



HTE Enterprise Co. LTD

www.HTEht.net

Complete Manufacturing Solutions

Ferrous and Aluminum Alloy Based Products



About Us

HTE offers you...

personalized and quality manufacturing at competitively low costs for all of your ferrous and aluminum alloy based production needs.

HTE saves you...

time, costs, and logistical management by synergizing our network of foundries and their supporting industries with our own in-house machining, assembly and quality assurance facility, resulting in precise and complete "ready-to-use" products.

HTE is a company comprised of...

experts in manufacturing, assembly, and quality assurance. Founded in 1975, we have steadily expanded into the global market while refining our policies and methods to meet world-class standards.

HTE assures quality manufacturing by...

strictly adhering to the global quality guidelines of ISO 9001:2008, which ensures an effective and efficient manufacturing process for all of your product orders.

HTE has produced...

thousands of products for various industries, including but not limited to: pneumatic, construction and riveting tools, automotive and boat parts, medical and studio equipment, and agricultural machinery.

Find out how...

HTE can transform your business by contacting one of our professional consultants today.



Manufacturing

Capabilities

Designing

- 3D CAD Modeling
- Flexible Designing
- Product Review
- Prototyping

Casting

- Cold-Chamber Die Casting
- Gravity Permanent Mold Casting
- Green Sand Casting
- Lost-Wax Investment Casting
- Drop-Die Forging

Heat Treatments

- Normalizing
- Annealing
- Quenching
- Tempering
- Diffusion Methods

Surface Finishes

- Anodizing
- Powder Coating
- Tumble Burnishing
- Electroplating
- PTFE Coating

Machining/Assembly

- CNC Lathe
- CNC Milling
- CNC Grinding
- 5-axis Machining Center
- Stamping

Quality Control

- Coordinate Measuring Machine
- Liquid Penetrant Testing
- Hardness and Tensile Testing
- Optical Emission Spectroscopy
- Radiography Inspection



Manufacturing

Process

Step 1: Product Design

- Inquiry and Evaluation of Customer's Product Requirements
- Conventional and Rapid Prototyping of Product Design
- Flexible OEM Designing via 3D CAD Modeling
- Product Quotation
- Order and Product Review

Step 2: Product Production

- Metal Forming: Die, Permanent Mold, Sand, and Investment Casting, Die Drop Forging
- Surface Finishes: Powder Coating, Electro and PTFE Coating, Burnishing, Anodizing
- Heat Treatment: Annealing, Normalizing, Hardening, Tempering, Diffusion Methods
- Precision Manual and/or CNC Machining
- In-House Assembly and Packaging

Step 3: Quality Assurance

- Mechanical Properties: Hardness and Tensile Testing
- Porosity: Radiography Inspection
- Chemical Composition: Optical Emission Spectroscopy
- Dimensional Accuracy: Coordinate Measuring Machines
- Surface: Dye Penetrant Inspection
- Functionality: Applied FCT for Device Under Inspection

Step 4: Product Review

- Providing Prompt and Transparent Communication Before, During, and After the Production Process
- Implement Possible Changes to Further Efficiency, Quality, and Customer Satisfaction.
- Receive Customer Feedback
- Constantly Improve Production Methods
- Maintain Customer Relationships



Steel Product Samples

Sand Casting



Investment Casting



Die-Drop Forging

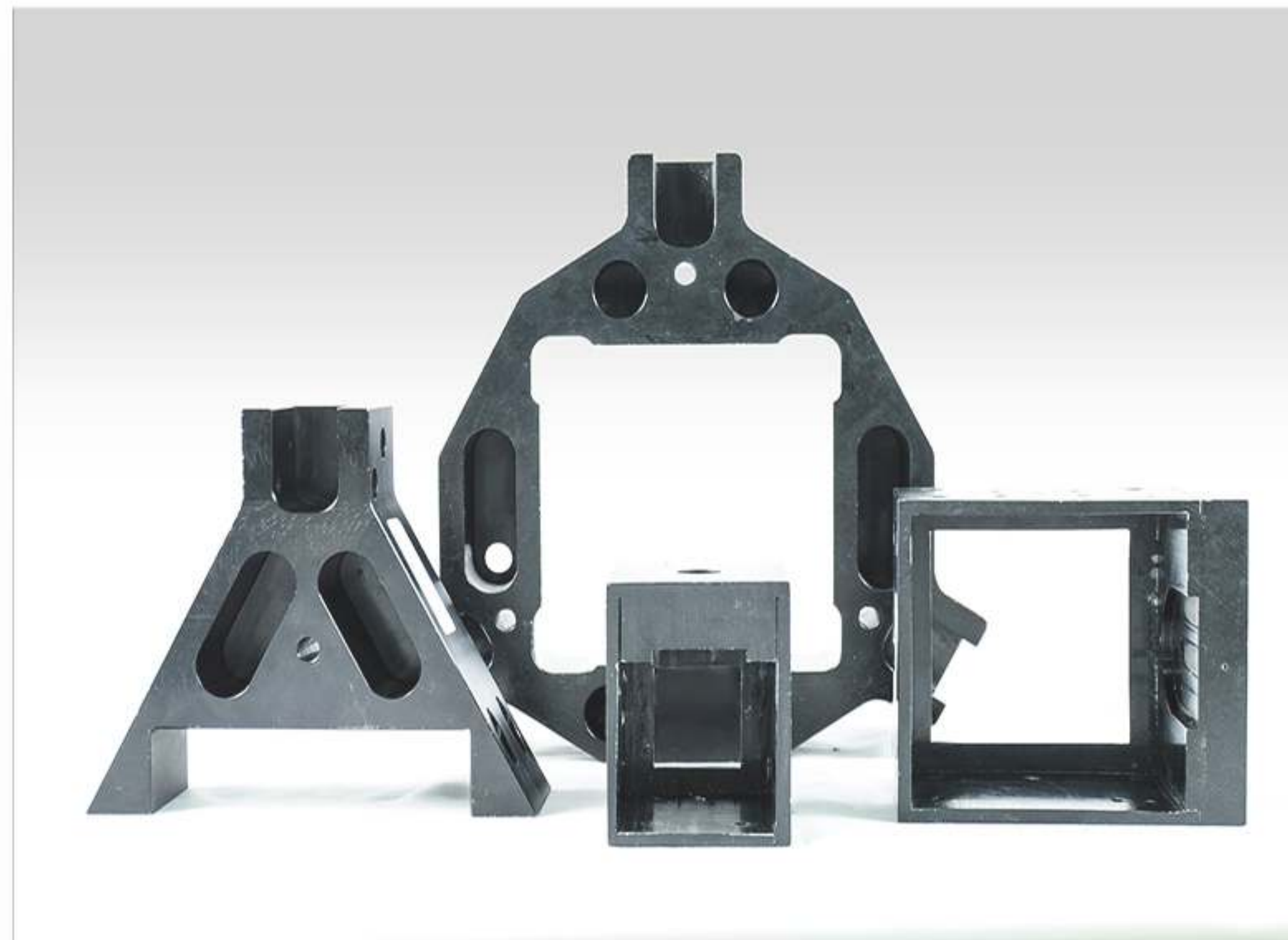


Aluminum Product Samples

Permanent Mold Casting



Die Casting



Sand Casting



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Need a Quote?

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