

The Technology Consortium, Ltd.

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Website: WWW.4TTC.Net

Manufacturing Solutions...

We specialize in equipment, services, and system solutions that:

- ◆ Exceed your project quality requirements...
- ◆ Reduce your manufacturing and equipment expenditures...
- ◆ Are provided as specified, and on time...

Our teams give you the most creative and cost effective solutions...

TTC is an alliance of manufacturing specialists in many diverse industries. We offer you assistance in all phases and capacities of your project. We offer everything from conceptualization, scope definition, project execution, and facilities design to equipment, installation, start-up and commissioning.

We supply the following expert services...

Automation & Machine Design: Biotech to Industrial Robotics...



Existing and custom designed automation equipment and assembly systems. We specialize in precision assembly and process equipment for the Biotech, Pharmaceutical, semi-conductor, nuclear, and manufacturing industries.

Production and Process equipment

Product verification

Segregation & transfer

Precision component assembly

Metal Fabrication: Biotech, Food & Chemical, to Industrial...



We also offer custom equipment and metal fabrication from stainless steel, ferrous, non-ferrous, and powder coated metal products.

- Accurate metal fabrication
 - Tanks and vessels from Biotech to Chemical and Industrial
 - Specialty finishes and coatings
- Laser cutting & precision welding*

Industrial and Conveying:



Material handling and processing of both unit and bulk conveying systems. We offer total system design, component selection, fabrication, and installation.

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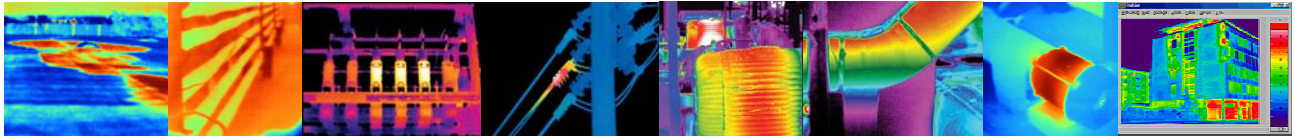
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Crane and Hoist Equipment:



We provide new equipment, modernizations, installation, training, parts and service. Whether you are seeking to modernize existing equipment, design a hoist or monorail system, or purchase a new crane, we are the economical choice for your material handling needs.

Thermography, Vibration Analysis, Ground Penetrating Radar:



- **Electrical:** Thermography identifies faulty or failing components and loose or corroded connections.
- **Mechanical:** Identifies problems associated with overloading, lubrication, alignment, bearings, couplings, belts, U-joints, and more.
- **Facility:** Utilized for surface temperature variations of the building envelope structure, mold detection, thermal bridging, moisture content, and HVAC air leakage. By utilizing Ground Penetrating Radar we are able to locate and identify buried objects such as utilities or reinforcements.

Engineering Services:

With our average engineering expertise exceeding twenty-five years; we are pleased to offer Engineering Services that encompass all disciplines. We have the experience and abilities to perform everything from simple studies, drawings, and analysis to full facility and system design and construction.

- **Mechanical...** We specialize in machine design, process refinement, equipment analysis and refinements, and all types of mechanical engineering services. We also offer all types of document control from drawing generation to scanning, archiving and storage.
- **Electrical...** We are experts in all types of electrical services from PLC's & Automation, AC/DC Drive Systems, Facility power design & utilization studies to Arc-Flash and Short Circuit Studies. We also provide high voltage electric power distribution, sub-station, switch, and transmission systems design.
- **Structural...** We are well-equipped and experienced in providing quality structural engineering design expertise and technical competence to manage large and small projects. We are also experienced in new building design, renovation design, and feasibility studies.