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# Manufacturing Division

**ISO 9001:2015 Certified** | Precision CNC Machining & Manufacturing Services

## High Quality & Timely Component Manufacturing

RTS Manufacturing Division produces all types of precision machined components at our ISO 9001:2015 certified Machining Facility in Houston, TX. Our commitment to quality, value, and our customers' schedule, allow us to deliver outstanding manufacturing solutions.

### Rapid Response

RTS Manufacturing Division offers complete machining capabilities at any time, day or night. We offer CMM, multi-axis milling, turning, and grinding processes. Additionally, we provide CNC EDM capabilities. Our reverse engineering capabilities allow us to manufacture many parts, on an expedited basis, saving you delays and costly downtime.



### Quality Assurance

With our combined years of dedicated service RTS understands the importance of timely delivery without sacrificing quality. The standards and procedures included in our quality management system allow us to meet or exceed most OEM requirements.

Our QC department utilizes a coordinate measuring machine(CMM) as well as an optical comparator to ensure the accuracy of the finished product.

**We provide complete conformance documentation with all of our products.**



Side-entry blades with Titanium nitride coating



17" OD turning gear



L-1 stage blades  
24" OAL out of 422 SS

RTS has earned a reputation as a complete custom machining solution. We are capable of producing high quality component parts for a variety of industries including: power generation, utility, paper/pulp mills, sugar mills, petrochemical, aerospace, and medical. Additionally we can serve the oil/gas industry including: down-hole, subsea, surface flow, and seismic components.

**CNC Machining • 4 & 5 Axis Milling • CNC Horizontal Machining • Manual Machining  
Milling & Turning • Heat Treating • NDE Testing • Reverse Engineering  
Metal Finishing & Coating • Certified CNC Welding • Global Shipping**

RTS Houston Manufacturing Facility utilizes multi-axis CNC milling turning centers, Surfacing Grinding equipment, CNC EDM, and lathes with through spindles. We provide reverse engineering capabilities, utilizing CMM, optical comparator, and software programs including: SolidWorks, Calypso, and Master Cam.

## **We Have Experience with the Following Materials**

Alloy Steels: 41XX and 43XX

Aluminum Alloys: 2024, 6061, 7075

Copper Based: beryllium copper, brass, bronze, aluminum bronze

Nickel-based Alloys: Hastelloy, Inconel, Monel

Plastics: Nylon, Delrin, Teflon

Stainless Steels: 300 & 400 series, 17-4PH

Titanium, Tungsten, and many more

## **Machining Capabilities**

CNC vertical machining up to 60"

CNC lathes up to 40" diameters and 14" lengths

CNC horizontal machining up to 10' lengths

Large inventory of conventional milling and turning equipment

CNC advanced welding systems

Conventional MIG & TIG welding stations for both in house & on site welding

Gun drilling up to 2.5" diameters and 72" lengths

On-site stress relieving capabilities

Fully equipped inspection facilities with CMM's

Broad range of reverse engineering capabilities



**RTS offers these specialty machining services at competitive prices. Contact us today to find out more!**



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