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# Eurobalt Engineering

## Sintering solutions

# Presentation content

## General overview

Eurobalt Engineering is a part of industrial group specializing in production of metal parts according to customers' drawings using various technologies:

- powder metallurgy
- aluminum die casting
- machining
- casting
- forging



Our quality management system is approved by TÜV NORD.

### Sales structure by country



Our head office is located in Tallinn, Estonia with branch offices in the Baltic countries and Malta. Our production facilities are located in China and India.

## Locations

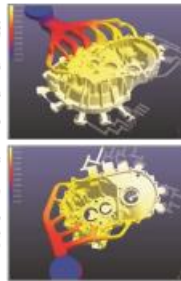


## Workshops

Workshop info		Equipment list
Floor area	32 000 m <sup>2</sup>	Hydraulic press
Employees	85 people	Automatic powder press
Production capacity	20 000 000 parts per year	Mechanical presses
Materials	structural steel, stainless steel, copper-based materials	Mesh belt furnace
Part weigh	0,003 – 1 kg	Pusher furnace
		Steam boiler
		Hacksawing machine
		Ginding machine
		Lathe
		Radial drill
		Coining equipment
		Automatic lathe
		CNC machine center
		Wire-electrode cutting

## Engineering service

- 8 R&D engineers responsible for engineering solutions and technological development of parts.
- 5 quality control specialists supervising parts at different stages of production.
- Development of products according to client's requirements.
- Adjustment of drawings and 3D models to meet technical possibilities of the factory.
- Constant improvement of production process.
- Possibility of technical support at the stage of development of a new product.
- Quality control is performed according to the PPAP standards or requirements of client.
- We can optimize production process by introducing technologies in order to find the most suitable and cost-effective solutions for our clients.



## Quality control

- Factory quality control according to internal standards or customer's requirements.
- Quality control by an independent inspector from the head office of Euroball in China (30'an branch).
- Partnership with SGS company for special quality control purposes.



## Packaging

Packing of goods delivered by Eurobalt Engineering provides safety during any kind of delivery. Standard packaging includes:

- Parts are packed in boxes, separated from each other by carton trays, layer by layer.
- In case it is required, parts are packed in kraft paper and impregnated with oil for additional anti-rust protection.



## Logistics

Eurobalt Engineering has a developed logistics chain, delivering goods in time and with appropriate handling.

Delivery can be done by:

- sea transport – delivery within 35 days, starting from 90 EUR per ton
- air transport – delivery within 10 days, starting from 3 600 EUR per ton
- railway transport – delivery within 16 days, starting from 200 EUR per ton
- express delivery companies – delivery within 5 days, starting from 20 EUR per kg

Delivery can be provided as "just in time", from the Eurobalt's warehouse to client's warehouse (that is a matter for additional discussion).

## Samples



# General overview

Eurobalt Engineering is a part of industrial group specializing in production of metal parts according to customers' drawings using various **technologies**:

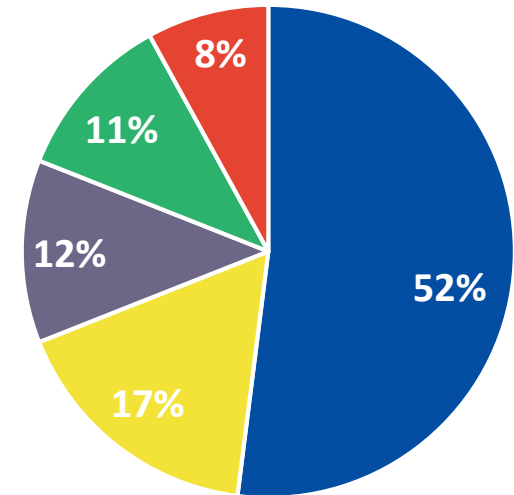
- powder metallurgy
- aluminum die casting
- machining
- casting
- forging



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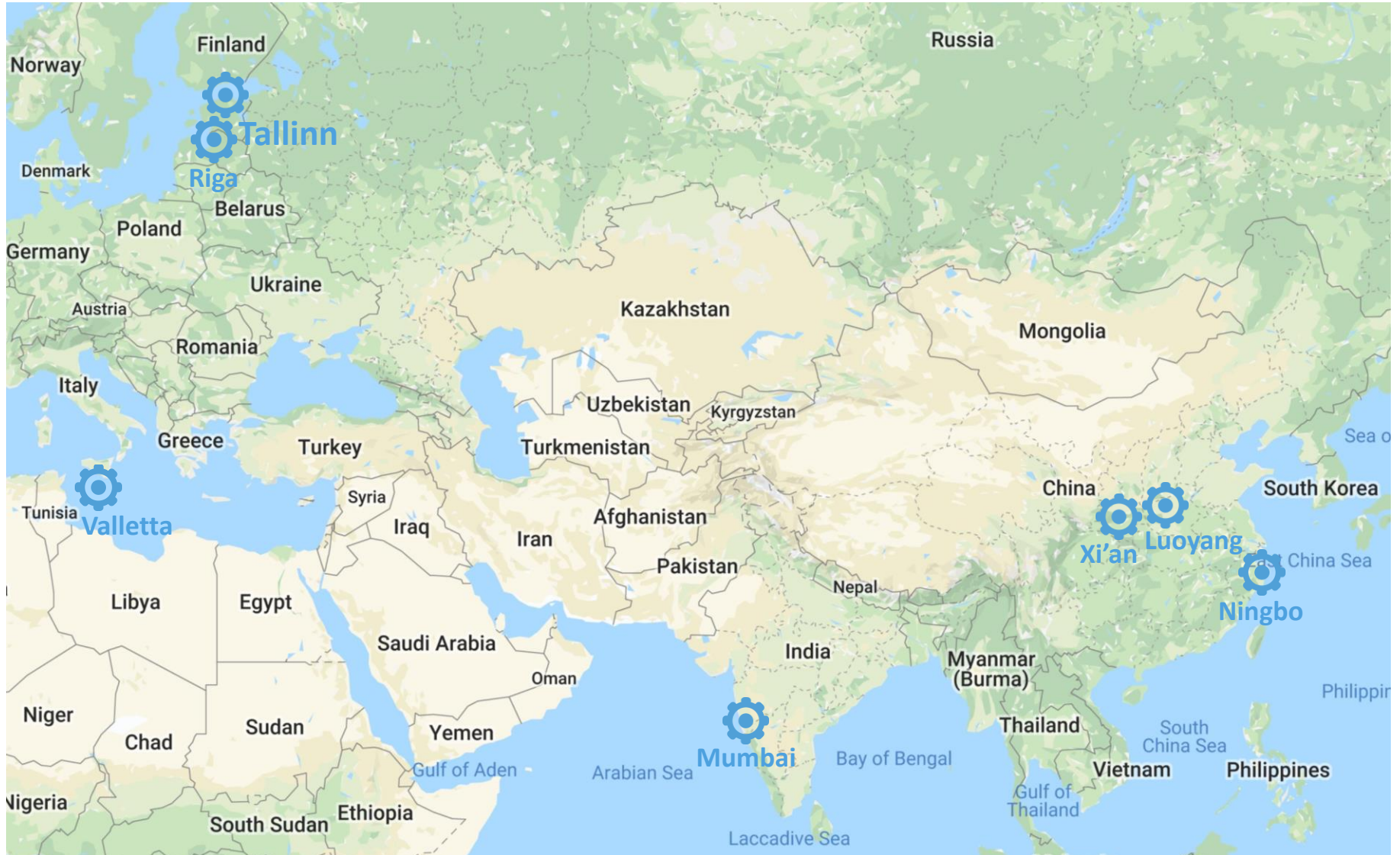
## Sales structure by country

- Germany
- Switzerland
- Canada
- Denmark
- Others



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# Locations





# Sintering workshop

## Workshop info

Floor area	32 000 m <sup>2</sup>
Employees	85 people
Production capacity	20 000 000 parts per year
Materials	structural steel, stainless steel, copper-based materials
Part weigh	0,003 – 1 kg

## Equipment list

Hydraulic press	13
Automatic powder press	8
Mechanical presses	9
Mesh belt furnace	1
Pusher furnace	1
Steam boiler	1
Hacksawing machine	1
Grinding machine	4
Lathe	9
Radial drill	4
Coining equipment	2
Automatic lathe	4
CNC machine center	5
Wire-electrode cutting	3



# Machining workshop

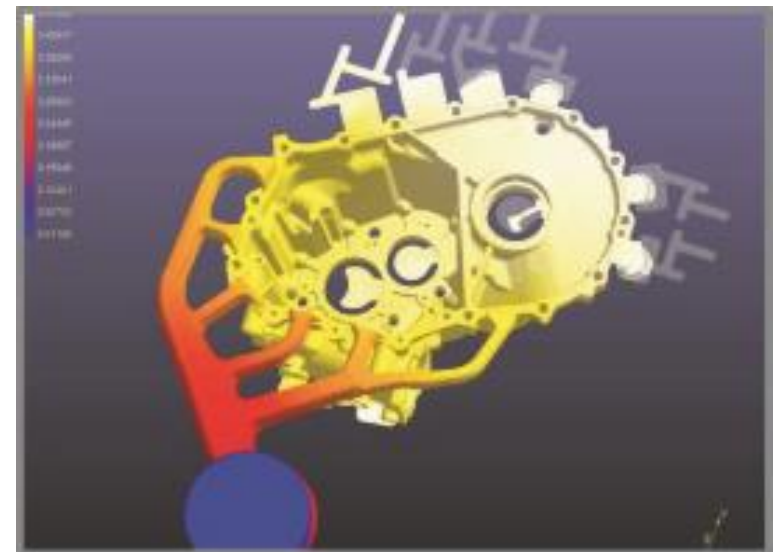
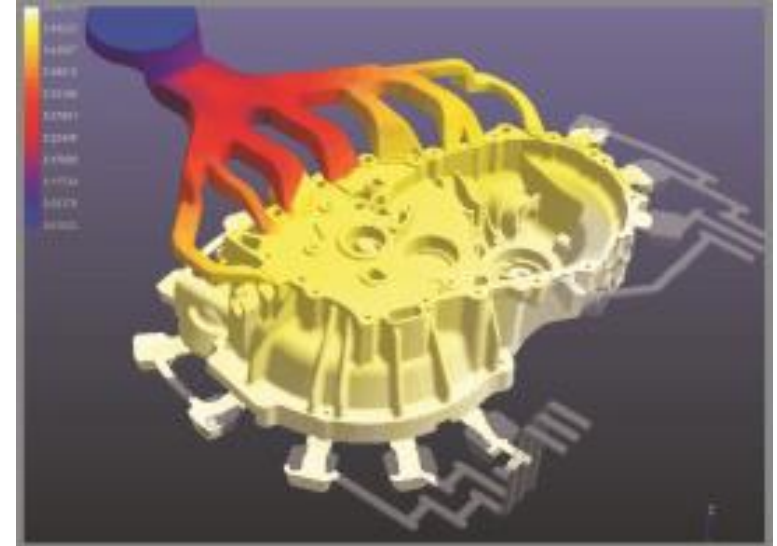
Workshop info	
Floor area	2 000 m <sup>2</sup>
Employees	60 people
Production capacity	300 000 parts per year
Materials	steels (including stainless steel), copper, aluminum
CNC lathe	diameter ≤300 mm, length ≤800 mm
CNC machining center	length 1 150 mm, height 520 mm
Tolerances	±0,005 mm

Equipment list	
Vertical CNC Machining Center (4 axis)	3
Vertical CNC Machining Center	5
CNC Lathe	21
Taper Wire Cutting Machine	2
Bench Drilling Machine	2
Tapping Machine	2
Automatic Sawing Machine	2
Conventional Lathe	1



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- Possibility of technical support at the stage of development of a new product.
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- We can optimize production process by substituting technologies in order to find the most suitable and cost-effective solutions for our clients.





# Quality control

Quality control is provided at three levels:

- Factory quality control according to internal standards or customer's requirements.
- Quality control by an independent inspector from the head office of Eurobalt in China (Xi'an branch).
- Partnership with SGS company for special quality control purposes.





# Packaging

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# Samples





You can find more information on our website:

[eurobalt.net](http://eurobalt.net) › [Manufacturing](#) › [Powder metallurgy](#)

Thank you for your attention!