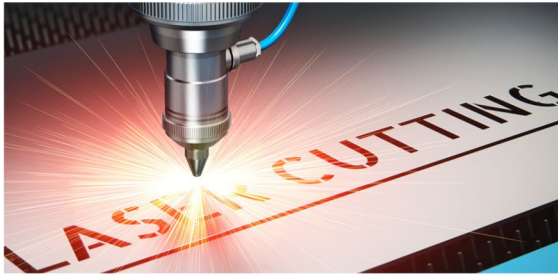




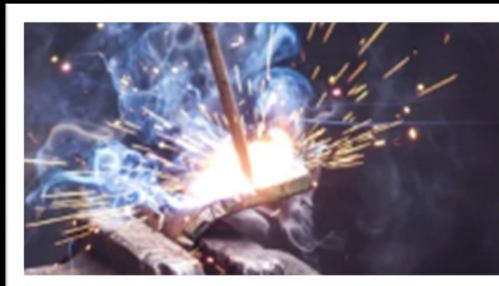
**SHEET METAL PROCESSING**  
more than two decades of experience

# company introduction

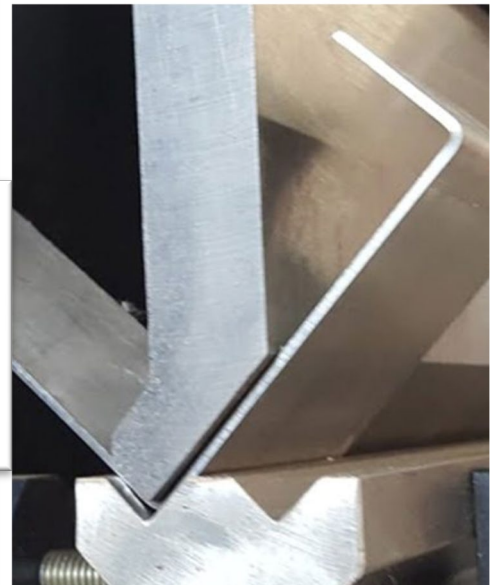


**precise engineering**

**hi-tech machine investment**



**skilled craftsmanship**





# who are we...

TORAX is a family-owned manufacturing company with over two decades of experience in sheet metal fabrication and tube & profile shaping, bending and processing.

The company works across a full range of tubes & profiles, including round, square, rectangular and triangle tubes and open profiles, delivering technically sound and reliable solutions tailored to customer requirements.

Alongside its domestic operations, TORAX supports select international and export-oriented projects, applying consistent quality standards and disciplined execution.

This approach has enabled the company to build long-term partnerships across multiple industries while maintaining the flexibility and accountability inherent in family ownership.

# Our services...



We operate as a one-stop manufacturing partner, offering an integrated range of services from laser cutting of sheet and tube, press brake and CNC tube & profile bending, advanced welding and CNC machining through to complete surface treatment solutions.

By managing the entire production process under one roof, we ensure consistent quality, shorter lead times, and seamless coordination from raw material to finished, ready-to-install components.

This integrated approach allows our customers to reduce supply chain complexity, control costs, and rely on a single accountable partner for both standard and project-based manufacturing needs.



## laser sheet metal cutting

Our laser sheet metal cutting service delivers high-precision, high-efficiency solutions across a wide range of materials and thicknesses.

We process carbon steel sheets including ST37~S235JR(EN10025) and ST52~S355JR(EN10025) grades, as well as stainless steel and aluminum sheets, with cutting capabilities from 0.5 mm up to 60 mm.

Leveraging advanced laser technology, we ensure tight tolerances, clean edges, and consistent repeatability for both standard and complex geometries.

For requirements outside these standard ranges, we maintain a flexible, project-based approach—because when specifications escalate, we prefer to collaborate rather than decline.

## laser pipe & tube cutting

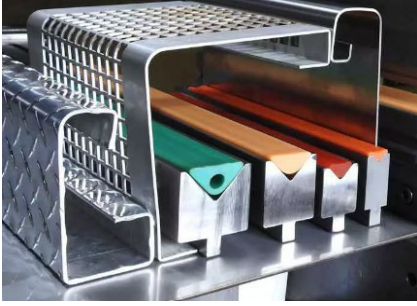


Our laser tube cutting service extends the same precision and reliability to tubular and hollow sections with round, square, rectangular or triangle shapes including open profiles across carbon steel ST37~S235JR(EN10025) and ST52~S355JR(EN10025) grades, stainless steel, and aluminum materials.

We process tubes with material thicknesses up to 10 mm, enabling accurate cutting, profiling, and complex geometries with clean edges and high repeatability.

Supported by advanced laser technology, this service is ideal for structural components, frames, and custom assemblies where dimensional accuracy and production efficiency are non-negotiable.

For applications beyond standard specifications, we adopt a project-based approach to ensure technical feasibility and optimal outcomes.



# press brake

## sheet metal bending

Our press brake bending service complements our laser cutting capabilities by delivering precise and repeatable forming for carbon steel ST37~S235JR(EN10025) and ST52~S355JR(EN10025) grades, stainless steel, and aluminum sheets.

Utilizing a 220-ton press brake, we bend materials with thicknesses of up to 12 mm, ensuring consistent angles, tight tolerances, and high surface quality across both simple and complex parts.

This capability supports a wide range of structural and functional components, enabling efficient production flow from flat sheet to finished form.

For bending requirements beyond standard parameters, we evaluate and execute solutions on a project-based basis to meet specific technical demands.

# cnc pipe, tube and profile

## bending



Our CNC tube bending service including round, square, rectangle, triangle and open profiles, enables accurate and repeatable forming of tubular and profile components manufactured from carbon steel ST37~S235JR(EN10025) and ST52~S355JR(EN10025) grades, stainless steel, and aluminum.

Leveraging CNC-controlled bending technology, we achieve consistent radii, precise angles, and high dimensional accuracy across both simple and complex geometries.

This capability is well suited for frames, structural elements, and engineered assemblies where form accuracy directly impacts fit and performance.

For non-standard tube dimensions or advanced bending requirements, we operate on a project-based basis to ensure optimal technical execution and reliable results.



# welding

Our welding capabilities provide a comprehensive solution for assembling and fabricating components across carbon steel ST37≈S235JR(EN10025) and ST52≈S355JR(EN10025) grades, stainless steel, and aluminum materials.

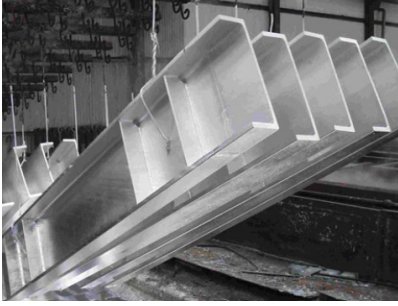
We offer a wide range of processes including gas-shielded welding, TIG welding, laser welding, submerged arc welding and argon welding, allowing us to select the most appropriate method based on material type, joint design, and performance requirements.

This multi-process approach ensures strong, consistent weld quality, dimensional accuracy, and reliable structural integrity for both standard and complex assemblies.

From single components to integrated sub-assemblies, we support project demands with a controlled, quality-focused welding strategy.

**all services mentioned in pages above are executed inhouse in our facilities.**

**however, we also have outsourced additional services mentioned in the coming pages...**



# surface treatment and coating

Our surface treatment services complete the manufacturing process by enhancing corrosion resistance, durability, and visual quality of fabricated components.

We offer hot-dip galvanizing, electro-galvanizing, chrome plating, static painting, and blackening solutions tailored to carbon steel, stainless steel, and aluminum parts.

Each treatment is selected based on environmental exposure, functional requirements, and aesthetic expectations, ensuring long-term performance and consistent finish quality.

By managing surface treatment as an integrated step within the production flow, we provide customers with ready-to-install components and a streamlined supply chain experience.

# cnc machining



Our CNC machining capabilities deliver high-precision finishing for components requiring tight tolerances and consistent dimensional accuracy.

We support CNC drilling, milling, and precision machining of carbon steel ST37≈S235JR(EN10025) and ST52≈S355JR(EN10025) grades, stainless steel, and aluminum parts as part of an integrated manufacturing workflow.

By combining CNC machining with our laser cutting, bending, welding, and surface treatment services, we ensure optimal fit, functionality, and repeatability across both individual components and assembled products.

This end-to-end approach enables us to supply ready-to-install solutions while maintaining strict quality and process control.



more than two decades of experience in sheet metal processing

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