

**TEAM**®



**Manufacturing  
Capabilities**

## Overview

TEAM's innovations in scale and precision over the last 40 years remove conventional fabrication limitations enabling next-generation production. Our experience in manufacturing excellence spans a wide range of industries, including oil and gas, petrochemical, aerospace, medical, food & beverage, construction and more.

Our capacity capabilities range from simple mass production setups to large-scale complex machining projects. This enables us to respond in a timely manner to even our clients' most challenging and demanding needs.

From concept to engineering and from prototype to running the final production, TEAM provides a single source solution to resolve your engineering and manufacturing machining needs.

TEAM's manufacturing offerings span the globe with facilities located in the United States, United Kingdom and the Netherlands.

- Combined 2,170,000 square feet of manufacturing space on 50 acres, with over 5 facilities globally; each facility is equipped with overhead cranes with up to 28-ton lift capacity. No part is too large or too small.
- 58 dedicated design engineers on staff and 8 engineers with PE certifications.
- In both manufacturing and engineering, 24/7 operations aid in velocity and quick turn needs.
- Established QMS accredited to ISO 9001, certain facilities accredited to ISO 14001, various industry certifications.

## Mechanical Equipment

### Repair

- Any type, any size: rotary feeders and diverter valves to multi-stage vertical and horizontal sump pumps

### Resurfacing

- Nickel plating
- Hard surface or overlay
- Balancing

### Worn Part Replacement

- Bearings, gearboxes, gear pumps and blowers
- Extruder shafts, rotary feeders, conveying equipment, hydraulic/pneumatic cylinders, dies and cutters
- Stocking program

## Manufacturing Machinery

### CNC Mills/Lathes

- 3 - DMG Mori DMC125fd DuoBlock 48" 5 axis
- DMG Mori DMU 80 CNC 5 axis mill
- DMG Mori NHX 6300 CNC 4 axis horizontal mill
- DMG Mori NVX7000 3 axis vertical
- 2 - DMG Mori CMX1100 3 axis vertical
- 19 - CNC Milling Machines various sizes
- 8 - CNC Lathe Machines various sizes

## Engineering Solutions

- Solutions to New Issues:
- Reverse engineering
- Design services
- Revolution and speed rates
- Redesign mechanical needs to handle new requirements
- 3D Scanning available



TEAM's accredited QA/QC department is available 24 hours a day, 7 days a week.



## CNC Programming

Vericut, PowerMill, and MasterCam Advanced Simulation and Verification software provides a range of functionality for utilization and protection of CNC Machine tools.

- Features include
- Project verification, cutter paths and tool set up
- Dynamic machine control, variable surface speed
- Machine tool collision checking
- Simulation analysis for efficiency

## Automated Forging Cell

- FANUC fully-automated robotics
- 830-ton press
- 330-ton press
- Two 1800°F induction ovens

## Welding

25 welding stalls with semiautomatic capabilities.

Certified WPS for

- Sub arc
- MiG
- Flux core
- TiG

Carbon and stainless steel welding qualifications to ASME IX

- GTAW
- SMAW
- GMAW
- FCAW

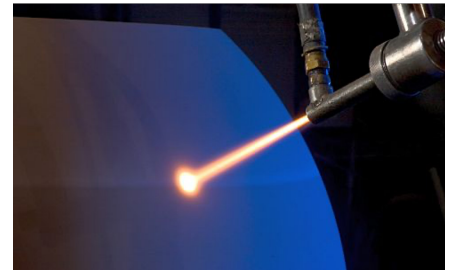
Weld inspection and NDE carried out on site by qualified operated certified to PCN Level 2 and CSWIP 3.1 and 3.0

- Visual Inspection
- Dye Penetrant Inspection
- Magnetic Particle Inspection
- Write and develop custom and standard ITP procedures per ASME/ISO

## Quality Measurements & NDE

TEAM's Coordinate Measuring Machine (CMM) Capabilities:

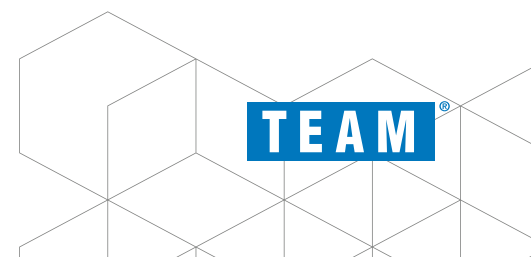
- Fully Calibrated and Accurate to 0.005mm All Axis Utilizing Renishaw Probe System
- Dimensional Reporting
- Portable arms
- PM handhelds



## Welding Solutions

Solve High Wear Items:

- Thermal spray
- Coatings
- Cladding options





## Partner Client List (Partial)



**TEAM** experts are available  
24 hours a day, 7 days a week,  
365 days a year.

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For over five decades, TEAM Inc. has provided asset integrity to diverse industries, including oil and gas, aerospace, petrochemicals, pipeline, and power generation. Our integrated service approach covers everything from inspection to repair, ensuring our communities operate safely and efficiently.

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