

New Ashgabat Glass Factory sees VETROMECCANICA in Turkmenistan

As part of a landmark international collaboration, VETROMECCANICA has played a pivotal role in establishing a state-of-the-art glass factory in Ashgabat, Turkmenistan. Completed in July 2025, this large-scale project marks a major step in the country's industrial diversification and push toward economic self-sufficiency.

Completion in July 2025 of a major project for an innovative glass factory in Ashgabat has accompanied winning international collaboration for the diversification and industrial self-sufficiency of Turkmenistan - all with tangible benefits for various economic sectors. Played its key role in this capital of the Central Asian country nestled between Iran, Afghanistan, Uzbekistan, Kazakhstan and the Caspian Sea, Vetromeccanica began to work with Rysgally Zähmet and ILK Construction back in July 2022 - all with the joint goal of significantly strengthening the glass industry nationwide. Now, besides its production capacity of 100 tons of glass products

per day, the plant stands out for its technologies and applied know-how. This includes being equipped with the most modern machinery sourced from Italy, Finland, Germany, Austria and Belgium.

IMPACT OF THE PLANT ON TURKMENISTAN

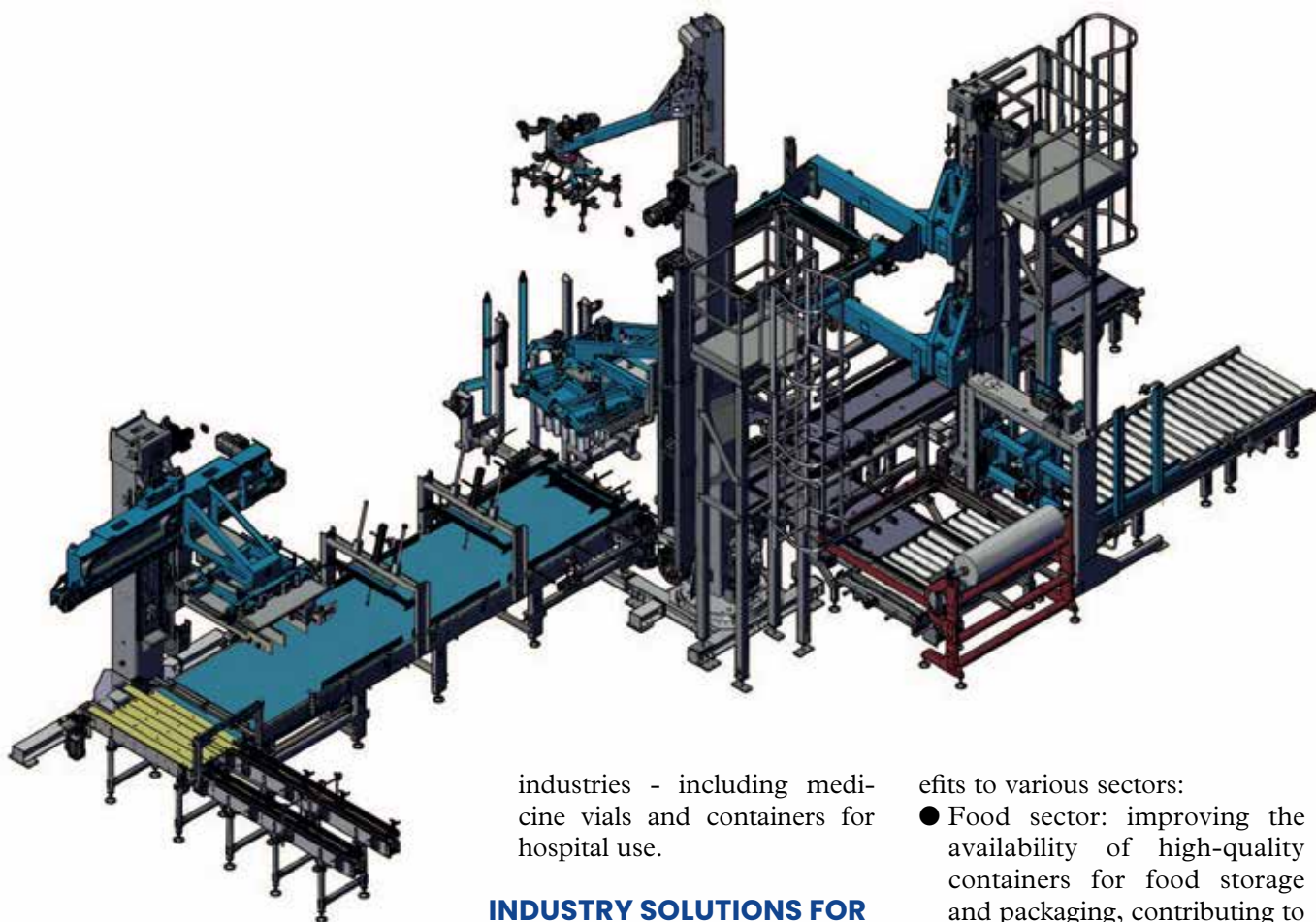
This project highlights the growing international collaboration and Turkmenistan commitment to modernizing and diversifying its industrial sector, while also promoting economic growth.

To meet the growing domestic and international demand for glass products across various sectors, a diversified production strategy has been implemented which will also help reduce dependence on imports and

promote the country's self-sufficiency. The new glass production plant in Ashgabat will not be limited to producing bottles for the food industry, but will also include a variety of formats intended for different sectors, including the medical and pharmaceutical fields.

A significant step towards strengthening the glass industry in Turkmenistan, contributing to:

- Increasing production capacity: the integration of new production lines will make it possible to meet the growing domestic demand for glass products and reduce dependence on imports.
- Expanding exports: the enhancement of production



industries - including medicine vials and containers for hospital use.

INDUSTRY SOLUTIONS FOR TURKMENISTAN

The introduction of diversified glass container production will have a significant impact on Turkmenistan's industrial diversification and self-sufficiency, bringing tangible economic ben-

efits to various sectors:

- Food sector: improving the availability of high-quality containers for food storage and packaging, contributing to food safety and the competitiveness of local products.
- Medical and pharmaceutical sector: providing bottles and containers that comply with international standards for the

will support the export of glass products to countries such as Uzbekistan, Afghanistan and Turkey.

- Increasing employment: the launch of the new plant will generate numerous job opportunities in the production and maintenance sectors.
- Enhancing environmental sustainability: the adoption of advanced technologies will help reduce the environmental impact of glass production, aligning with the country's sustainability goals.

The new plant will be capable of producing a diverse range of glass containers, including:

- Bottles and containers for the food industry, intended for the storage and packaging of food products.
- Bottles and containers for the medical and pharmaceutical





storage of medicines and other healthcare products, thus supporting the national healthcare system.

THE ROLE OF VETROMECCANICA

Vetromeccanica collaborated on this major project alongside Rysgally Zähmet, the Turkmen company responsible for the construction and installation of the plant, and ILK Construction - a Turkish company with international experience that supported the design and supervi-

sion of the works. Here, leveraging its specialized technical know-how in industrial plants, Vetromeccanica contributed by supplying advanced technologies for the entire cold end section, consisting of:

- 3 Cold End conveyors lines:
- 3 Palletizers
- 1 Horizontal shrink-wrapping machine for pharmaceutical products
- 1 Shuttle car
- End of line with hooding machine

Another distinctive feature of

Vetromeccanica's supply concerns a camera-based orienter consisting of:

- Videocamera orienting systems, A stand-alone machine with a dedicated electrical panel and signal exchange with the line. The system, which supports up to seven cameras, can orient up to 250 containers per minute at 180°, regardless of their shape: from banana-shaped flasks to asymmetric bottles.
- Supervision PC - with the new VM-Smart application realized by Vetromeccanica software automation department. ■



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