



**TRITORC**

PIPELINE SOLUTIONS

MANUFACTURING  
**FACILITY**

*Quantity & Quality Delivered with Speed*



## Tritorc Manufacturing Facility

In its effort to unify and synergize manufacturing and assembly capabilities under one roof, Tritorc Equipments has set up a world-class facility in the heart of the industrial hinterland of India's Pune City. State-of-the-art manufacturing abilities, a capable vendor network, and smooth logistical planning make Tritorc a reliable partner for rapid and accurate output for complex and demanding jobs.

### OVERVIEW:

The plant is equipped with the most contemporary standards in production flow management and operator safety.

The facility is spread across nearly 17,000 Sq. Feet

It has the requisite amenities and utilities available.

Vendor development & management with efficient supply chain management.

On-time execution to ensure ex-stock supply.

Practices such as 5S, and Kobetsu Kaizen are carried out to optimize the facility constantly to higher standards.

Constant self-improvement amongst the trained crew.

Machines Calibrated for positional & geometrical accuracy.

**EQUIPMENT:** To provide its burgeoning clientele with prompt and reliable output, this facility is equipped with the latest in manufacturing capabilities, with machines such as the following:

- Vertical Milling Center (VMC) - 3 Axis: 3 Nos., 450 mm X 900 mm Clamping Area, Distance from Table Top to Spindle Ace: 100 mm to 600mm, 24 Tool change options.
- Horizontal Broaching Machine: 1 Nos.
- Slotting Machine: 4 Nos.
- Drilling Machine: 3 Nos.
- Band Saw Machine
- Laser Marking Machine
- Turning Center (Polygon Turning Center)

### MATERIALS WE WORK WITH INCLUDE:

Wide variety of Steels (Alloy, Carbon, Stainless), Aluminium, Brass, Bronze, Copper, Nickel and Plastics

Our highly trained and talented machine operators make good use of the machines and maintain them in high readiness status. With years of experience and a wide variety of machines, we can offer high volumes cost-effectively. Thus to summarize our machining services, they are as follows:

- Turning
- Precision Vertical Milling
- Prototyping
- High Volume Production



**QUALITY CONTROL:** Additionally, Tritorc is self-sufficient when it comes to assessing the quality of its work and improving thereon using the below tools and processes.

- Quality Control Inspection as per ISO standards
- Hardness Testing (HRC)
- Surface Finish Testing
- Chemical Testing
- Ultrasonic Testing
- Sampling basis inspection
- Magnetic Particle Inspection
- Design & Development of Special Gauges

**PRODUCT PORTFOLIO:** A vast array of products are manufactured to cater to our Customer's Bolting needs and the Pipeline Maintenance Repair Overhaul industry in this facility. A few of the major tools manufactured are as follows:

- Hydraulic Torque Wrenches – Square Drive and Low Profile.
- Pipe Cutting Machines.
- Hydraulic Bolt Tensioners.
- Sockets such as: Standard Hex. Sockets, Double Hex Sockets, Double Square Sockets, Deep Hex Sockets, Double Square Sockets & Bolting Accessories such as Extension Bars, Universal Joints, Adapters, Ratchet Handles, L Handles, Sliding T Handles, Spline Sockets, Torsion Bars, Castellated Sockets, Thin Wall Sockets.



**ADDITIONAL SERVICES:** In addition to machining world-class products and equipment, Tritorc can also offer a litany of cutting-edge technologies as services.

- Wire Cutting
- Shot Blasting
- Precision Heat Treatment with Scada Generated Report
- CMM coordinate Measuring Machine-based dimension control
- Laser 3D Scanning and Modelling
- Tool Calibration
- Surface Finish Testing

**Tritorc maintains the ability to manufacture customized tools and equipment as per customer requirements.**

- Finite Element Analysis
- Magnetic Particle Inspection
- Material selection as per the torque and impact resistance of tools, strength, performance properties, and usability of the product.

**DESIGN ABILITIES AND VARIOUS TOOLS UTILIZED:**

Tritorc has a well-established design house that uses industry-standard practices and tools to keep pace with the demand for more innovative and reliable tools and equipment. The synergy between the design arm and production department along with the prompt implementation of customer feedback ensures that Tritorc can deliver on the promises even for customized tools and equipment as per critical applications specified by our clients.

## FINAL INSPECTION/ STORES / PACKING:

- Hardness checking, gauge checking, and visual inspection performed before storing or packing.
- Stores ensure proper storage and no loss of material and verify material before dispatch.
- All the processes are connected by using the ERP System.

## WHY SHOULD YOU TRUST TRITORC?

When Machining requirements are a critical priority, it takes a trusted name to deliver and make good on the promises made. Avoid common problems such as missed deadlines, poor quality, scrapped goods, miscommunication, etc. Tritorc stands by its promise with over 32 years of rich experience, you can count on.

- A One Stop Shop for all your Bolting and pipeline needs.
- Customer Testimonial backed satisfaction guarantee.
- Competitive Pricing.

## OUR OTHER PRODUCTS



**Hydraulic Torque Wrench  
Square Drive**



**Multi Stage  
Tensioners**



**Backup  
Wrench**



**Thin Wall Sockets**



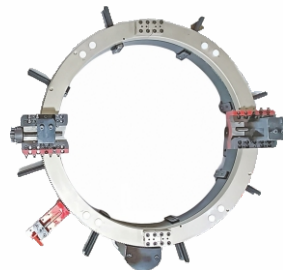
**Angle Marked Sockets**



**Hydraulic Nuts**



**Hydraulic Torque Wrench  
Low Profile**



**Cold Cutting  
Machine**



**Foundation  
Bolt Tensioner**

## TRITORC EQUIPMENTS PVT. LTD.

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