

STEIGER SRL

**Manufacturing Partner for Large Welded  
and Machined Steel Components**

**Location:** Carei, Romania

**Production area:** 6,000 sqm

**Website:** [www.steiger.ro](http://www.steiger.ro)

**Contact:** office@steiger.ro | +40 799 902 700



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### Company Profile

Steiger SRL is a **family-owned manufacturing company** founded in 1994 specializing in the production of **large-dimension custom steel machine components and welded structures** for industrial applications.



With extensive experience in **steel fabrication and precision machining**, we support international customers with the manufacturing of complex components and assemblies.

Our production facilities are designed for **large and heavy steel parts**, with capacities of up to:

- **12 meters component length**
- **25 tonnes component weight**

We manufacture **prototypes, single components, and small production series**, as well as fully assembled industrial structures.

In addition to manufacturing individual machine components and welded structures, we are also capable of delivering **complete assemblies and prototype machines**. A recent example is

the manufacturing and assembly of a **wave generator prototype developed by Leibniz Universität Hannover for Bosch Rexroth**, where our team was responsible for the production of the steel structure and the mechanical assembly of the system.



Projects like this demonstrate our ability to move beyond individual parts and contribute to **complete industrial solutions**. We are therefore particularly interested in cooperating with partners who are looking for a reliable manufacturing partner capable of supporting **entire projects, from large structural components to complete machine assemblies**.

Our work is guided by three core principles: **trust, quality, and reliable deadlines**. We aim to build **long-term partnerships** with our clients based on transparent communication and consistent performance.



## Manufacturing Capabilities

*“We are particularly strong in projects that combine large welded structures with precision machining — machine frames, heavy components, or prototype equipment, being able to handle components inside our workshop up to 12 meters and 25 tons.*

*We are especially interested in long-term partnerships where we can support entire industrial assemblies, not only individual parts.”*

We offer integrated manufacturing solutions covering the complete production process.

### Steel Fabrication

- Steel cutting and preparation
- Welding processes: **MIG/MAG, TIG, MMA**
- Fabrication of large welded steel structures

### Precision Machining

- CNC machining of large steel components
- Milling and mechanical finishing operations
- **Maximum machining capacity (axis travel):**  
X 12,000 mm | Y 4,000 mm | Z 1,500 mm

### Surface Preparation

- Shot grit blasting according to **ISO 8501-1**
- Industrial painting using **airless systems**

### Assembly

- Mechanical assembly of steel structures and industrial equipment

Additional processes such as **galvanizing, powder coating, heat treatment, and specialized surface treatments** are carried out through qualified external partners when required.

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## Quality and Inspection

Quality assurance is integrated into our production processes.

Inspection capabilities include:

- Dimensional control and measurement during production
- **Non-destructive testing (NDT):**

- Visual Testing (VT)
- Penetrant Testing (PT)

Additional testing methods such as **Magnetic Particle Testing (MT)**, **Ultrasonic Testing (UT)**, and **Radiographic Testing (RT)** are performed by qualified external partners when required.

Coating quality control includes:

- **Coating thickness measurement**
  - **Adhesion testing**
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### **Capacity and Ongoing Investments**

Our manufacturing operations are supported by a **6,000 sqm production facility** equipped for large steel fabrication and machining.

To further strengthen our capabilities, we are currently implementing several investments:

- **Workshop expansion of 1,200 sqm** to increase assembly capacity
- **Acquisition of a new 8-meter CNC milling machine with turning functions**
- **Implementation of a new ERP system** to improve production planning, transparency, and process control

These developments support our objective of becoming an even more efficient and reliable manufacturing partner for international customers.

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### **Cooperation Opportunities**

Steiger SRL is interested in establishing **long-term industrial partnerships with German companies** seeking reliable manufacturing partners within the European Union.

Potential cooperation areas include:

- Mechanical engineering
- Industrial equipment manufacturing
- Energy sector components
- Automation and heavy industry

We aim to work with partners who value **trust, quality, and reliable project execution**, and who are interested in developing **long-term cooperation based on shared growth and industrial collaboration**.

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## Why Work With Steiger


- Family-owned company with long-term stability
  - Specialized in **large steel components**
  - Strong in-house welding and machining capabilities
  - Flexible production for prototypes and small series
  - Transparent communication and reliable project execution
  - Strategic focus on **developing complete machine manufacturing capabilities**
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## Contact

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*Steiger SRL – Built by People. Powered by Trust.*