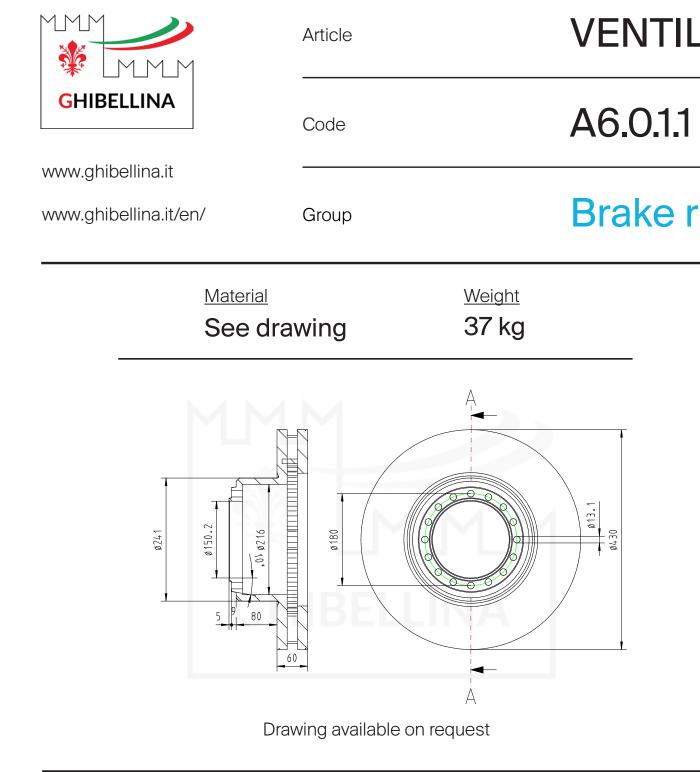


# **Railway Ventilated brake disc production**

## Railway rolling stocks

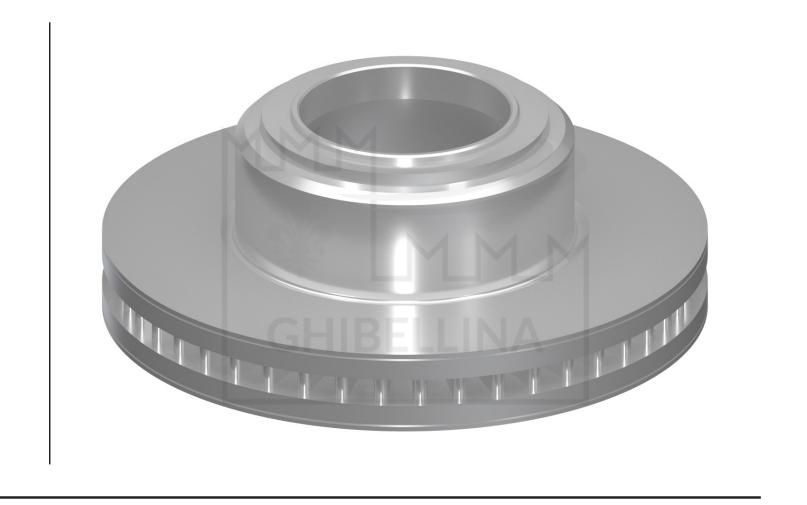


**Railway Ventilated brake disc production** Railway rolling stocks



### VENTILATED BRAKE DISC

### Brake rigging





**Railway Ventilated brake disc production** Railway rolling stocks

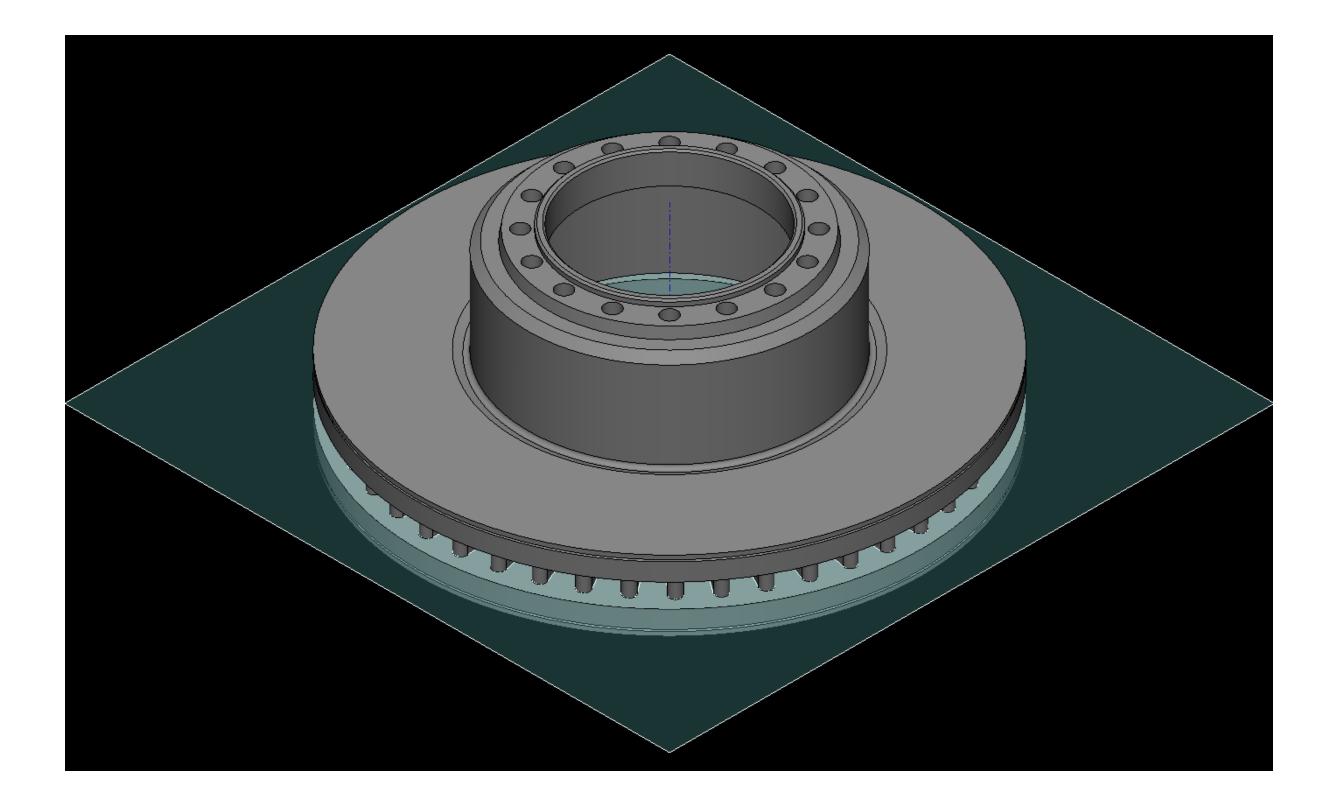
Involved **steps** in the production process:

- Technical project 1.
- Production of technical and tools drawing 2.
- 3. Render
- Realization of production tools 4.
- Casting 5.
- Machining 6.
- Balancing 7.
- 8. Packaging



Railway Ventilated brake disc production Railway rolling stocks

## **1. Technical project**

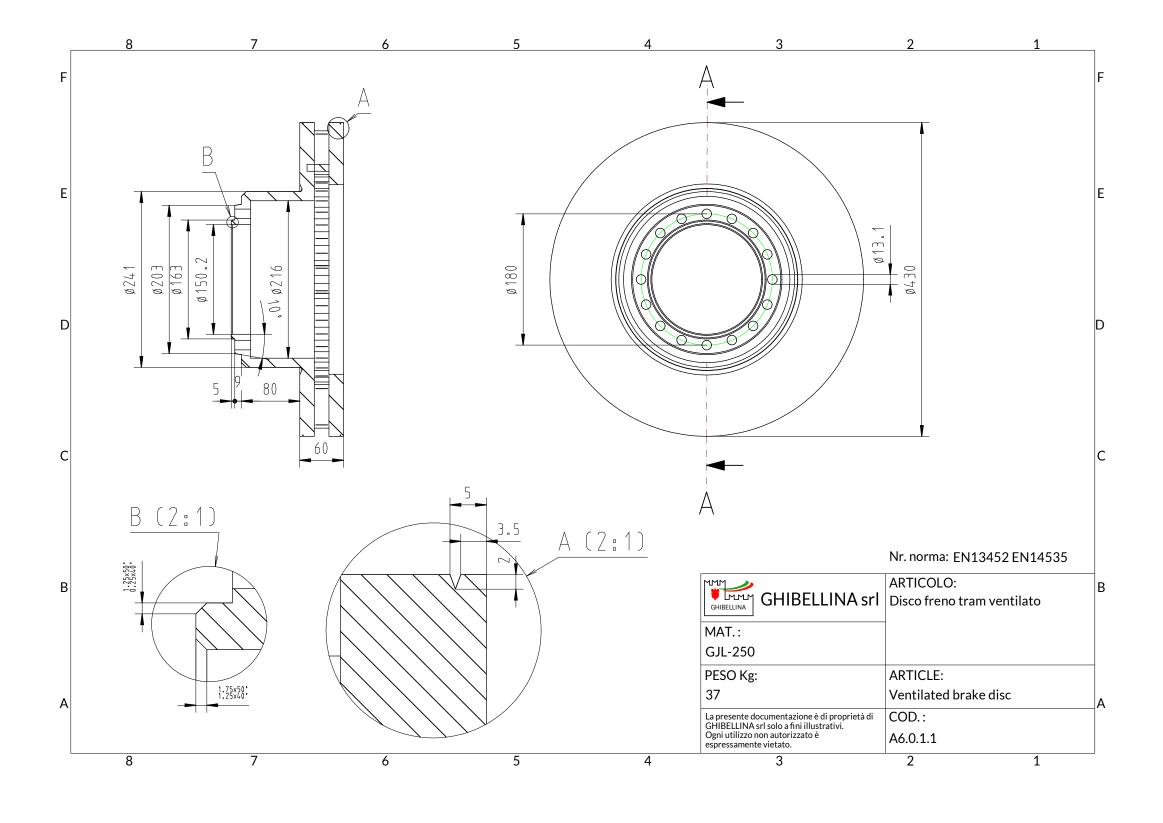






**Railway Ventilated brake disc production** Railway rolling stocks

### 2. Production of technical and tools drawing







**Railway Ventilated brake disc production** Railway rolling stocks

### **3.** Rendering







**Railway Ventilated brake disc production** Railway rolling stocks

#### **Realization of production tools** 4.

Master model



www.ghibellina.it/en/ www.ghibellina.it





Railway Ventilated brake disc production Railway rolling stocks

#### **Realization of production tools** 4.

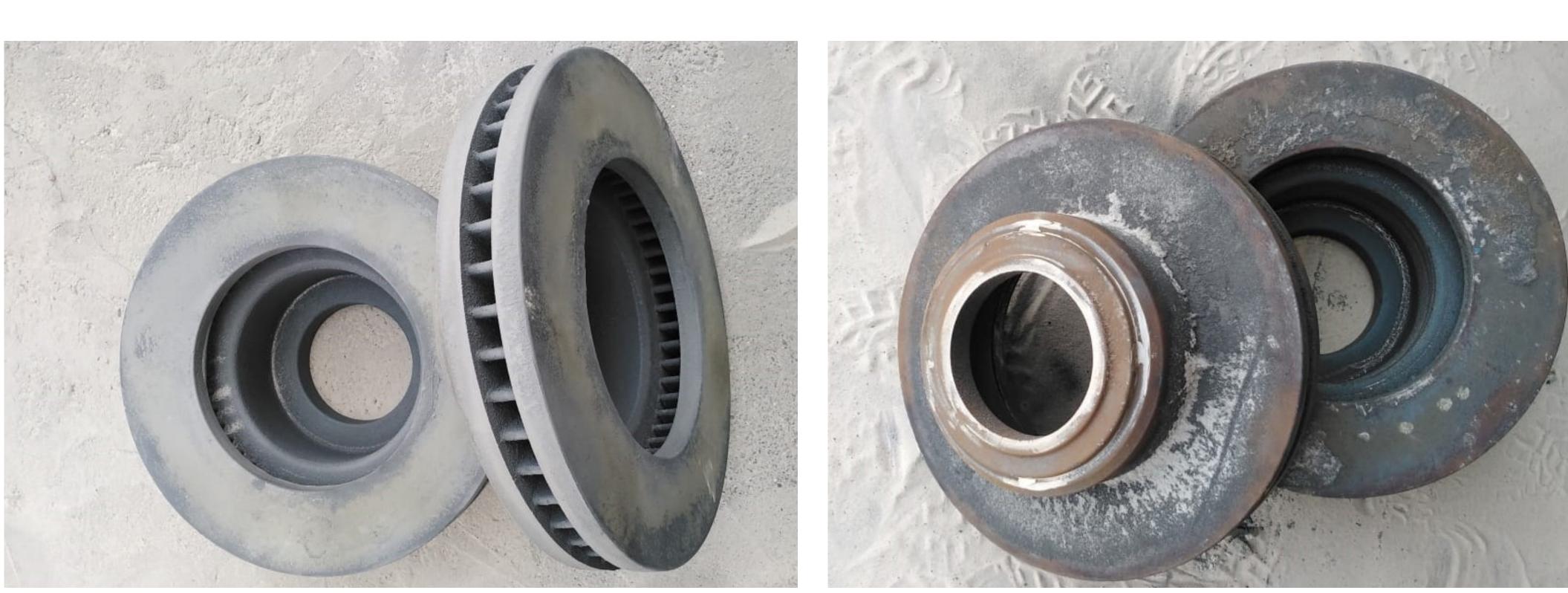
Casting tools





**Railway Ventilated brake disc production** Railway rolling stocks

### 5. Casting

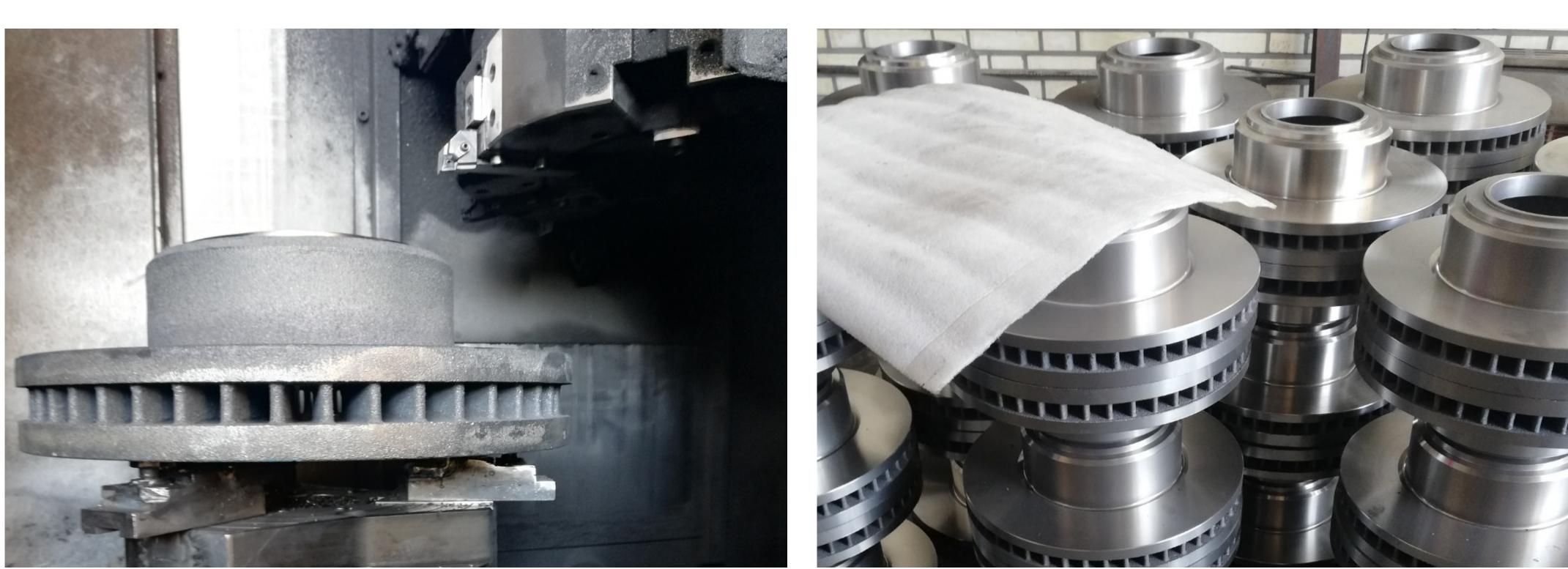






Railway Ventilated brake disc production Railway rolling stocks

### 6. Machining









**Railway Ventilated brake disc production** Railway rolling stocks

### 7. **Balancing**





www.ghibellina.it www.ghibellina.it/en/



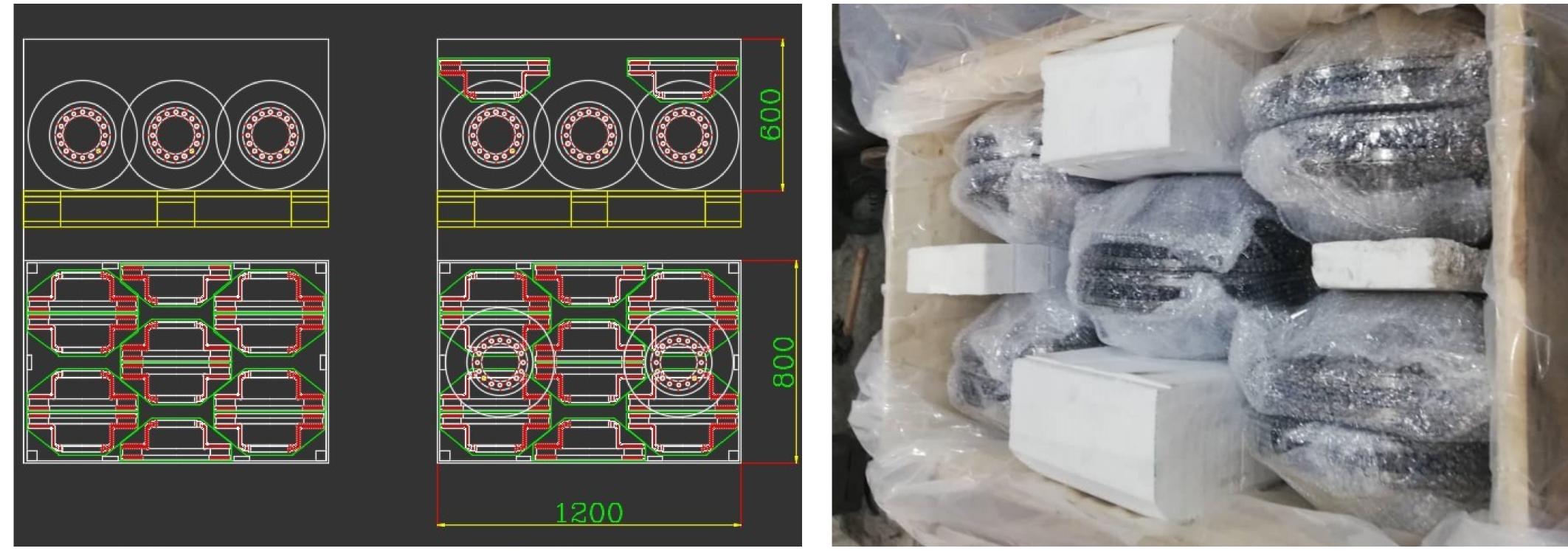
Balancing Place





Railway Ventilated brake disc production Railway rolling stocks

#### Packaging 8.

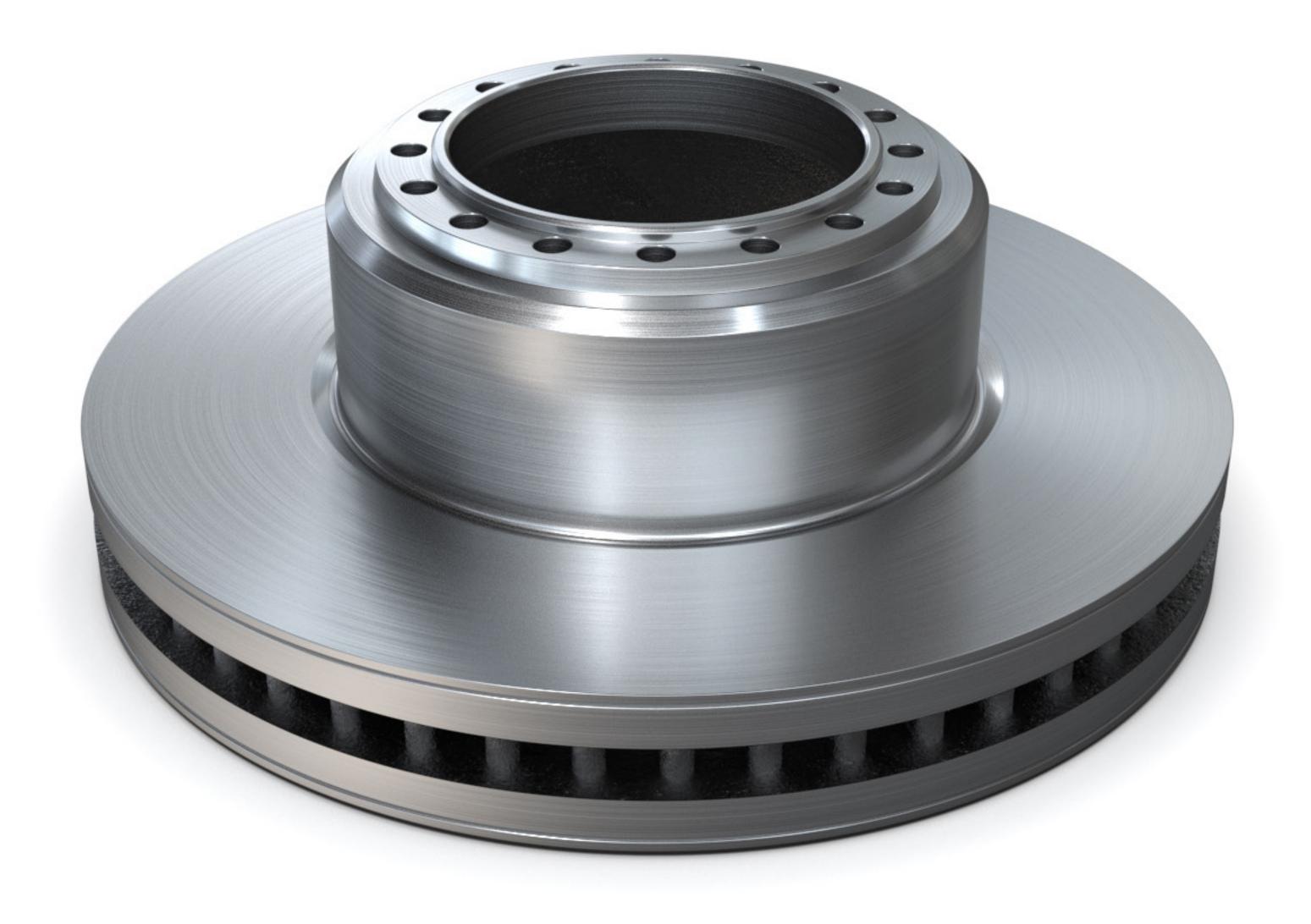


www.ghibellina.it/en/ www.ghibellina.it





**Railway Ventilated brake disc production** Railway rolling stocks



www.ghibellina.it/en/ www.ghibellina.it