



**MASINAEHITUS**  
BLRT GRUPP



# BLRT MASINAEHITUS

BLRT Masinaehitus is a dynamic and modern machine-building company, a subsidiary of BLRT Grupp, the leading industrial holding in the Baltics.

BLRT Masinaehitus has an over **6,000** m<sup>2</sup> production area and a team of **50** employees and specialists.

**Renowned expertise  
in precision welding  
and advanced  
machining solutions.**

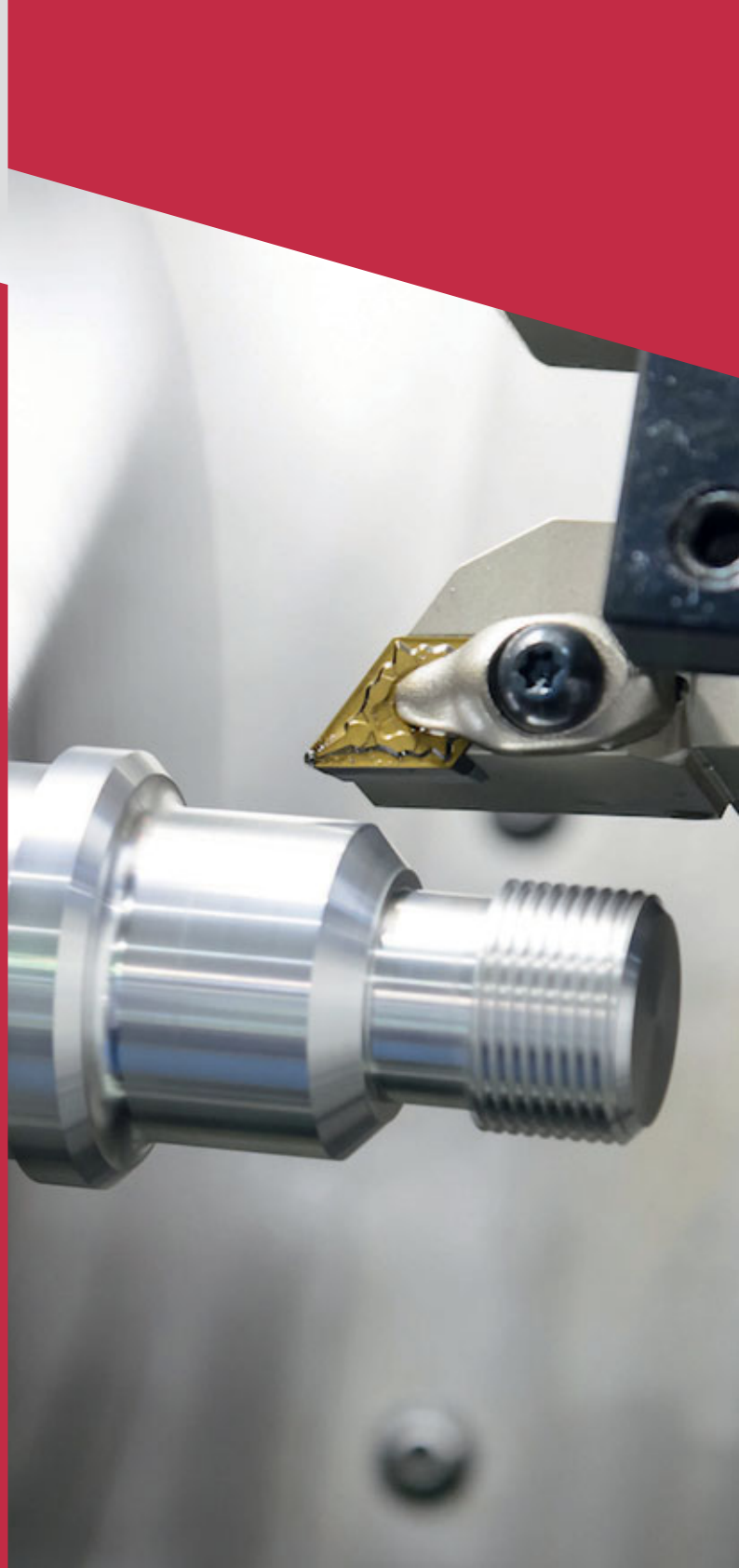
## Reliability

At **BLRT Masinaehitus**, reliability is at the heart of everything we do. We are committed to consistent quality, security of supply, and outstanding service, making us a trusted partner for both local and international customers. We exceed expectations by coupling tight quality standards with on-time delivery and durable, high-performance components, building long-term partnerships with companies prioritizing reliability and excellence.

## Global Market Presence

Our company has established a solid reputation in Germany and is expanding operations in Estonia, Finland, the Czech Republic, and beyond. Our flexibility in handling both batch production and custom projects allows us to cater to a wide range of industries, including:

- Material Handling Equipment
- Construction Machinery and Equipment
- Specialized Machinery
- Wood Processing
- Cellulose & Paper Industry
- Power Engineering



# Uncompromising Quality

At **BLRT Masinaehitus**, quality is deeply integrated into every stage of our production process.

Our production complies with and is certified to internationally recognized standards, including

**ISO 9001** (Quality Management),

**ISO 14001** (Environmental Management), and

**EN-ISO 3834-2** (Welding Expertise).

These certifications reflect our commitment to precision, consistency, and environmental responsibility.



We offer the most comprehensive array of **testing methods in the region**, with our **group-accredited laboratories** making sure every component meets the highest quality criteria. Our **3D dimensional verification** with the **Romer Absolute Arm 7525** assures exceptional accuracy of challenging components.

Our pursuit of excellence is rooted in continuous improvement. Using an advanced **ERP system** for resource planning and process optimization, we persistently enhance our efficiency and product quality. This guarantees that every component we deliver meets the most demanding industry standards for performance and durability.

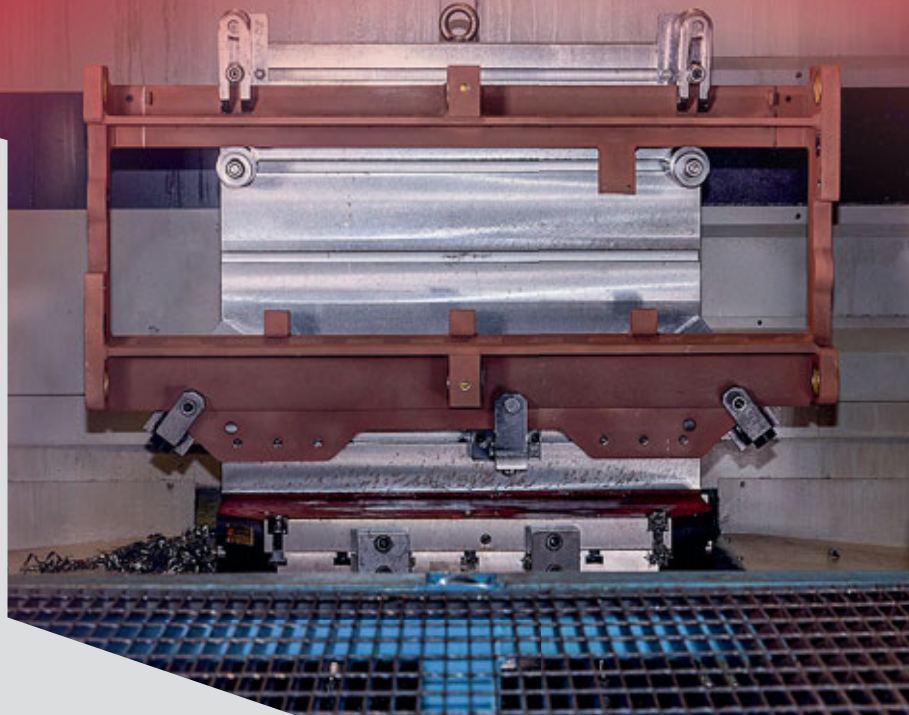
# Comprehensive Metal Fabrication



**BLRT Masinaehitus** provides a full spectrum of metalworking services, specializing in the production of **functional and load-bearing steel components**. Our expertise covers an extensive selection of project types, from batch production to customized single-item projects, offering the flexibility to meet the strictest industrial requirements.

We work with a broad range of **materials**, including **structural steel, high-strength steel, and specialized alloys** designed to withstand extreme conditions and heavy use. Our capabilities allow us to manufacture components weighing up to 5 tonnes, making us a trusted partner for both light-weight and heavy-duty applications.

Our machining, **welding, and assembly operations** are supported by state-of-the-art equipment. We combine **CNC machining** (vertical, horizontal, and turning) with both **manual** and **robotic welding** to maintain the most advanced levels of **precision, consistency, and efficiency**, regardless of batch size or complexity.



# Advanced CNC Machining



We maintain tight tolerances across varied projects, which makes us a reliable partner, serving industries such as heavy construction vehicles, material handling equipment, and specialized machinery.

Our machining department accommodates **workpieces up to 2.5 meters** in length and can handle components of varying intricacy. Key capabilities include:

## Vertical Milling:

Workpieces  
up to **2,500 x 1,000 x 1,000 mm**,  
up to **2.5 tonnes**

## Turning:

Maximum length **600 mm**,  
diameter **250 mm**

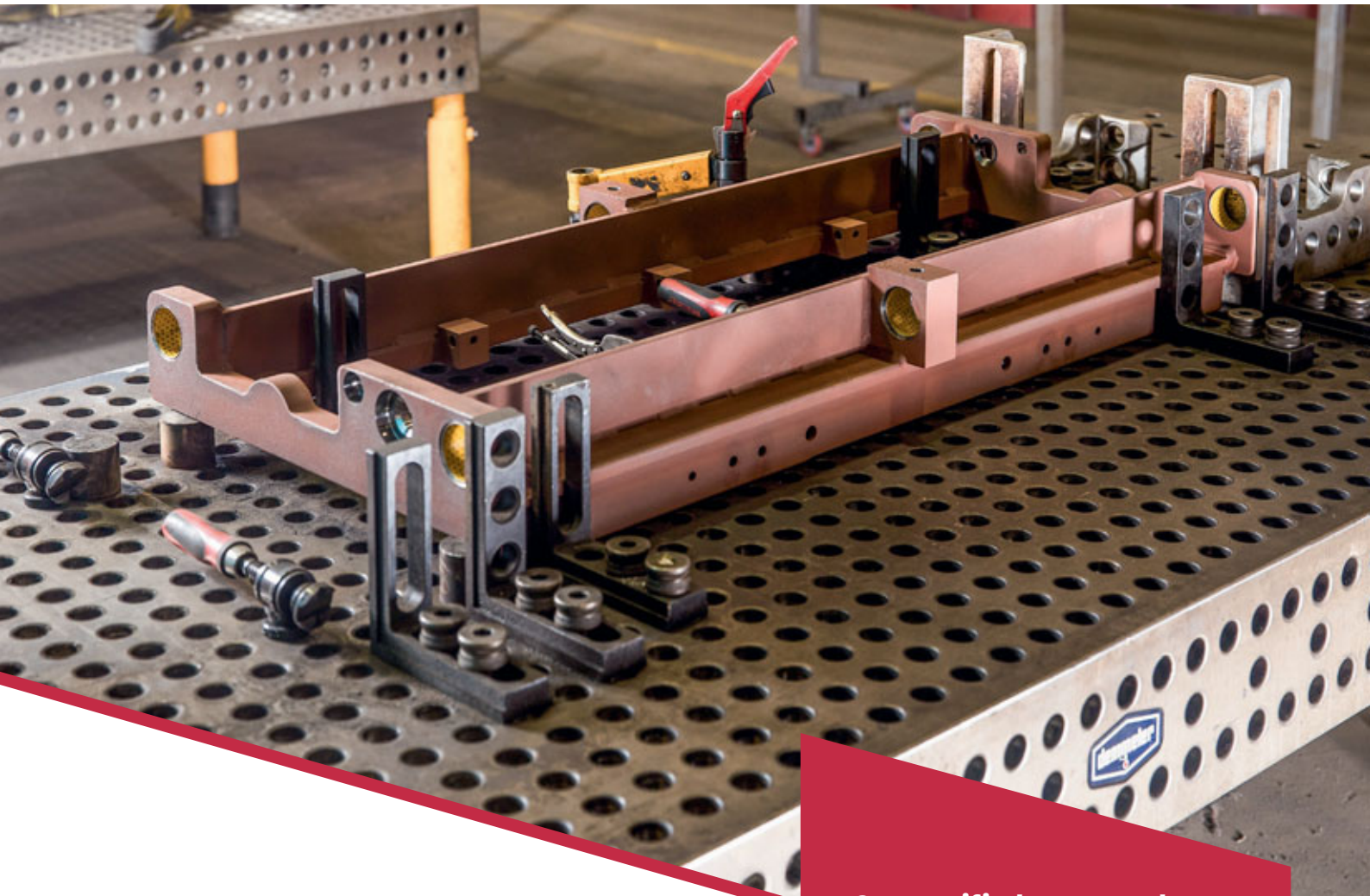
## Horizontal Milling:

Workpieces  
up to **2,500 x 1,000 x 1,000 mm**,  
up to **4 tonnes**

## Annual CNC machining capacity:

Over **50,000 hours**.

# Welding Solutions



Our **advanced welding** facilities are a combination of advanced manual and robotic equipment with flexible 3D welding tables, enabling precise assembly for sophisticated and large-scale projects.

## **Annual welding capacity:**

Over > **60,000 hours**

## **Workpiece handling capacity:**

**Robotic welding** up to **500 kg**

**Manual welding** up to **5,000 kg**

Our **certified personnel**, including welders certified to **ISO 9606-1** and robotic welding operators – to **ISO 14732**, make certain that every project is performed in compliance with the most stringent quality standards.

Our high-quality weld seams result from optimized processes, rigorous control, and in-depth documentation, ensuring consistency. Our comprehensive testing methods include:

- **Radiographic Testing (RT)**
- **Magnetic Particle Testing (MT)**
- **Ultrasonic Testing (UT)**
- **3D Dimensional Verification**

# Why choose BLRT Masinaehitus?

## **Cutting-Edge Manufacturing Capabilities**

Equipped with up-to-date CNC machining, and manual and robotic welding technologies, we deliver superior-quality steel components for demanding industrial applications. Whether producing single-item prototypes or large-scale serial batches, we maintain uncompromising accuracy and performance.

## **Commitment to the Highest Industry Standards**

We follow the strictest quality standards, holding internationally recognized certifications such as ISO 9001, ISO 14001, and EN-ISO 3834-2. Our thorough quality management procedures, including non-destructive testing (RT, MT, UT) and 3D measurement, guarantee that every component meets rigorous performance requirements.

## **Delivery Precision with Proven Reliability**

On-time delivery is not a goal – it is our standard. Supported by an advanced ERP system, our meticulous production planning ensures that we consistently exceed industry benchmarks for on-time delivery (OTD), providing supply chain stability for our partners.

## **Flexibility for Diverse Project Needs**

We handle a wide range of projects, from customized single items to high-volume batch production, processing workpieces weighing up to 5 tonnes. Our versatility allows us to adapt to unique client requirements without compromising quality or deadlines.





## **Trusted by Leading European Brands**

We have established long-term partnerships with globally recognized industrial companies, particularly in the heavy construction vehicles, material handling equipment, and specialized machinery sectors. Our reputation for top-grade production, reliable delivery, and problem-solving expertise makes us a preferred manufacturing partner for industry leaders.



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