



**IST, LDT**

Production of steel wheels







## NEW PLANT

In 2016, the construction of a new steel wheels plant kicked off in Yaroslavl, Russia.

Backed by YST Group as a main investor, the wheels production facility was built and launched within a short time.

Already in 2017, this new plant started to produce steel wheels for passenger cars and LCVs.



## OUR MISSION

- Production of high-quality and safe wheels.
- Adoption and use of cutting-edge technologies to reduce emissions polluting the environment.
- Support of import substitution framework.







## PRODUCTION CAPACITY



1 500 000 pcs per year — wheel line

1 500 000 pcs per year — wheel rim line

2 500 000 pcs per year — paint line

2 500 000 pcs per year — e-coat line



5 000 m<sup>2</sup> of production area



Over 90 wheel sizes



150+ employees



In-house laboratory



## EQUIPMENT

Today, the plant has four production areas:

1. Wheel line.
2. Wheel rim line.
3. Paint and E-coat line.
4. Finish line and packing.

The plant has brand-new automated machines for cutting, coiling, welding, beading, and moulding, which is organized on a single continuous-flow line.

This production line also features testing machines for joint air-tightness control and radial and axial runout, which **AUTOMATICALLY DETECT DEFECTED WHEELS AND TAKE THEM OFF THE PRODUCTION LINE.**







## UNIQUE AUTOMATED LINE

The plant produces steel wheels on a unique automated line equipped with a system managed by a programmable logic controller.

A mechanical manipulator on transportation line ensures high automation, increases labor efficiency and reduces chance of human errors.

## PAIN T AND E-COAT LINE

A brand-new paint and e-coat line was developed exclusively for the plant by one of the leading production machines manufacturers in Italy. It has high output (**MORE THAN 500 WHEELS PER HOUR**) and ensures perfect coating.

In the production process, we use only top-quality raw materials from Russia and **EUROPE.**







## **TECHNOLOGY**

With modern equipment, cutting-edge technologies and highly qualified employees, we can produce top-quality wheels that meet the needs of all customers.

All production cycles are separated into process chains with strict quality control at each stage.

## **RAW MATERIALS**

Low carbon steel is one of the materials manufactured exclusively for steel wheels production. It has high formability and is suitable for stamping. Moreover, such steel keeps all its properties after being processed.

All dies in stamping production are produced from high-quality low-wear alloys.







## PRODUCTS

The plant produces steel wheels under **Trebl**, **SDT**, **Arrivo**, and **Steger** brands.

These wheels are popular around the world thanks to their reliability, affordable price, and wide range of sizes both for passenger cars and LCVs.



We are planning to start shipping steel wheels to car manufacturers to be installed as OEM wheels in Russia, CIS, and Europe.

We also can produce wheels under customer's trademark.





## **OUR ADVANTAGES**

1. Quality control at each production stage.
2. Wide range of products.
3. Production of new moulds upon customer's request.

4. Quick equipment re-tooling.
5. High quality thanks to strict incoming control of raw materials, processing and following existing standards on a brand-new equipment.





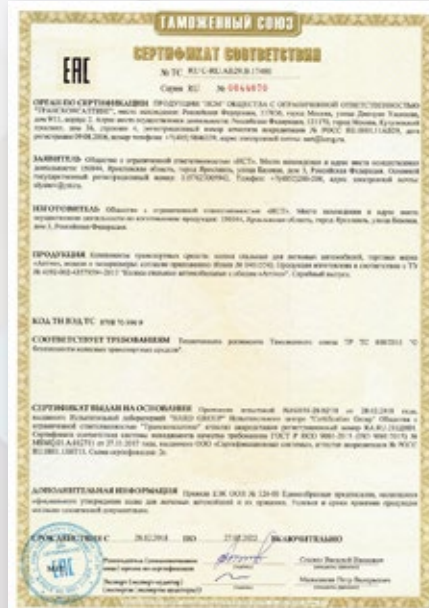
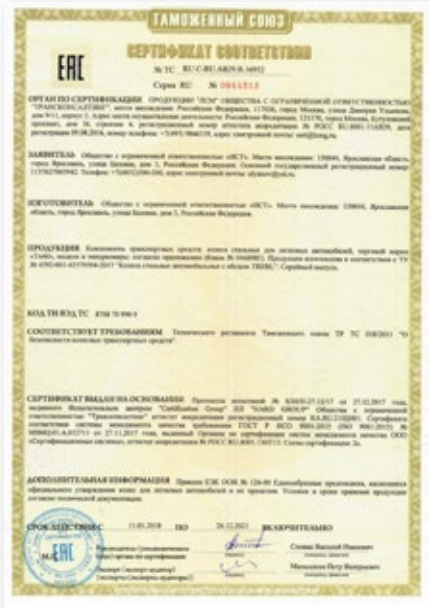


6. Certificates. Our products pass all necessary tests.
7. Terminal-YST online booking system allows customers to place orders for wheels from around the world.

8. Quick delivery.  
Our dealers can deliver any volumes to all countries in Europe and CIS.







## CERTIFICATES

Our plant has obtained official **ISO 9001** certificate and quality compliance certificate of the Customs Union.

We are also planning to get TÜV,ISO 16949, ISO 9004, ISO 14001, and ISO 45000 certificates.

We are also ready to any certification process upon customer's request.







Official Distributor - YST GROUP

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