



Frozen Custard Machines



Equipment for Process Skids



Or do you simply need one part (or scores of parts) machined? HOLLOWAY'S excellent reputation since 1956 will come to the rescue.



70L Mixing Vessel



MaterialLab™



300L Process Vessel



6,000L Production Vessel

We specialize in the unusual, the unique, the one-of-a-kind. If it's never been done, all the better. Our capabilities are only limited by your imagination.

- Need it fabricated/repared/retrofitted/modified at your location? With HOLLOWAY AMERICA'S YOURSITE™ Field Fabrication and Field Services, we can build it to factory specs – or service it – in the exact place you want it.
- Need it factory-fabricated, to ship completed to your plant? The former

Precision Stainless, Inc. team (known for their excellence in fabrication since 1984) can provide you the same exceptional tank & pressure vessel service and quality you've come to expect. Our 30+ years of experience in the vessel industry will shine through when we outperform your expectations.

- Need a machine that's specially designed for your operation? How about a repair-and-retrofit of one of your specially-designed machines?

### Our Capabilities Engineering Services

- Vessel, tank, bin, hopper, conveyor design
- CAD and 3-D modeling
- CAM
- Finite Element Analysis (FEA)
- Custom concepting
- Complete documentation Turn-Over Packages (TOPs)



Conveyor Machine

- HOLLOWAY AMERICA MaterialLab™ Materials Corrosion Test Kits
- Prototyping
- Reverse-engineering of obsolete parts and machines
- Complete blueprints developed for your obsolete machinery

### New Equipment Fabrication (In Our Facility)

- Vessels, tanks, bins, hoppers, conveyors, and other plate and sheet metal fabrications

- Tank and vessel components including, but not limited to, the following: manways, flanges, fittings, dip tubes, ASME ferrules, no-foam inlets, baffles, vortex breakers, insulation, outer sheathing, agitation systems, heat transfer surface, inspection ports, light and sightglass assemblies, shell sections, heads, cones, catwalk, ladder and platform assemblies

- Custom design fabrication, and testing of spray devices for vessels, tanks, etc.
- Heat exchangers
- Specialized machines to enhance your production
- Expert machining and grinding of all machinable materials including all steels, plastics, composites
- Custom CNC machining – approved as Tier One supplier to various OEMs throughout the country

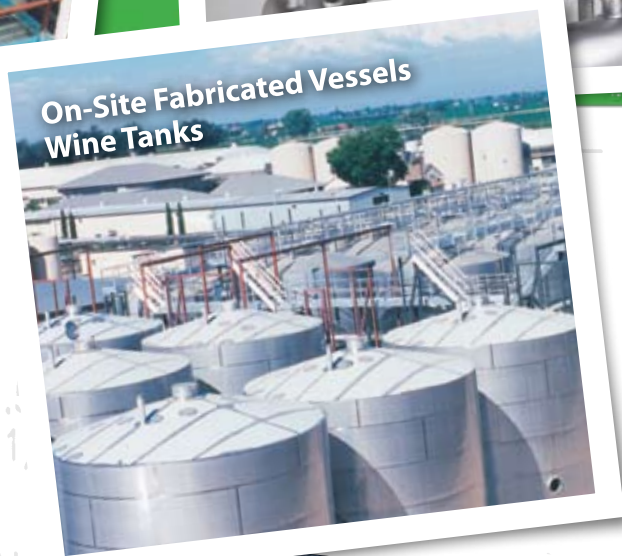
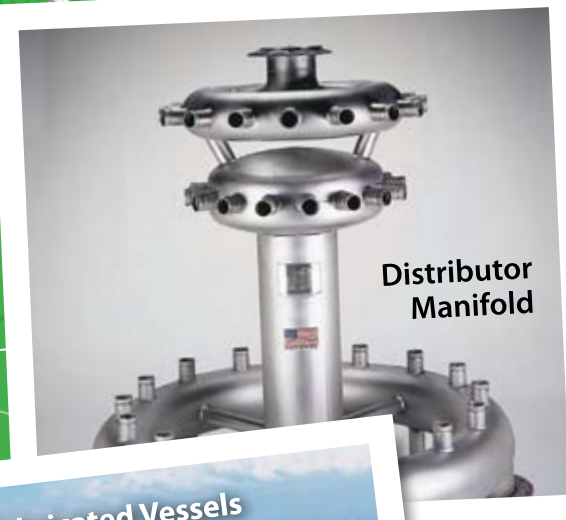
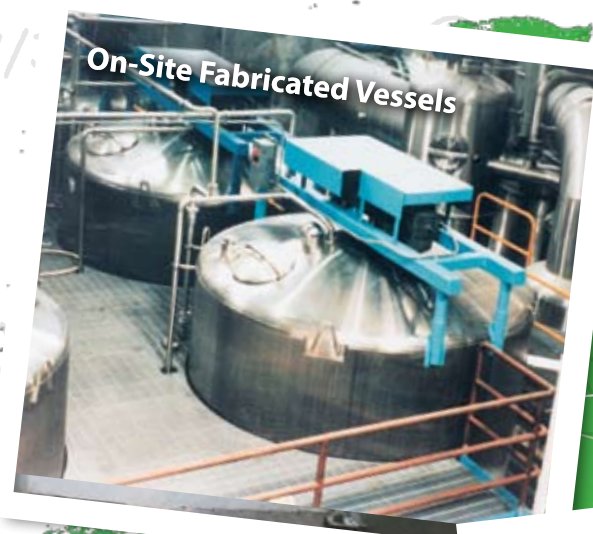
- Contract CNC production machining/manufacturing
- Competitive pricing – lean manufacturing techniques
- Repair/rebuild/remanufacture of obsolete machinery
- Short- & medium-run specialist, from one-offs (one piece) to a thousand units or more

- Prototype creation
- Tooling/fixturing
- Overflow production machining
- Well-equipped shop for servicing large work
  - 43,000 sq. ft. facility
  - Large equipment for machining pieces up to 104" diameter and lengths up to 240"
- Overhead cranes servicing 95% of shop space and lifting up to 20 tons

- Specialized shipping resources – to transport your large fabricated pieces from Point A to Point B

### Field Fabrication and Field Services (on your site) = **YOURSITE™** Services

- 26 Years experience fabricating new vessels, tanks, bins, hoppers up to 1,000,000 gallons on your site, outside or inside your facility. Most often, components can be taken in through existing doors, openings, or elevators.
- Pioneered top-first construction methods for safety, factory-quality, and confined-space advantages.



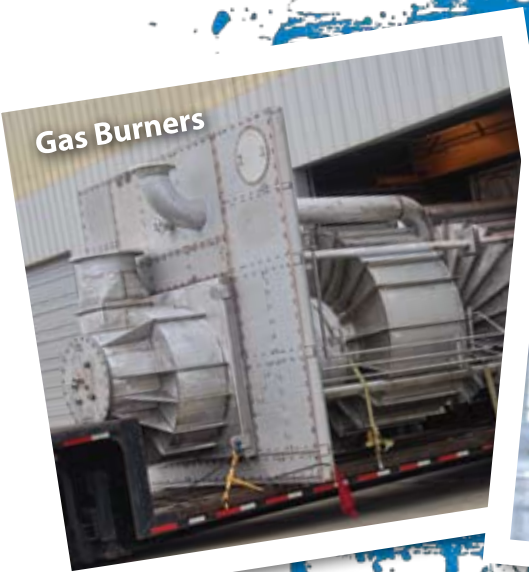
*Big ideas are only good ideas if you have the experience and space to execute them. And we do!*

- adding capacity, adding rupture disc assemblies and more.
- Material finishes from 75 Ra to 5 Ra and better
- Mechanical polishing and Electropolishing
- Custom design, fabrication, retrofitting, and testing of spray devices for vessels, tanks, bins, hoppers, etc.
- Ultrasonic Thickness (UT) measurement
- Positive Material Identification (PMI) testing
- Infrared thermography
- Pressure testing
- Radiography
- Dye-penetrant leak testing

- Surface finish measurement and certification
- Instrument calibration
- *MaterialLab™* Material Corrosion Test Kits
- Proprietary *HOLLOWAY VesselWellness™* Program to determine remaining life expectancy of existing tanks and pressure vessels
- 24/7/365 *TurboServe™* Emergency Services for machinery troubleshooting/diagnostics/repair/rebuild/modification services – usually on your site within 24 hours
- Equipment installation services
- Shutdown and start-up assistance
- Preventive maintenance

### Craftsmen Certifications

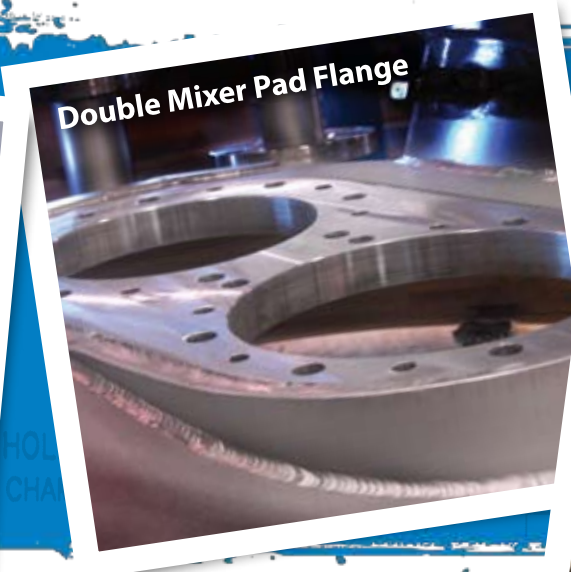
- PED/CE certification
- ASME Section VIII, Div. 1 "U" certification
- National Board "R" repair stamp certification
- API-620 and API-650 certification
- ASME B31.3 process piping certification
- OSHA training and certification
- CSE (Confined Space Entry) certification
- USDA and FDA certification
- Impeccable quality – experienced Journeyman Machinists, each with over 20 years of experience
- BPE Standard
- 3A Standards



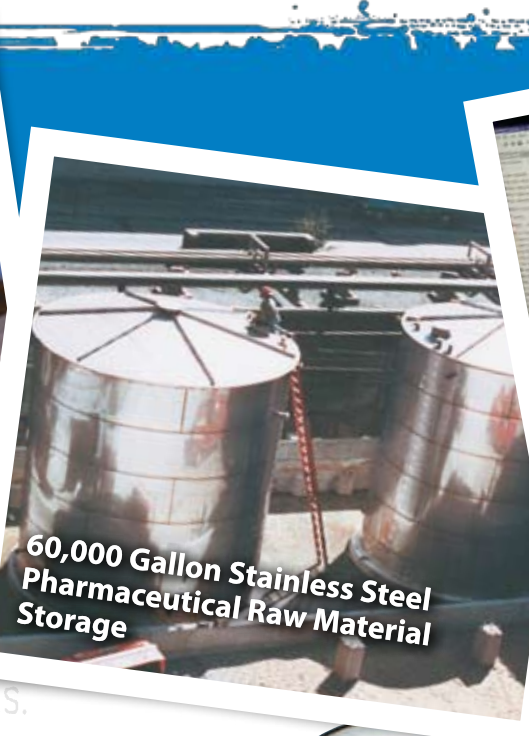
Gas Burners



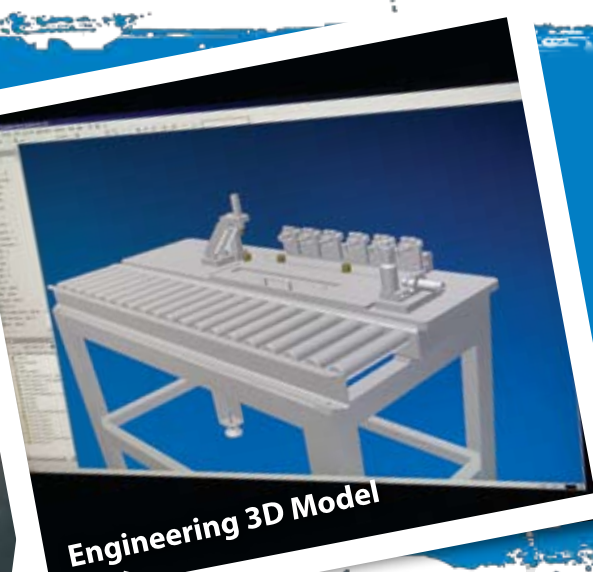
Rebuilt Blower Assembly



Double Mixer Pad Flange

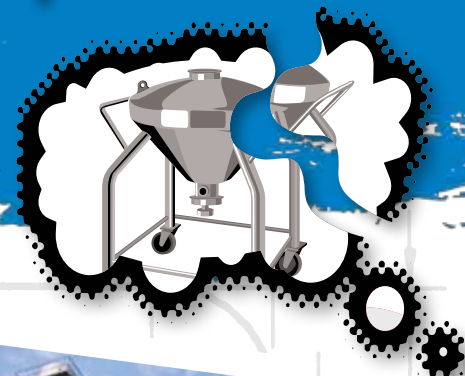


60,000 Gallon Stainless Steel Pharmaceutical Raw Material Storage



Engineering 3D Model

*Our engineers can help you invent that special machine or component*



### Materials of Construction

- All Type 300 Series stainless steel, AL-6XN™\*, HASTELLOY™\*, Alloy 20, C-22, C-276, Alloy, 200, 400, 600, 601, 625, 800, 825, 904L, 2205, 254SMO, Titanium, Aluminum, Brass, Copper, Plastics, Composites, all remaining metals

- Utilities, Wastewater Processors, Refrigeration, Architectural and Construction Firms
- Energy (oil, gas, natural gas, LP, electricity, solar, wind)
- Railroad
- Aviation & Aeronautics
- And so many more

### The Final Step

In the end, the unmatched quality of custom fabrications from HOLLOWAY AMERICA is a result of a company-wide passion for excellence. If you desire our brand of excellence for your next fabrication project, contact us right away. It's a good call.

### Industries Served

- Pharmaceutical, Biotechnology, Nutraceutical, Food, Beverage, Wine, Cosmetic, Chemical, Fine Chemical, Dairy, Oil and Petrochemical, Pulp and Paper, Semiconductor, Munitions,



Steeping Tank



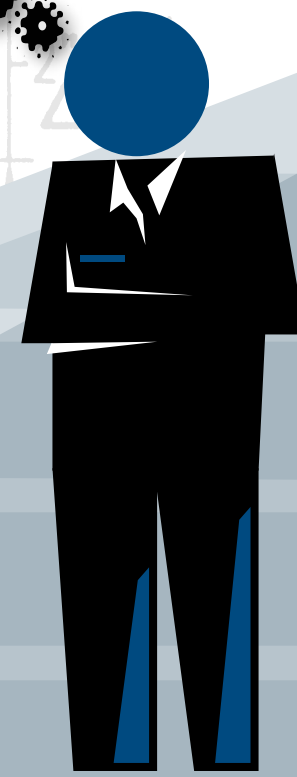
Stainless Steel DAF Wastewater Treatment Unit



Stainless Steel DAF Wastewater Treatment Unit



185' Stainless Steel Distillation Column





Conveyor Section



150L Waste Tank



Gradient Mix Tank



Quality Assurance Inspection



Yogurt Filling Machine



## Let's Get Acquainted

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