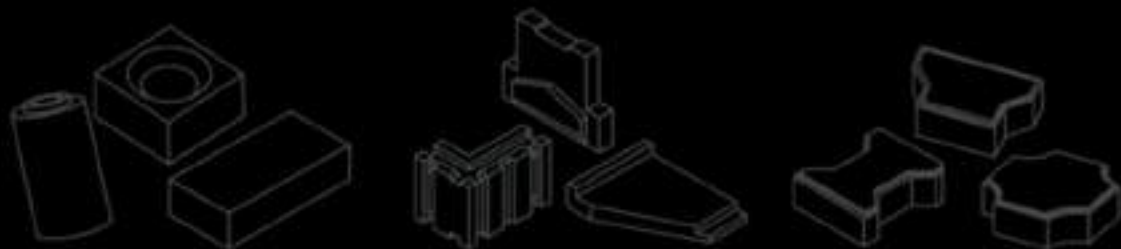




OVER 120 YEARS OF EXPERIENCE

IN MANUFACTURING OF REFRACTORY PRODUCTS



**REFRACTORY
PRODUCTS
FOR THE INDUSTRY**

**REFRACTORY
PRODUCTS
FOR STOVES
AND FIREPLACES**

**CLINKER
PRODUCTS**

The Company



TRUD JSC produces a wide range of dense and lightweight refractory products and materials, quality chamotte products for the building of stoves and fireplaces, and clinker paving products.

The company has two tunnel kilns with a production capacity of 15,000 and 50,000 tons per year.

TRUD is a joint stock company with over 150 employees and 72 000 m² factory area.

The quality of the production process is ensured through continuous monitoring by the company's own chemical and physical laboratory, where all relevant indicators are strictly followed.

Since 2003 the company has implemented quality management system and is currently certified in accordance with *ISO 9001:2015* and *ISO 14001:2015*.



History



TRUD was founded in 1893 as a Bulgarian–Austrian joint venture company.

In 1897 the enterprise founded the refractory industry in Bulgaria.

In 1947 under the nationalization of the industry **TRUD** became a state owned ceramic factory.

Since 1966 the factory is specialized in the production of refractory products and started reconstruction and modernization.

In the 80s a new technology of semidry molding was introduced and **TRUD** built the biggest high-temperature tunnel kiln on the Balkan Peninsula with a capacity of 50 000 tons per year.

In the 1993 the company was privatized and a new era of modernization and optimization of production started.

Modernization



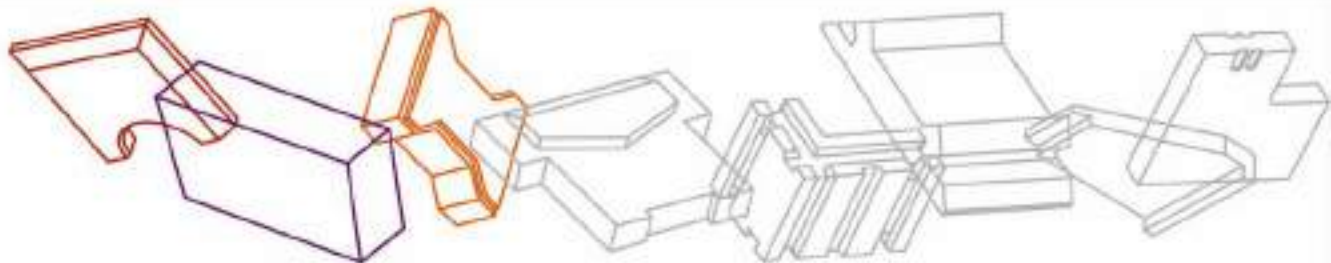
During the first years after the privatization of the enterprise several investments have been made concerning innovation and optimization of the production.

Among these was the purchase of two new modern presses – 1000-ton and 500-ton, produced by SACMI, Italy.

In September 2013 a new tunnel kiln was put into operation, purchased from one of the most renowned kiln manufacturers – RIEDHAMMER, Germany.

The total investments in the last 10 years for the modernization of the factory amount to over € 5 000 000. These brought the factory to today's technological level which allows it to meet all customers requirements.





Production range

TRUD JSC successfully combines more than century-old tradition with the advantages of modern technology and offers its customers:

- **Refractory products for the industry**



- **Refractory products for stoves and fireplaces**



- **Clinker paving products**

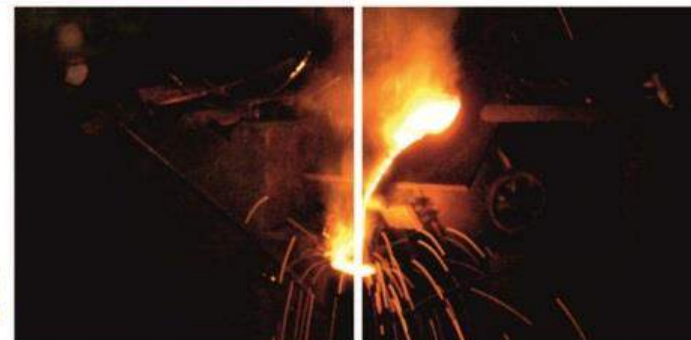


The main application areas of our products are:

Steel industry, Heat and Energy industry, Cement and Lime production, Glass industry, Engineering, Fine ceramics, Structural ceramics, Oil refining, Chemical industry and Architectural/Landscape design.

TRUD JSC produces over 6 000 different refractory products with content of Al_2O_3 from 25 to 45 % and operating temperature up to 1400° C. These are produced with high quality local and imported raw materials:

- ❑ Standard brick shapes - straight, wedges;
- ❑ Radial bricks & Shaped products;
- ❑ Products for the foundry industry;
- ❑ Products for electric furnaces;
- ❑ Products for boilers;
- ❑ Insulating materials;
- ❑ Chamotte Mortars & Fractions.

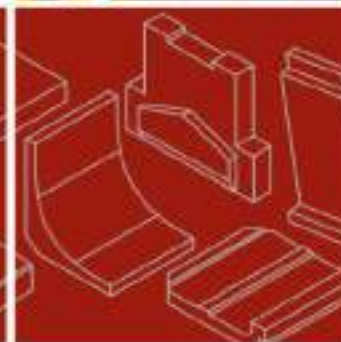
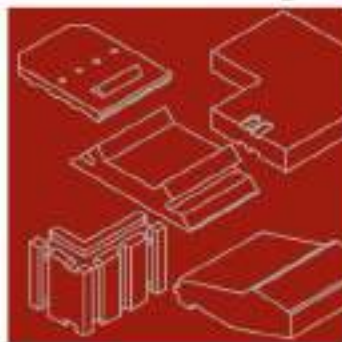


TRUD JSC produces more than 300 kinds of products for stoves and fireplaces.

The products are designed for the operation of combustors heated by wood, coal or briquettes (pellets) and operation temperature of up to 1250° C.

The raw materials used are clean and safe - do not emit harmful and carcinogenic substances.

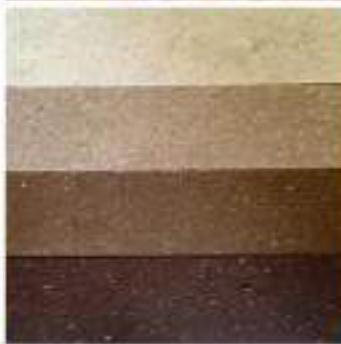
TRUD JSC develops new models of products according to clients' requirements.



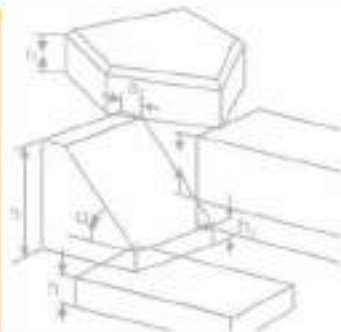
TRUD JSC produces clinker paving products for sidewalks, pedestrian areas and streets in 2 series – **CLASSIC & AVANGUARD**.

Series **CLASSIC** is produced by classical technology and is offered in universal forms.

Series **AVANGUARD** is produced by advanced technology which has been developed to satisfy a wider range of customer requirements in terms of shapes and feasibility for implementation of various architectural solutions.



Products from both series cover all standards set for paving products.





Clients & Partners

Leading factor in the company's activities is the build-up and maintenance of long-lasting and loyal business relationships. Our partners & clients are our guarantee for the quality of the products of TRUD JSC!



Clients and contracting partners network:

Over 100 Bulgarian companies & more than 40 European companies in Austria, Hungary, Italy, Romania, Greece, Serbia and Macedonia.

Why TRUD?



Constant investments and modernization of production:

- ✓ continuous improvement of the products and increasing of the capacity!

Highly qualified team of engineers, technicians and designers:

- ✓ commitment to customer requirements!

Product quality with guaranteed high levels of control:

- ✓ competitive price-quality ratio of the final product!

Long-lasting relations with companies:

- ✓ traditions in reliable partnerships and business integrity!

Excellent location:

- ✓ direct proximity to The Danube River, Port of Ruse East, Danube Bridge and Ruse Duty Free Zone!





Thank you for your attention!



www.trud-bg.com

19, Tutrakan Blvd.
7003 Ruse, Bulgaria

Phone: +359 (0)82 815 214

Fax: +359 (0)82 841 948

E-Mail: info@trud-bg.com

