



PETERSEN[®]
I N C O R P O R A T E D

"A Winning Combination."

REMEMBERING OUR ROOTS

What started out in a garage in 1961 is today over 1.3 million square feet of world class manufacturing, specialized fabrication, precision machining, warehouse and distribution facilities in Ogden, Utah and Pocatello, Idaho. Today we employ over 440 employees and have strong roots in the communities we operate in.

Petersen Inc. has a long reputation of giving back to the local community. We like to call it the "Petersen Way" of doing business- take care of our employees and their families, take care of our customers, and give back to the community that supports us.

Our employees also take great pride in giving back to the communities where we live and work. We know a company is only as good as the people who work for it, and our employees are as good as it gets! Petersen Inc. is making a difference in the lives of our employees, our communities, and our customers.

We take great pride in delivering quality, on-time products to our customers and the industries we serve worldwide. Our customers are our number one priority.

100% ESOP
Employee Owned Company

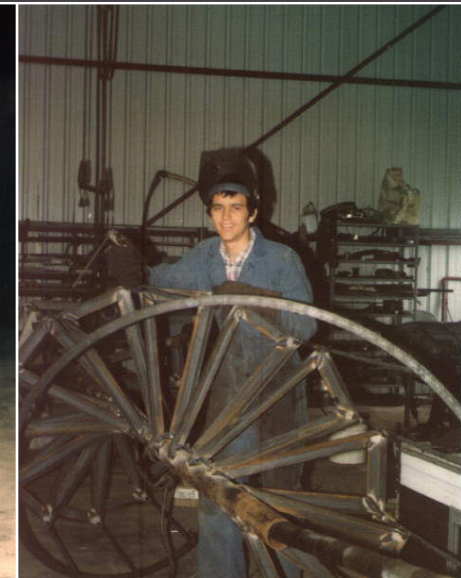


Founders Steve and Denis Petersen.



PETERSEN
INCORPORATED
"A Winning Combination."

The early days of Petersen Inc.





Reactor and Cycle X- Flying J



Column- Chevron



Skid Mounted Pipe Spools

INTRODUCTION

WELCOME TO THE LAND OF THE GIANTS

Founded in 1961 and incorporated in Utah in 1980, Petersen Inc. is one of the foremost manufacturing facilities in the United States, serving customers throughout the world. With modern capabilities and open capacity, we effectively serve industry giants like Bechtel, Boeing, CB&I/Areva, Chevron, Disney, Energy Solutions, Flying-J, Fluor, GE Hitachi, JBT, Lockheed Martin, NAC International, Nuclear Waste Partnership LLC, Orbital ATK, Rio Tinto, Setpoint, Timet, Universal Studios, Westinghouse and others.

Our facilities located in Ogden, Utah and Pocatello, Idaho encompass over 1.3 million square feet of the latest fabrication and machining equipment available. We also provide 3PL warehousing and distribution to customers worldwide. Situated at the base of the beautiful Wasatch Mountains, our corporate facility is conveniently located in Ogden, Utah just 40 miles north of the Salt Lake International Airport, and has convenient interstate and rail access to minimize transportation costs. Our facility in Pocatello, Idaho is right next door to the Pocatello Airport.

- Manufacturing
- Precision Machining
- Field Services

- Design Engineering
- Warehousing / Distribution

NUCLEAR FABRICATION

Petersen Inc. is an industry leader in custom fabrication, precision machining (large & small), manufacturing, field services, design engineering, and warehousing/distribution. We offer the highest quality, on-time products available.

The Pellet Storage Units were comprised of many components that are assembled into structural, mechanical, and electrical subassemblies. Each unit includes gloveboxes used for the confinement of nuclear materials, mechanical equipment for movement of nuclear materials, and electrical equipment (including actuators, sensors, and controllers) used for monitoring and control of the Pellet Storage Unit equipment and operations.

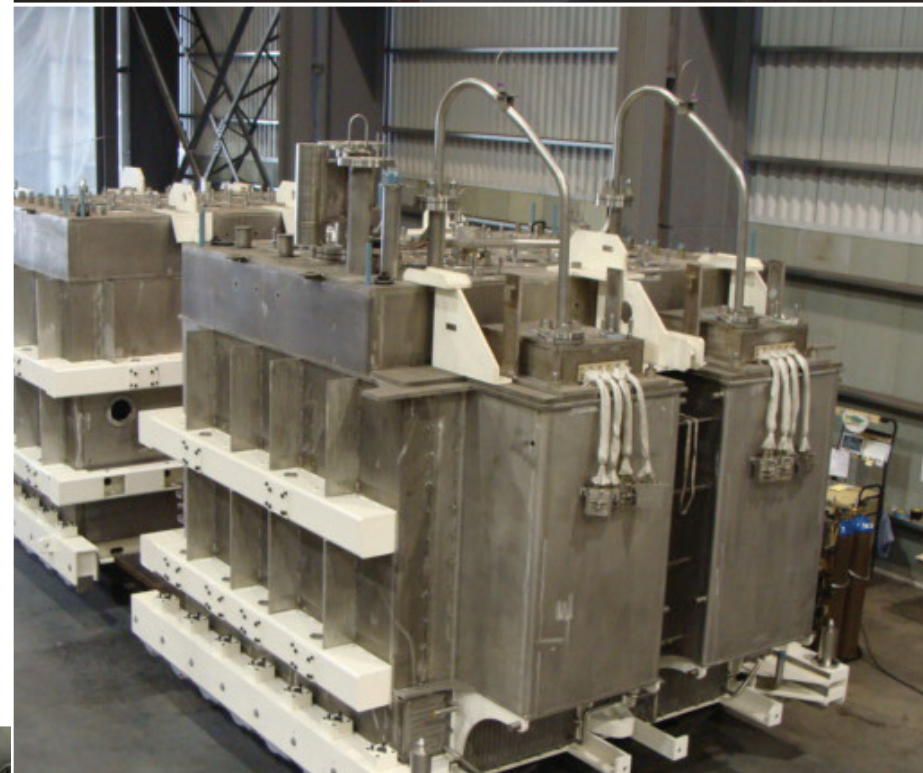
The HLW and LAW Melters are designed to handle upwards of 53 million gallons of radioactive waste. Pretreated liquid waste from underground storage tanks is combined with glass forming materials in the Melter and heated to 2100°F. The molten liquid glass is poured out of the Melter into specially designed containers, allowing the glass to cool or solidify prior to being shipped and stored in a much safer condition. The Melters cannot be turned on and off once the process is started so the reliability of the Melters is crucial to the success of the waste cleanup.

HLW - 30 major components with hundreds of sub-assemblies
~ Dimensions: 14'W x 14'L x 15'H.
The base, walls and lid weigh 26-ton.

LAW - 60 major components with hundreds of sub-assemblies.
~ Dimensions: 21'W x 30'L x 19'H.
The base, walls and lids weigh 150-ton.



Rod Storage Rack – Shaw Areva MOX Services



HLW Melter Bechtel National



NUCLEAR MANUFACTURING

Petersen Inc. is a major manufacturer of containers for many industries including nuclear, aerospace, commercial, and petrochemical. We are proud to be a part of the clean-up of waste generator sites around the country, helping to make it a cleaner and safer environment for future generations. We fabricate RLC's, SWB's and TDOP's for the Department of Energy. They are stored at the WIPP site, 2150 feet below the surface in the Permian Salt Formations.

PETERSEN INC. MANUFACTURED CONTAINERS/CASKS:

- Ten-Drum Over-Pack (TDOP)
- Standard Waste Box (SWB)
- Standard Large Box (SLB)
- IP-2 Type 1 Cargo Container (20' and 23')
- Casks
- Removable Lid Canister (RLC)
- Lead-lined Casks
- DOT Strong Tight Package
- Shield Plugs
- (Open Top – Steel Dry Container)



YOUR NQA-1 SOURCE FOR NUCLEAR FABRICATION AND MACHINING.

- Gloveboxes
- Hot Cells
- Processing Equipment
- Spent Fuel Casks

Petersen Inc. provides high quality nuclear glovebox equipment for the nuclear industry and supporting facilities, providing a safe and controlled processing and handling system for nuclear products.



SPENT FUEL

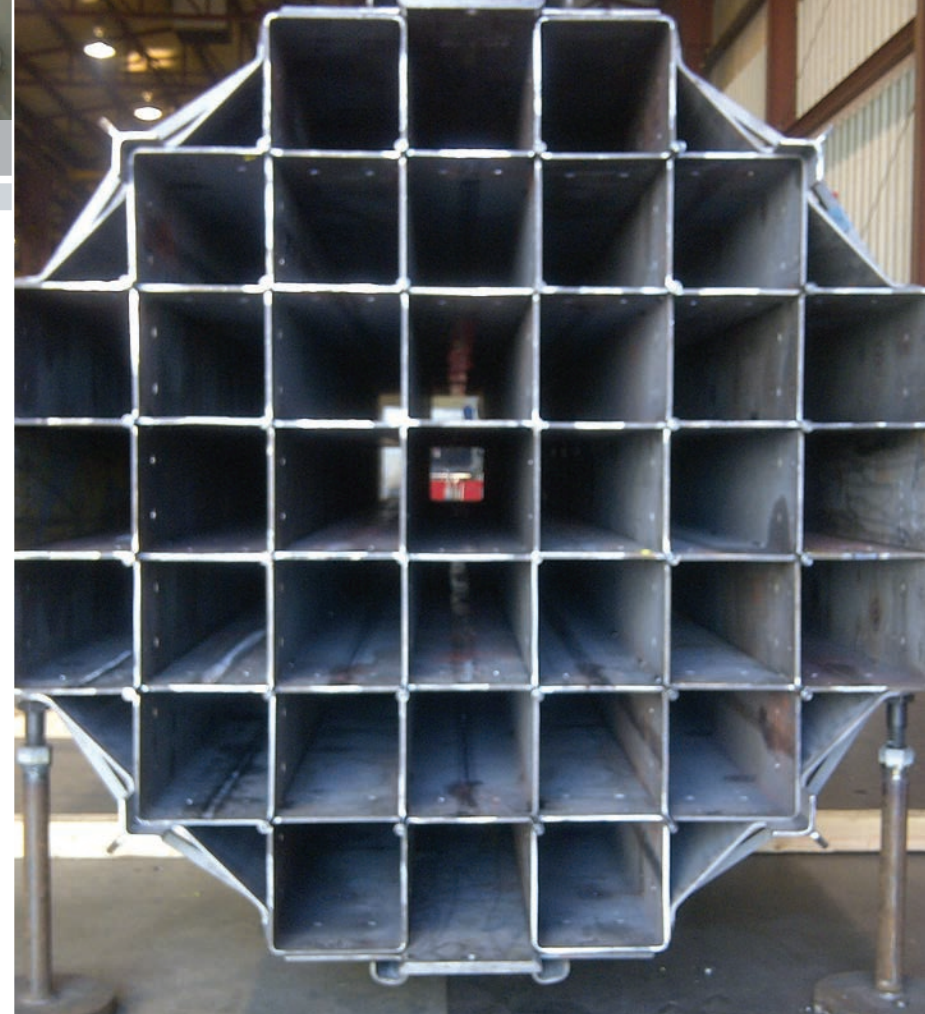
Petersen Inc. is an industry leader in the manufacturing of spent fuel containers and casks, including lead-lined casks. Spent fuel refers to nuclear fuel elements that have been used at commercial nuclear reactors, but are no longer capable of economically sustaining a nuclear reaction. This spent nuclear fuel then needs to be replaced, properly stored and properly disposed of. Companies have relied on us to produce high quality containment products for safe, reliable storage of spent fuel. Our in-house proven quality systems ensure that your products are being manufactured to the highest standards in the industry.

Petersen Inc. offers state-of-the-art facilities specializing in the manufacturing of process equipment, transportation equipment, special handling and monitoring equipment, as well as spent fuel containment containers and casks of all sizes. We also offer experience in providing custom manufactured equipment for decommissioning projects. Our safe, customer friendly environment allows the Petersen Inc. team ability to interface and work alongside our customers team on a daily basis. We welcome on-site support.

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Notable projects on our resume include:

Energy Solutions-	First 3-60B Transportation Cask; MIDUS TM Type B Packages
GE Hitachi-	Fuel Pool Monitoring Systems; Handling Equip. Steam Dryers; Nuclear Reactor Services Parts
NAC International-	Magnastor; Casks; Handling Equipment
Nuclear Waste Partnership-	SWB's, TDOP's, RLC's



Internal Basket- NAC International



Efficacy Pad- West Valley Demonstration Project



Dryer- GE Hitachi



3-60B- Energy Solutions

NUCLEAR REACTOR SERVICES

With years of experience in commercial nuclear reactor services, Petersen Inc. is equipped to safely handle radioactive treatment needs. We continue to provide ongoing safe solutions to high-profile projects with the Department of Energy, utilities, and nuclear related customers. Our planning and expertise ensures timely service, successful project implementation and execution for our clients. Petersen Inc.'s quality standards have been evaluated and approved by the following customers and companies:

- Battelle Energy Alliance
- Bechtel Marine Propulsion
- Bechtel National
- Boeing
- CB&I Areva MOX LLC
- GE Hitachi
- Energy Solutions
- Howden
- Idaho National Laboratory (INL)
- Los Alamos National Laboratory
- NAC International
- NADCAP- welding
- NRC- 10CFR 50 Appendix B /10CFR 71 Part H
- Nuclear Waste Partnership, LLC
- Oak Ridge National Laboratory
- Westinghouse Electric Co.
- Westinghouse Savannah River Co.
- Zion Solutions (Energy Solutions)



MANUFACTURING/FABRICATION

MANUFACTURING

Petersen Inc. is an industry leader in custom steel fabrication and precision machining. With commitment to total customer satisfaction and sound financial strength, we have recruited the top employees in the industry. Housed in modern manufacturing and machining facilities, we provide state-of-the-art equipment, with heavy lifting 75-ton overhead crane capacity and 35' under the hook, which allows handling of virtually any project. We also offer heavy rolling and forming capabilities, as well as 5 axis waterjet capabilities.

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FABRICATION

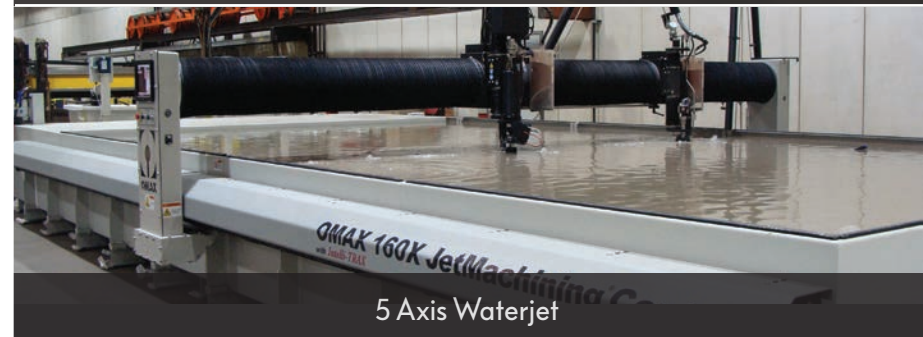
Our fabrication and machining personnel are experienced in safely working with a variety of metals including stainless, aluminum, nickel, inconel, titanium, zirconium and carbon steel. We are a full-service company that focuses on fabrication, ASME code work, piping, vessels, containers, casks, and AISC certified structural work. We provide project management in a variety of fields including aerospace, industrial, mining, nuclear and petrochemical. When your applications call for custom fabricated equipment, tooling, or ground support equipment, Petersen Inc. can provide turn-key solutions.



Fabricated Mining Equipment



Fabricated 200' column



5 Axis Waterjet



Fabricated Refinery Vessel



Trommel- Goodfellow



Mining Boom- Joy Global



Castor Rocket Motor-
Orbital ATK

MANUFACTURING/FABRICATION

Petersen Inc. is a full-service fabrication and integration company providing design engineering, fabrication, precision machining, field services and 3PL warehousing/distribution services. We have extensive experience in the fabrication and assembly of modules including design, contractibility, procurement, project management, scheduling, and transporting products to their end destination.

We set ourselves apart from the competition by providing our customers with true quality workmanship and superior customer service, holding ASME 'U', 'U2', 'S', and NBIC 'R' stamps certifying the fabrication or repair of ASME pressure vessels at the facility or in the field. Products include pressure vessels (ranging from 4 inches thick to 24 feet OD), separators, skimmers, skids and scrubbers.

Time is money. That is why we dedicate our resources to on-time delivery and maintain the highest quality products in the industries we serve. Judge us by the company we keep!



LARGE PRECISION MACHINING

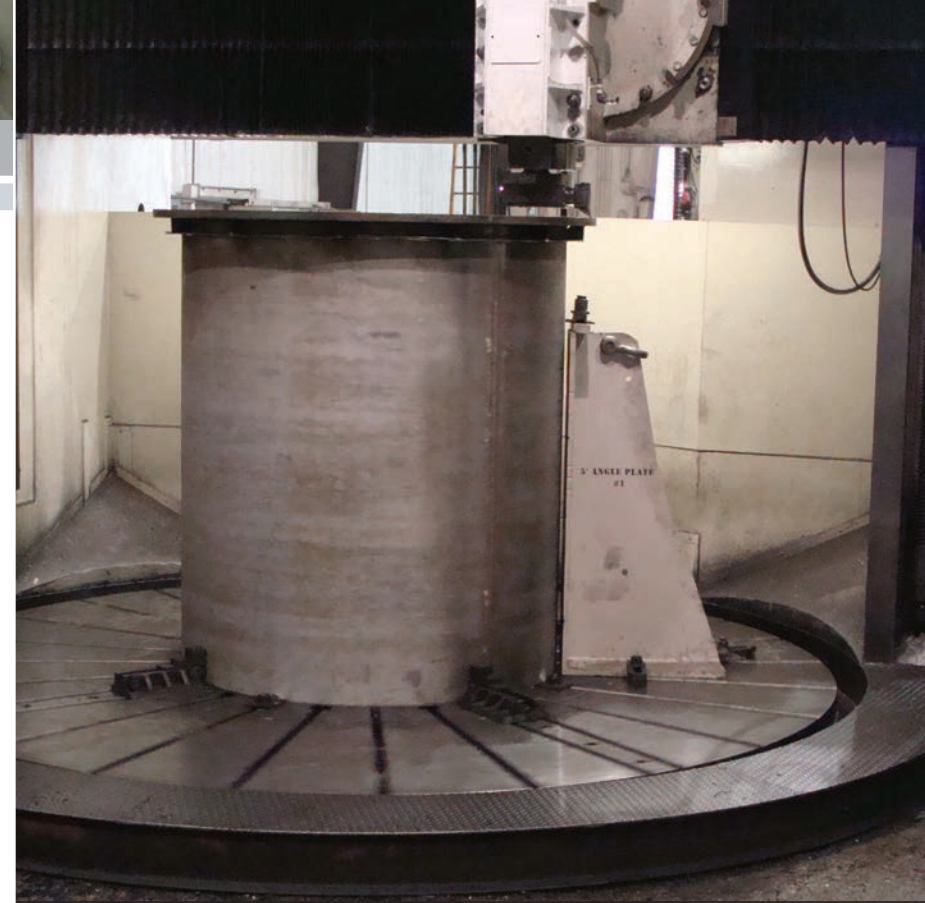
LARGE PRECISION MACHINING

At Petersen Inc. we offer a wide range of CNC milling and turning capabilities including 5 axis machining. Our experienced engineers, programmers, and machinists are some of the finest skilled craftsmen in the industry. Our milling capabilities range from small, detail machining to large 12' x 66' horizontal machining, and our turning capabilities range from small parts you can hold in your hand to 15' diameter to 10' under the rail.

Our winning combination of modern equipment, technology, and lean manufacturing techniques allows our team to successfully produce close tolerance components. We continually invest in modern, state-of-the-art equipment as well as facility upgrades to allow us to produce high quality precision machined components. We recognize the importance of maintaining the highest quality standards found in the industry, as well as being priced competitively.

INDUSTRIES SERVED

- Aerospace
- Amusement Parks
- Commercial Aviation
- Defense
- Food Service
- Hydro
- Industrial
- Medical
- Mining
- Nuclear
- Petrochemical
- Transportation



15' Diameter VTL



40 Ton Break Up Point- Western Zirconium



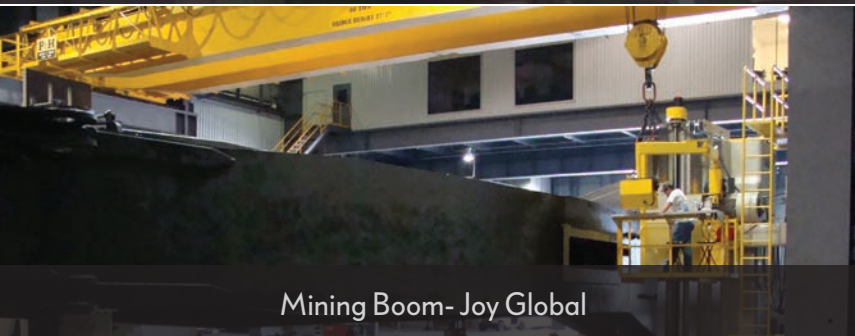
CNC Horizontal- Polyjet Valve



CNC Turning- 8' Diameter



Gray Horizontal 12' x 66' CNC



Mining Boom- Joy Global



Gantry Mill 6'6" x 22'

LARGE PRECISION MACHINING

Our large precision machining capabilities are some of the largest available in the Western United States. Our experienced team includes highly skilled craftsmen, toolmakers, and machine operators who are capable of meeting your requirements.

- Multi axis CNC machining
- CNC Horizontal Milling- 12' x 66'
- CNC Turning- 15' diameter 10' under rail
- Horizontal Boring
- Drilling
- Surface Finishing
- Gantry Mills
- Large Lathes

Quality parts are the expectation of all customers. Petersen Inc.'s quality system includes an in-house commercial grade dedication lab and certified inspectors. Not only do we machine large components, we also have inspection capabilities to perform dimensional inspection. We use calibrated laser tracking systems and FaroArms to perform these inspections. This ensures our customers that we will meet and exceed their expectations. Petersen Inc. is currently ISO 9001-2008 certified, AS9100 certified, and NQA-1 compliant.



SMALL PRECISION MACHINING

Petersen Inc.'s climate controlled facilities provide a one-stop-shop where capabilities extend far beyond machining. One of the benefits of using Petersen Inc. is our large stock of common materials allowing quick response to orders. Our modern CNC machines allow us to produce precision products ranging from multi-axis up to and including 5 axis. Let us be your source for your small precision machining needs.

- 5-Axis Machining
- Grinding
- CNC Milling
- CNC Turning including Hollow Spindle Lathes, Live Tooling
- EDM (Wire & Sinker- both 12" cubed)
- 5 Axis Waterjet



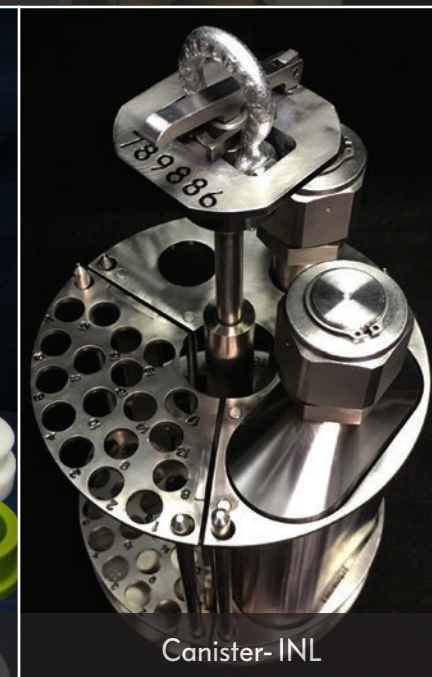
Small Precision Machining Facility

ADDITIONAL SERVICES

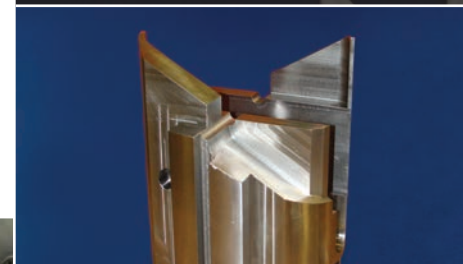
- Dedicated QA Inspection Area
- CMM Inspection
- FaroArms
- Hardness Testing
- Height Gage
- Calibrated Inspection Equipment
- Black Oxide
- Part Marking
- Engineering Services
- CNC Programming
- Heat Treating
- Coatings



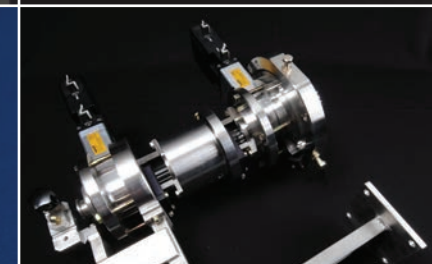
Plastic Machined Parts



Canister- INL



Ram Body- FHE



Vacuum Lock Valve

SMALL PRECISION MACHINING



While Petersen Inc. is intimately familiar with common tool steels and aluminum, it is no stranger to exotic materials:

- Aluminum Alloys 2014, 2024, 5052, 6061, 6063, 7050, 7075
- Tool Steels A2, D2, O1, S7, and most any other tool steels
- Stainless Steels: 303, 304, 316, 416, 440, 17-4, 15-5, Nitronic
- Inconel, Hastalloy, Waspalloy
- Titanium
- Alloy Steel 4130, 4140/42, 4330M, 4340, 8620, 52100, EN30B, A514
- 1018, 1045, 12L14, 11L17 steels
- Copper, Brass and Aluminum Bronze of any specifications
- Phenolic, Nylatron, Acetal, UHMW, Ultem, Teflon, Tefzel and almost any plastic
- Magnesium

FIELD SERVICES

THE ONLY MAINTENANCE TOOL YOU NEED

When you partner with Petersen Inc. you get an experienced and licensed maintenance and construction team.

- Turn-Key Solutions
- Facility Modifications
- Project Management
- Fabrication/Installation
- Comprehensive Plant Maintenance
- Experienced Millwrights

Want to lower your overhead expenses? Let our field service specialists come to your facility to perform a complete onsite analysis. Our team is among the top in the industry, and backed by a 440 employee, modern manufacturing and machining facilities in Utah and Idaho.

INDUSTRIAL SHUTDOWNS – TIME IS MONEY

Our goal is to help you increase your bottom line. We want to be your partner in providing a safe, timely and affordable solution for your equipment or facility modifications, whether large or small. Our high quality standards allow us to satisfy our customers quality requirements.

Time is money, and the cost of downtime can quickly hinder your production and reputation. We focus on providing safe implementation, with a quick turnaround time, and total customer support throughout all phases of the project.



Stack - Ashgrove Cement



Solios/Ashgrove Cement
Plant Modification



Pacific States Cast Iron Pipe
Plant Modification



Kiln Section - OCI Minerals



Reactor and Cycle X - Flying J



Installation of Support System - Cycle X - Flying J

FIELD SERVICES

ON-SITE INSTALLATIONS - WHEN ONLY THE BEST WILL DO

With experienced millwrights and support personnel, Petersen Inc. can handle the simplest modifications to the largest plant expansions. We specialize in providing customers with turn-key solutions, fabrication and installations, rebuilds and plant maintenance. We are also able to be a specialty contractor providing solutions through on-time quality products for one or multiple phases of a project.

SAFETY - THE KEY TO OUR SUCCESS

Our reputation is directly related to the quality of our products. Behind that quality workmanship is a safe employee network committed to providing the highest quality products. At Petersen Inc., every employee is an integral part of our safety and Human Performance (HUP) program.

Petersen Inc. is **COMMITTED TO SAFETY**, and continues to maintain a safety record below the national average. In our production facilities or on your site, we strive for continued safety excellence.

Our customers are industry leaders who don't settle for second best, including:



DESIGN ENGINEERING

MULTI-DISCIPLINED ENGINEERING

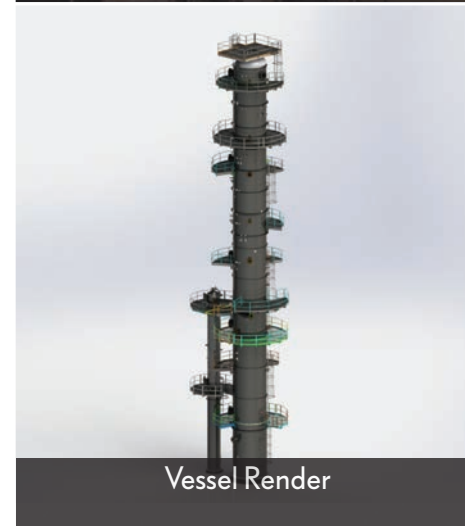
Our Engineering Department is staffed with experts having over 150 years of combined excellence and experience in their respective fields. Using SolidWorks, CATIA, and AutoCad 3D modeling software, our staff provides design engineering, stress analysis, mechanical event simulation, valve engineering, project management and construction services to customers in a wide variety of industries. Specialized engineering functions include ASME Section VIII, Division 1 and 2 vessels and piping, NQA-1 certified design build for nuclear applications and mechanical event simulation for container drop test certification using digital methods. Traditional finite element analysis is also accomplished to display stress levels and optimize structural configurations of your products. Electrical, controls, and instrumentation integration are also accomplished within this staff organization. These capabilities range from simple power-on testing of completed assemblies, to complete electrical engineering efforts to develop control systems, component selection, PLC programming, wire harness build, UL certified panels and performance testing.

3D MODELING

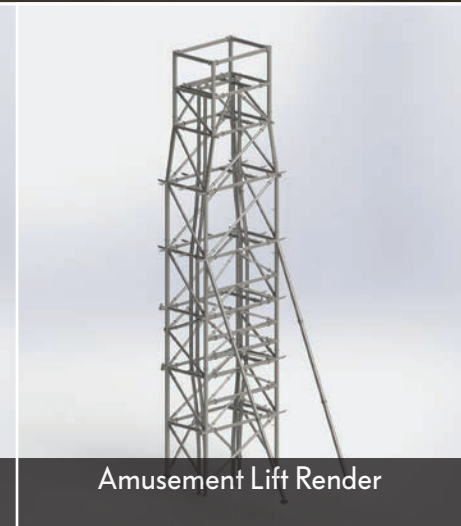
Our extensive 3D modeling capabilities can create tailored solutions to your design dilemmas. Complex assemblies are easily developed using these 3D tools to verify compliance with customer requirements, verify operating clearances, and confirm that no interference conditions exist. The same parametric 3D models can be very quickly converted to fabrication drawings prior to releasing them to the shop for manufacture.



Orbital ATK Solid Rocket Booster M111 Work Platform
designed, built and installed by Petersen Inc.



Vessel Render

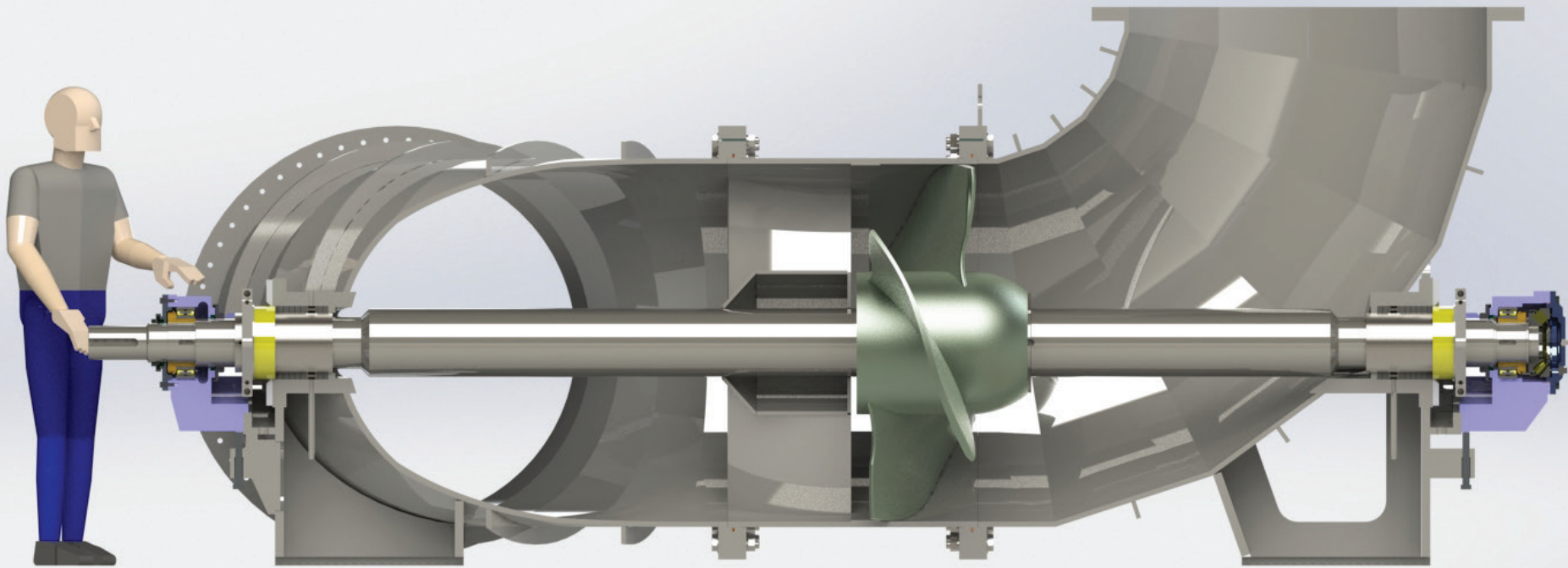


Amusement Lift Render



Transport Simulation Analysis

3 D MODELING



Petersen Inc. extensive 3-D modeling capabilities can create tailored solutions to your design dilemmas.

- Form, Fit, and Function Analysis
- Model Based Definition
- Finite Element Analysis/ Simulation
- Large Scale 3D Scanning Capabilities
- Design Engineering
- Stress Analysis
- Mechanical Event Simulation
- Value Engineering
- Certified Mechanical Engineering
- Automation
- SolidWorks Premium
- SolidWorks Simulation Premium
- Autodesk Simulation
- Autodesk Product Design Suite
- Compress, by Codeware

WAREHOUSING/DISTRIBUTION

WE KNOW THIRD PARTY LOGISTICS

Petersen Inc. offers 3rd Party Logistic (3PL) services from the warehouse & distribution facilities in Ogden, Utah. We provide warehousing, fulfillment, kitting, distribution, packaging, inventory management, shipping, and operational support including surplus and excess property. For over 15 years we have successfully managed all of Boeing's out-of-production commercial aviation tooling. In addition to the tooling, we manage over 3,000 service bulletin toolkits, and provide all of the engineering, manufacturing, and quality services required to ensure that the kits are current. We offer these services to a wide variety of industries.

Advantages

- 900,000 sq. ft. facilities offer many options from office space to storage
- Each building averages 300,000 flexible sq. ft.
- Bay sizes are 200 ft. x 200 ft. with firewalls and fire suppressant systems
- Strategic location for the Western United States

High Security Storage

- Fenced property
- Secure buildings
- On-site security
- Video Surveillance
- Alarm system

Climate

- Low earthquake frequency
- Low humidity
- Moderate temperatures

Access

- One mile east of Interstate 15
- Rail access



Standardized Rack Storage



Narrow Opening Rack Storage



Service Bulletin Toolkit Storage



POSITION 1/3

In Process Service Bulletin Toolkit Inspection

WAREHOUSING/DISTRIBUTION

INDUSTRY LEADING TIER 1 WAREHOUSE MANAGEMENT SYSTEM

- Red Prairie Dispatcher- CS
- Oracle Backend Process
- Photo Image Management Capabilities
- LXE Barcode Scanners
- Online Inventory Request System
- 3rd Party Logistics (3PL)
- ISO 9001 Certified
- ITAR Compliant
- Inventory Accuracy of 99.98%
- On-time Delivery of 99.99%
- Supply Chain Management/Kitting



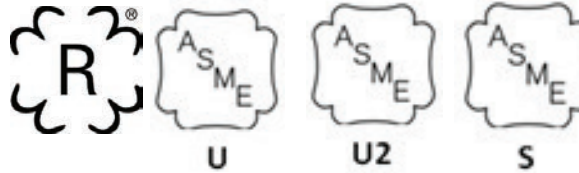
Centralized Tool Storage

Petersen Inc. allows authorized users the ability to search inventory, order tools, and obtain shipping information online and in real time.

Boeing Performance Excellence Awards
Boeing Supplier of the Year
Boeing Gold Supplier
Boeing Supplier Inspection Delegation

QUALITY CERTIFICATIONS

- NBIC - ("R" stamp)
- ASME VIII Div. 1 ("U" Stamp)
- ASME VIII Div. 2 ("U2" Stamp)
- ASME Section 1 ("S" Stamp)
- ASME NQA-1 - Nuclear Facilities
- ASME B31.1- Power Piping
- ASME B31.3- Process Piping
- ASME B31.4 - Pipeline Transport Systems
- ASME B31.8 - Gas Piping Systems
- NRC - Subpart H of 10 CFR Part 71 Packaging & Trans. of Radioactive Materials
- NRC - 10-CFR-50- Appendix B Nuclear Power Plants & Fuel Reprocessing Plants
- ANSI N 14.5- Radioactive Materials Leakage Test
- API 650- Welded Tanks for Oil Storage
- API 1104 - Welding of Pipelines & Related Facilities
- AWS D1.1, D1.2, D1.3, D1.6, D17.1
- ISO 9001-2008
- AS9100 Rev. C
- NADCAP- Welding
- AISC- Structural Steel Fabrication
- CWB



NQA-1
COMPLIANT



OUR INSPECTION TESTING:

- Radiography
- Magnetic Particle
- Liquid Penetrant
- Ultra Sonic
- Hardness
- Leak
- Hydrostatic



Faro Arm Inspection



Laser Tracker Inspection



CMM Inspection



In-House Commercial Grade Dedication Lab



Precision Machining

QUALITY

COMMERCIAL GRADE DEDICATION LABORATORY

Complete metal testing to ASTM, ASME, and AWS specifications including:

- Commercial Grade Dedication of material for nuclear applications
- Spectrographic chemical analysis of low alloy steels, stainless steels, nickel base alloys & aluminum (*Includes nitrogen and oxygen determination*)
- 60,000 lbf tension/compression testing
- Rockwell hardness
- 300 ft-lb impact testing to minus 80 degrees C
- Macroscopic examination
- Certified radiographic, penetrant, magnetic particle, ultrasonic, and visual examination
- Weld procedure testing
- Weld wire certification including welding of test coupons in accordance with filler material specifications

STATE AND NATIONAL AWARDS

- Boeing Supplier of the Year
- SBA - Region VIII Subcontractor of the Year (Boeing Nominated)
- SBA - Region VIII Subcontractor of the Year (Thiokol Nominated)
- Best of State - Utah Manufacturing, Fabrication
- Ernst & Young Entrepreneur of the Year- Utah
- INC. 500/5000 list of fastest growing companies
- Utah MEP Manufacturer of the Year
- Utah Best of Business
- Safety Award - Workmans Compensation of Utah

FACILITY LOCATIONS



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CORPORATE FACILITY

1527 North 2000 West
Ogden, UT 84404

(801) 732-2000 Phone
(800) 410-6789 Toll-Free
(801) 732-2098 Fax

WAREHOUSING FACILITY

222 North 1140 West
Ogden, UT 84404

(801) 732-2000 Phone
(800) 410-6789 Toll-Free
(801) 337-0673 Fax

IDAHO FACILITY

1463 Fortress
Pocatello, ID 83204

(208) 235-6046
(800) 410-6789 Toll-Free
(208) 237-2589 Fax



sales@peterseninc.com

www.PetersenInc.com

INDUSTRY AFFILIATES



UTAH MANUFACTURERS
ASSOCIATION



WEBER STATE
UNIVERSITY



Idaho State
UNIVERSITY



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