

COMPLETE ONE-STOP

Product Development and Manufacturing Services

Quality welding, machining, fabricating and assembly to ASME code, military and industrial specifications plus engineering and design assistance

Why Artisan?

For over 74 years Artisan Industries has developed, engineered and manufactured equipment and systems for the chemical, pharmaceutical, petrochemical, food and beverage, pulp and paper, nuclear, defense, pollution control and biotechnology industries. These products have an unparalleled reputation in these industries for quality and reliability.

The **Product Development & Manufacturing Division** of Artisan Industries gives you access to the same skilled craftsmen, experienced engineers and proven manufacturing equipment that have made Artisan products the standard for excellence in their respective industries.

From prototype fabrication to commercial production Artisan's craftsmen and engineers work closely with you to understand your specific manufacturing requirements and to meet your quality, delivery and budget needs.

Artisan Industries is proud to put its name on its products. You can **trust** Artisan's **Product Development & Manufacturing Division** to manufacture parts and products on which you will be proud to put your name.



Materials

Artisan craftsmen routinely work with:

- Carbon steel
- Stainless steels
- Alloy steels
- Aluminum
- Titanium
- Monel®
- Hastelloy®
- Inconel®

Welding

A large portion of our work is done to ASME pressure vessel codes and military and industrial specifications using the following welding processes:

SMAW	GMAW
GTAW	FCAW
SAW	PAC

Artisan can also develop the welding procedures you require and provide complete documentation.

www.artisanind.com

ARTISAN



Machining & Fabricating

Artisan's shop contains:

- 8 CNC machining centers
- 4 vertical turret lathes with up to 101" swing under rail and 96" table diameter
- 3 horizontal boring mills with up to 30,000 lbs. table capacity and 7" spindle diameter
- 7 milling machines
- 6 lathes with up to 32" swing and 144" between centers

An EDM (Electric Discharge Machining) machine which can cut very hard and exotic materials to ± 0.0002 inches.

Artisan's fabrication areas are well equipped for metal forming, shearing, and punching.

Mechanical Assembly

Artisan's multistory work space is equipped with cranes up to 30 tons and fork lifts up to 30,000 pounds capacity. Artisan has assembled pieces over 40,000 pounds, and systems with footprints of 10 ft. x 27 ft. and heights of 47 ft.

Nondestructive Testing

Artisan offers a wide variety of in-house nondestructive testing services including:

- x-ray (RT)
- magnetic particle (MT)
- liquid penetrant (PT)
- hydrotesting
- vacuum leak testing

Engineering & Design Assistance

Members of Artisan's engineering and design team are available to assist **Product Development & Manufacturing Division** customers. This includes matters related to pressure vessel codes, as well as instrumentation and controls.

Other In-house Services

Artisan craftsmen also provide:

- Cleaning & Finishing
- Grit Blasting & Painting
- Packing & Crating

Artisan products are packed and shipped to customers across the United States and throughout the world.



Artisan Industries' 200 sq. ft. Rototherm[®], horizontal thin film evaporator



Quality Control

A comprehensive quality assurance program is the result of over 74 years of service to government and commercial markets. Full-time inspectors and the quality control manager report directly to Artisan's President. Artisan is qualified to handle projects requiring the use of inspection department equipment that meets MIL-I-45208A standards.



ASME Code

Artisan is proud to hold these five certificates of authorization issued by ASME and the National Board of Pressure Vessel Inspectors:

- U-Pressure Vessel #827
- U2-Pressure Vessel Div.2 #18,157
- R-Repair #443

Size and Location

The Artisan workshops are housed in a 50,000 sq. ft. facility located in suburban Boston - near the intersection of the Massachusetts Turnpike (I-90) and the Route 128 Technology Highway (I-95). From these convenient facilities Artisan serves the metal fabrication needs of New England industries and provides equipment and services to customers globally.

Call Ralph Bailey at:

Artisan Industries Inc.

73 Pond Street

Waltham, MA 02451-4594

Telephone: (781) 893-6800

Fax: (781) 647-0143

E-mail: rbailey@artisanind.com

www.artisanind.com

