

## IMPROVED QUALITY AND ENVIRONMENTAL CARE IN CONSTRUCTION



“Kentaur-Impex” dooel started out as a private import-export company, dealing with the production and trade of metal products and their application in the modern construction systems. Founded in 2001, the company is located in municipality of “Gazi Baba” in Skopje.

The company's main products are metal sheet accessories that are sold in the domestic market, but the company is also becoming active in the international trade of sheet metal as a supplier to large foreign manufacturers.

In 2018 the company started developing its own production capacity by purchasing two large production halls in Kumanovo. As part of this expansion, the company also introduced ISO 9001.

To optimize its production, Kentaur invested in a new Plasma Cutting machine in 2021. As part of the investment project, the Kumanovo production site was reconstructed to meet the new machine’s specific requirements. This reconstruction included the installation of a new ventilation system.

The new cutting machine replaces four existing/old cutting machines. The process is completely automatized, resulting in higher productivity and higher quality of the final products and enabling the company to trade more effectively in the EU markets.

The high level of automation reduces the need for manual intervention, which has a positive impact in occupational health and safety. The new machine and the efficient ventilation system also reduce the company’s energy consumption and metal waste, which improves the company’s competitiveness.

The company received free technical assistance to optimize its investment project and a 15% grant cash-back after the successful project verification, funded by the European Union.

With the investment, the company now meets a wide variety of standards including: With the investment, the company now meets a wide variety of standards including:

- Directive 2008/98/EC on waste.
- Directive 2006/42/EC on machinery, and amending Directive 95/16/EC (recast);
- Directive 2014/35/EU on the Harmonization of the Laws of Member States relating to Electrical Equipment Designed for Use within Certain Voltage Limits;

<b>Loan Amount</b>	€ 305,531
<b>Grant amount</b>	€ 45,829
<b>EU Directives met</b>	Regulations on emissions of heavy machinery, pressure equipment and minimum health and safety requirements
<b>Invested in</b>	Plasma cutting machine STEEL MAX 14x3 and new Ventilation System
<b>Energy Savings and GHG reduction</b>	31.1 MWh/year 9.6 t CO2/year

Implementation Consultants

