

Components

Heads
Manways & Tanks
Rolled Shells & Heat Transfer

CIP Fixtures & Testing
Agitation
Field Service



The Most Trusted Name Since 1955.
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An Employee Owned Company



Heads

Stainless Steel, Carbon Steel, Aluminum and High Alloy

DCI's new press and inflation system produces hydroformed flanged and dished heads in capacities and specifications ranging from 16 gauge sheet through 3/8" plate material and sizes ranging from 12" through 156" diameter.

Heads are available in alloys including stainless steel, carbon steel, Hastelloy®, Inconel® and aluminum.

Hydroformed heads are stable. Their exact dimensions are held regardless of how many penetrations are made in the head. The appearance of hydroformed heads is superior to those that are bumped or spun. There are no unnecessary bump marks, scratches, dents or spin marks with hydroformed heads.

DCI's hydroforming head fabricating capabilities feature:

- An automatic inflation and material handling system
- Reduced cycle time for forming
- A segregated manufacturing cell devoted exclusively to head forming
- Automated polishing equipment produces finishes from 80 to 320 grit
- All heads are available with dimpled or half pipe heat transfer surface applied and nozzles installed

You benefit from DCI hydroformed heads:

- Competitively priced
- Favorable lead time
- ASME documentation
- Dimensional consistency
- Wide selection of sizes, designs and thicknesses
- Custom fabricated special sizes
- High quality surface finish ranging from mill to 320 grit and electropolished
- Experienced fabricators
- Customer satisfaction guaranteed



Other head designs available include ASME flanged and dished, 80/10, 2:1 ellipitical, flat flanged and conical.



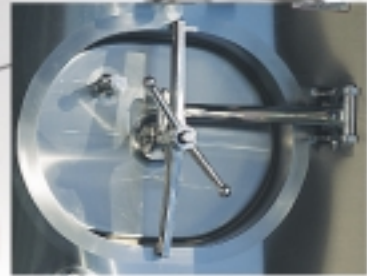
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Manway gaskets, Nitronic 60 non-galling wingnuts and spring-loaded clampscrews



Standard 16x20 Side-Entering Style Positive Sealing



Manways

Pressure / Vacuum or Atmospheric Design

All Manways offer:

- 304 and 316/316L stainless steel and other alloys
- Variety of gasket materials
- Finishes from mill to 320 grit/EP
- Samplers on side-entering styles
- ASME design

Available options include:

- Non-galling Nitronic 60 wingnuts
- Spring-loaded hold-down lugs
- Internal lift assists

Top Atmospheric Style

Seals from the center rather than the edges.



Tanks

DCI Custom Quality Tanks

- Vertical storage up to 60,000 gallons
- Round horizontal storage
- Processing tanks
- Mixing tanks
- Crystallizers
- Portable pressure/vacuum vessels



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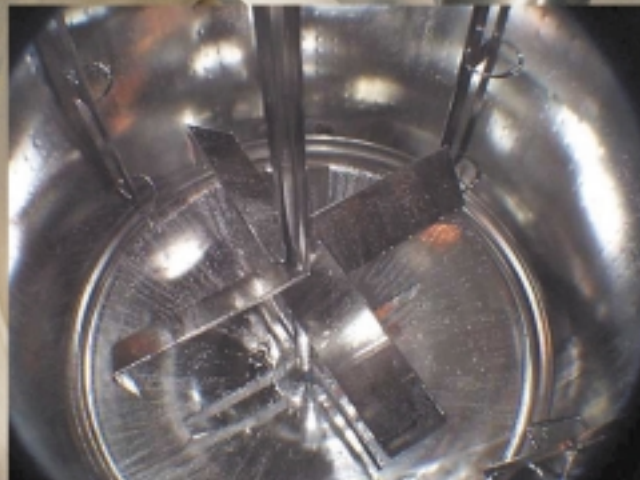
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Since 1955, we've met the demanding requirements of virtually every industry with a full range of custom engineered and designed agitators and mixers for any size, viscosity, agitation duty or service condition. We offer complete integrated systems with capabilities including:

- Agitator speed controls and display
- Valve actuation
- Weigh cells
- Level indicators
- NEMA 4X stainless steel panels
- Temperature indication and control



Agitation Expertise



Get immediate and complete factory acceptance testing for Clean-In-Place (CIP) sprayball coverage. Our custom designed and built CIP system includes a PLC for automatic control of flow, pressure and temperature. Timed bursts and other customer test requirements can be preprogrammed. A process recorder provides a printout of the parameters for each test.



- Special design sprayballs
- Extensive documentation
- Pre-validation assistance

CIP Fixtures and Testing

DCI Field Service

Since 1955, our field service technicians have worked in plants like yours. From providing emergency repair services to delivering routine and preventative plant maintenance, our technicians are ready when you need prompt, responsive service. Our Field Service includes:

- Installing side-entering and vertical agitator assemblies
- Repair of vessel or heat transfer surface leaks
- Corrosion/Pitting removal and polishing work
- Alteration and repair of ASME stamped vessels
- Adding Clean-In-Place (CIP) fixtures
- Restoring collapsed silo type storage tanks





Rolled Shells:

- Available in 304, 304L & 316 and 316L stainless steel or special alloys such as Inconel[®], Hastelloy[®] and AL-6XN[®]
- 16 Gauge sheet through 5/8" plate material
- Diameters to meet customer specifications
- Reduced cycle time
- With or without heat transfer surface



Shells and Heat Transfer Surface



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Heat Transfer Surface:

- Available in 304, 304L & 316 and 316L stainless steel or special alloys such as Inconel[®], Hastelloy[®] and AL-6XN[®]
- Custom designed for unique flow rates and pressure drops
- Maximum efficiency & uniformity through single or multi-zone controlled flow of heating or cooling media
- Manufactured, tested, inspected, and stamped to ASME or Canadian (CRN) standards
- ASME/CRN documentation