



## VIGAN: One-stop solution for various port needs

Founded in 1968, VIGAN is a Belgian manufacturer with a global reputation for its advanced pneumatic ship unloading equipment. Known for the quality and reliability of its products, VIGAN is supported by a team dedicated to precision and innovation.

The company's headquarters are in

Nivelles, Belgium, strategically located just 30km south of Brussels and close to the international port of Antwerp. This central European location facilitates worldwide shipping and enhances VIGAN's connectivity with top-quality suppliers across the region.

VIGAN initially focused on pioneering

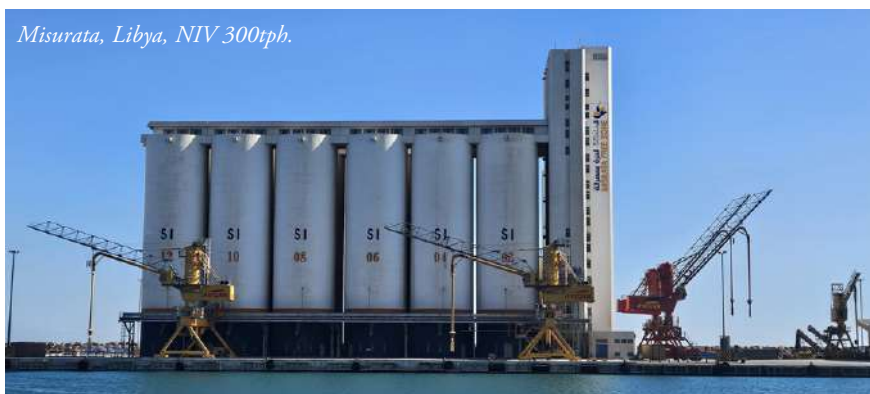
pneumatic unloaders based on a unique turbine concept. Over time, it has enhanced its equipment through new materials and advanced steering systems, which boost both capacity and efficiency. VIGAN's designs are free from outdated or unnecessary accessories, focusing instead on performance, reliability, and minimal maintenance. As a result, VIGAN machines rank among the most efficient in the market, delivering exceptionally low operating costs.

At the same time, VIGAN differentiates itself through advanced automation systems. While remaining cautious about unnecessary gadgets, the equipment integrates smart, robust automation that ensures optimized operation, seamless control, and adaptability to the most demanding working conditions.

VIGAN's commitment to continuous improvement and customer satisfaction has led it to diversify its range, making it a one-stop solution for various port needs:

- ❖ **Grain Pumps:** Compact and mobile, these pumps are designed for rapid deployment, with capacities of up to 250tph (tonnes per hour).
- ❖ **Pneumatic and Mechanical Ship Unloaders:** Available in fixed and mobile versions, these unloaders reach capacities up to 1,000tph, with

*Misurata, Libya, NIV 300tph.*



*Belgium, Roeselare Barge Unloader 200tph.*



mechanical options capable of handling 1,500tph.

- ❖ **Loaders:** Adaptable for bulk products and various vessel sizes, VIGAN's loaders achieve mechanical loading capacities up to 2,000tph.
- ❖ **Terminals:** VIGAN offers turnkey terminal solutions, including ship unloading/loading, storage, and bagging operations.

All metallic structures are manufactured from alloyed steels provided by a sister company, ensuring that VIGAN's production remains rooted in Belgium. Local manufacturing guarantees rigorous quality control and enables rapid after-sales support, underscoring the company's commitment to excellence.

In recent years, VIGAN has doubled its production capacity, enhancing its facility in response to growing demand. This expansion reflects VIGAN's dedication to long-term customer relationships, with many clients still using machines built over 40 years ago. All operations are conducted on its 12,000-square-metre site, where close collaboration between sales, engineering, manufacturing, and customer service teams ensures efficiency and streamlined communication. Each machine is pre-assembled in Nivelles, reducing on-site assembly times, precision and ensuring timely delivery.

VIGAN exports 99% of its equipment, with emerging markets primarily in rapidly growing regions. The company's expertise in emissions-reducing technology aligns with global environmental priorities, creating new market opportunities.

Like Belgian beer and chocolate, VIGAN's equipment is renowned worldwide, serving as a testament to Belgian quality and craftsmanship. The company has fostered strong partnerships with key players internationally and domestically, including leading partners such as Brabomills, Dossche Mills, Malteries Albert (Heineken Group), and Cargill, which operates facilities in Ghent and Antwerp. The recent installation of a pneumatic unloader at Maselis in Roeselare further solidifies VIGAN's presence in the domestic market, underscoring its reliability and strong client relationships.

VIGAN has recently installed two new continuous pneumatic unloaders NIV800 in Ghent, each with a capacity of 800tph. These machines mark a significant achievement for VIGAN. Several additional units for other clients worldwide have already been produced to meet growing demand.



*Ghent, Belgium, NIV 800tph.*



*Callao, Peru NIV800tph.*

### VERTICAL INTEGRATION

VIGAN's vertical integration ensures comprehensive control over all stages of production, a distinction from competitors who rely on subcontractors. This approach allows the company to oversee design, engineering, manufacturing, coating, and quality testing, guaranteeing exceptional standards:

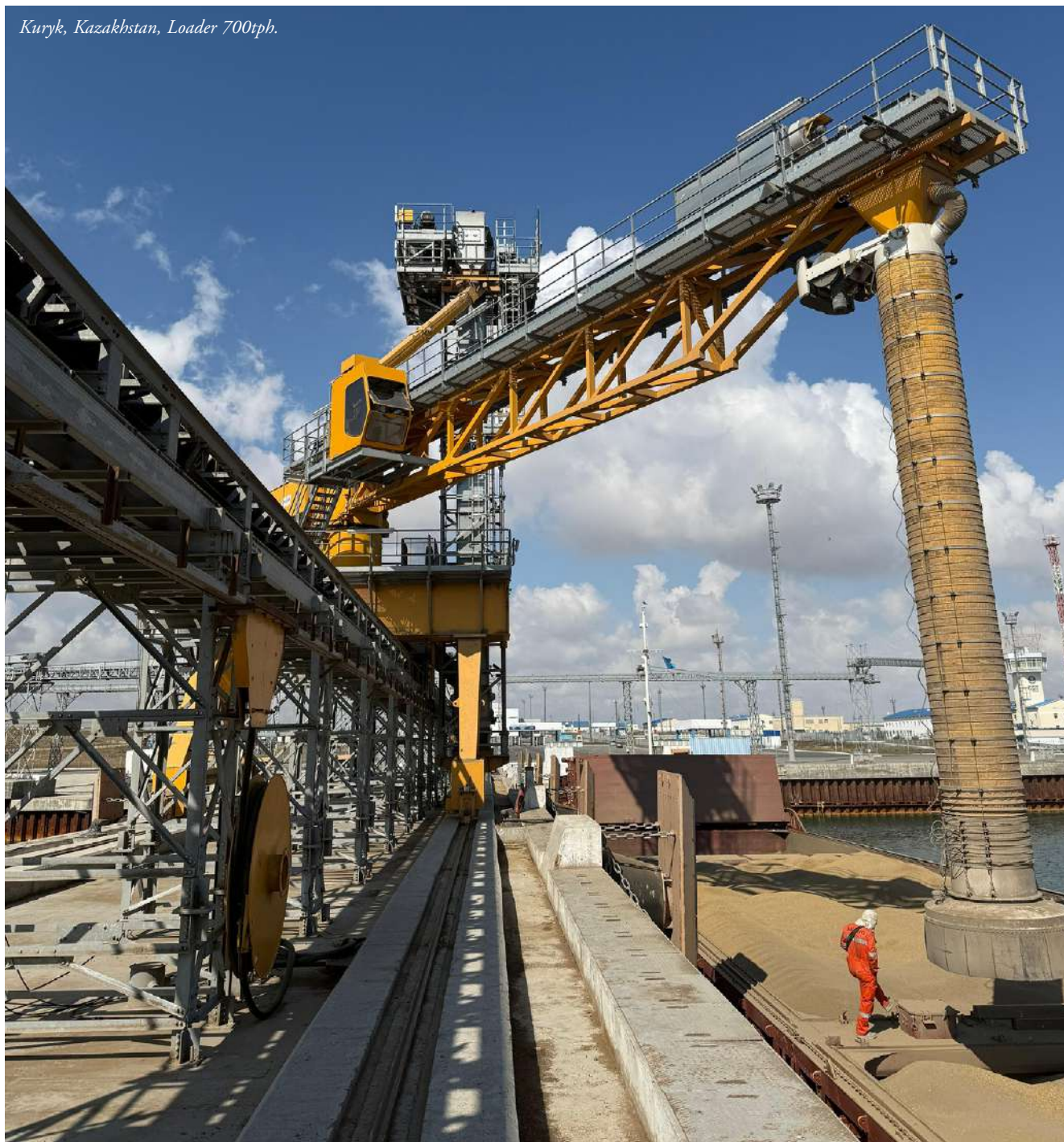
- ❖ Design and engineering of machinery;
- ❖ Manufacturing and assembly of mechanical components;
- ❖ Preparation, coating, and protection of structure;
- ❖ Instrumentation and control systems
- ❖ Electrical design and enclosure fabrication.

By pre-assembling and testing each machine in Nivelles, VIGAN ensures optimal reliability and durability, resulting in

equipment that often operates continuously for decades in demanding environments. The company's commitment to operational availability extends to careful vetting of new technologies, which are integrated only after rigorous testing for resilience and ease of use.

A dedicated department for electrical and electronic components exemplifies VIGAN's dedication to technological advancement.

Recently, VIGAN introduced a new generation of high-capacity pneumatic CSUs (800tph). Scaling up machine size involves addressing various factors, including turbine dimensions, piping diameters, and air-lock capacities. VIGAN has adeptly managed these challenges, demonstrating its responsiveness to evolving industry demands.

*Kuryk, Kazakhstan, Loader 700tph.*

## CONCLUSION

VIGAN stands as a beacon of innovation and reliability in the field of bulk handling equipment. With a rich history dating back to 1968, the company has consistently demonstrated its commitment to quality, customer satisfaction, and technological advancement. By maintaining a vertically integrated production process and investing in state-of-the-art facilities, VIGAN ensures that every machine meets the highest standards of performance and durability.

As it continues to expand its global footprint, VIGAN remains dedicated to addressing the evolving needs of its clients, offering tailored solutions that enhance operational efficiency in ports worldwide.

*VIGAN's factory in Nivelles, Belgium.*

With a strong emphasis on sustainability and a proactive approach to innovation, VIGAN is well-positioned to lead the

industry into the future, solidifying its reputation as a trusted partner for businesses in the maritime sector.