

# Port Terminals.

Turnkey

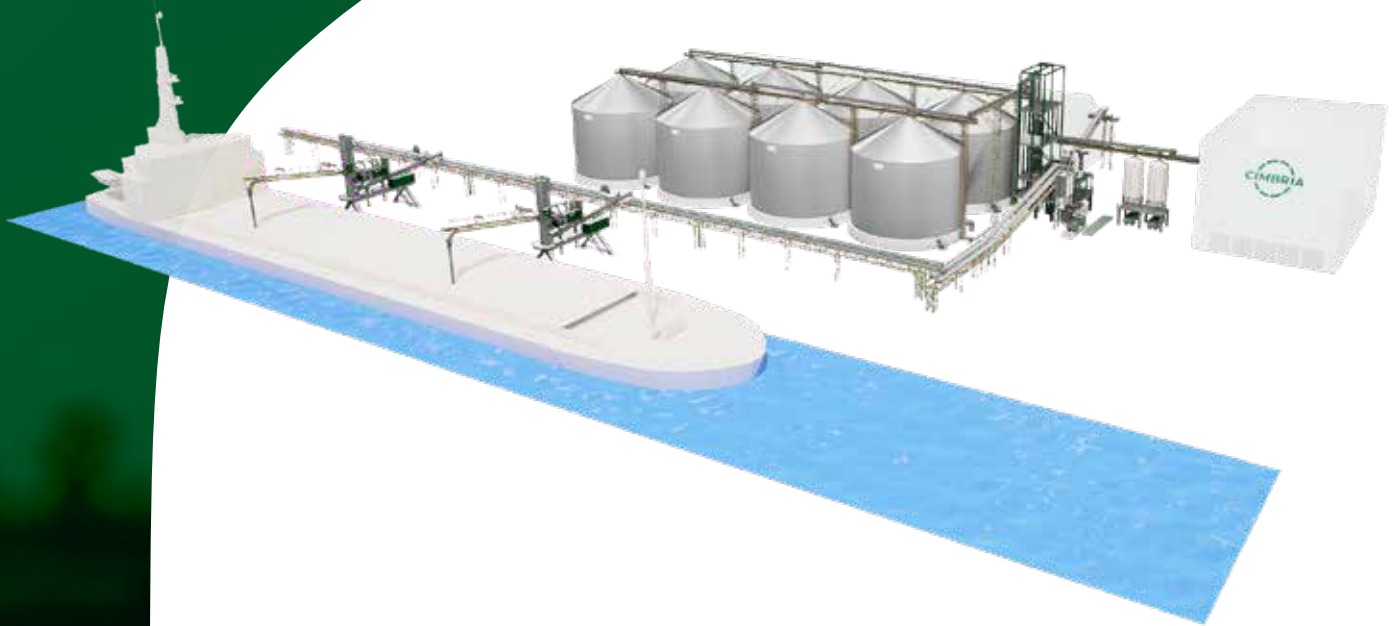


An expert  
at your side.



# **Our Experience. Your vision.**

Cimbria is more than the equipment we produce. We are professionals who thrive on building creative solutions to bring your vision to life. We've been doing it since 1947. We combine the right technology with the right team to bring it all together. Our purpose is your success. You can feel confident because you have an expert at your side – helping you grow into the future.



# Turnkey Solutions for Sea and River Terminals.

With thousands of complex installations from around the world, we have the knowledge and the experience to supply **turnkey port terminal equipment**, designed on your needs. Cimbria is with you every step of the way providing solutions engineered for high capacity and great reliability, to simplify your port operations and maximize your productivity.







# Moving High Volumes with Ease.

We are leaders in production of high-capacity loading and conveying equipment for agricultural and industrial products. Our extensive global experience with engineering solutions for port terminals has given us a unique understanding of the materials being conveyed to precisely calculate required capacity. All of our solutions are designed to be customized, reduce energy and minimize wear.



## Belt Conveyors.

Ideal for gentle horizontal conveying of bulk materials such as grain, pellets and seed, the belt conveyor is totally self-emptying and can be designed depending on materials being conveyed and the required capacity. Belt conveyors are manufactured in a modular system and can be delivered with optional equipment such as discharge car, top and bottom cover, oil resistant belt, multiple inlet points etc.



## Chain Conveyors.

Ideal for horizontal and inclined conveying of materials demanding a completely closed dustproof transport such as grain, pellets and powders, chain conveyors are available in various modular systems, with an extensive range of accessories.



## Bucket Elevators.

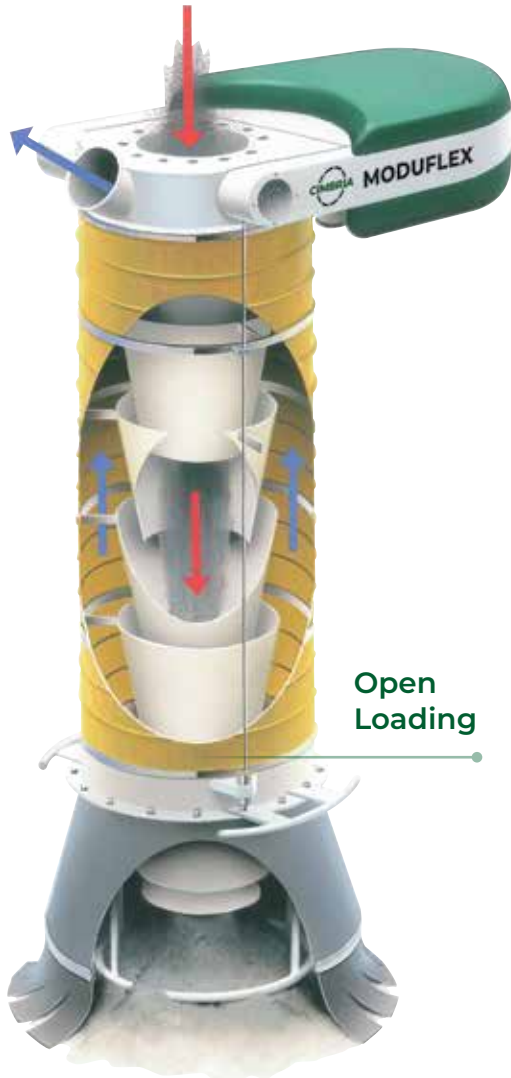
Ideal for vertical transport of materials such as grain, pellets, and powder, bucket elevators are highly resistant to wear and can be placed for indoor as well as outdoor use. They can be supplied with optional equipment such as various types of buckets and belts, dust aspiration connections, explosion relief panels, platforms, etc.





# Clean and Precise Loading.

Loading systems are key for port terminals to load and unload every kind of dry bulk material, including agricultural, industrial commodities and raw materials. Designed on purpose for handling high volumes, the Cimbría “Moduflex” range of products is the perfect loading solution for port terminals. Built with a heavy-duty modular structure, Moduflex loads ships as well as tanker trucks, flatbed trucks, open and closed rail wagons, and containers. It ensures fast loading, long-term durability, and resistance.



### SAFETY IN A CLEAN ENVIRONMENT

Outloading of cereals and bulk goods is associated with the risk of creating waste and dust, as well as the danger of explosion. These risks can have a negative impact not only on work safety, but also on the company's finances. Moduflex offers solutions to ensure dust-free operations on both closed and open systems, with specific outlets for all means of transport.

#### Closed system:

In a closed loading system the outlet nozzle rests on the tankers loading hatch

#### Open system:

In the open loading system the loading chute outlet rests on the product pile



### MULTIPLE OPTIONS, MAXIMUM FLEXIBILITY

With hundreds of solutions designed for loading any type of transport, Moduflex has the versatility to fill the trucks and trains connected to port terminals, with speed, required volume and no dust leaks.





# Storing is Key For the Long Run.

In port terminals, product storage is a key phase of the business. Whether the product comes from ships or from inland, the right storage maintains quality and prevents loss.



## Round Silos - High Volume.

Engineered with high-quality galvanized steel, round silos are durable and handle high loads. The bin's design promotes increased airflow. The temperature monitoring system ensures proper temperatures from the floor to the ceiling. Our bin sweeps make cleaning efficient.



## Flat Storage - Easy and Accessible.

Cimbria offers flat storage and aeration systems based on the specifications needed for your installation.



# Efficient Cleaning Solutions.

Efficient cleaning is critical to meet your expectations for quality and achieve your operation's goals. Cimbria's cleaning solutions are designed to manage the high volume your business demands, while maintaining the exceptional quality you expect.



## Drum Scalper.

The drum scalper is an important tool for ensuring the quality and purity of products. It consists of a rotating drum with a screen area that separates coarse impurities and foreign material such as stones, large pieces of straw, maize cobs, and other debris before further processing.



## Delta Mega Cleaner.

Cimbria's Mega cleaner will help you efficiently clean large volumes of seed/grain. With a spacious screen area, precisely matching stroke and frequency, and a highly efficient pre- and post-suction system, it is the right solution for optimal performance.





# Handled Products.

Cimbria's port terminal equipment is designed to provide maximum flexibility when handling a wide range of products, including grain and seed. By taking into account the unique characteristics of each product, port terminals are able to ensure efficient and safe handling, regardless of the specific type of cargo being transported.



Grains



Seeds



# Your Business Never Stops.

With our network of local partners, we offer exclusive after-sales service and qualified assistance to improve your operational efficiency and reduce downtime. Our solutions are supplied and installed by Cimbria's highly skilled technical staff. You can rely on them to assist you every step of the way, with in person training, remote assistance, and annual maintenance services. **Cimbria, an expert at your side.**



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OUR WEBSITE

## Automation and Control.

Cimbria port terminal installations combine in-house manufactured equipment based on core technologies with thorough expertise on material handling and processes to ensure the highest level of control and automation. **This gives you the confidence that your equipment will deliver peak performance and drive profitability for the life of your plant.**

Our software, the SCADA system, is tailor-made for operations, monitoring and alerts and it can be controlled by the operator from one or several locations. Programs can be saved and can be easily accessed.

Operating statistics can be set and monitored, enabling scheduled service and preventive maintenance to be carried out on time.



Cimbria.com

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