

Neuero Industrietechnik GmbH: advancing efficiency in cargo handling

*All photos: Neuero's
M300AL unloaders at the
Rio Tinto La Baie facility.*



Neuero Industrietechnik GmbH specializes in the design and manufacture of state-of-the-art pneumatic and mechanical ship-unloaders and loaders. Its equipment is tailored to handle a wide range of commodities, including alumina, grain, and

other bulk materials, catering to the diverse needs of its global clientèle.

RECENT PROJECTS: RIO TINTO LA BAIE, CANADA

One of Neuero's recent milestones is the

successful delivery of two Multiport A300AL pneumatic ship-unloaders for the Rio Tinto Safe & Flex project at its La Baie facility in Québec, Canada. This historic port, operating for over 80 years, manages an annual throughput of approximately



800,000 metric tonnes of alumina.

The M300AL units were specifically designed to meet Rio Tinto's stringent requirements for customized solutions, ensuring compliance with its operational standards and future scalability. Despite challenges posed by the Covid-19 pandemic, including disruptions in fabrication and assembly, Neuero's dedicated design and production teams ensured on-time delivery and exceptional quality.

The unloaders were transported almost ready for use via heavy-lift shipment from Germany to Canada. This approach dramatically reduced the need for extensive local operations and avoided interference with the facility's day-to-day business activities.

Rio Tinto's feedback highlights the success of this project: "Neuero's M300AL

unloaders exceeded our expectations, delivering above-nominal discharge rates with outstanding reliability and low operating costs. The collaboration was seamless, and Neuero's competence was evident throughout the project. Technical specifications, schedule, cost, and performance were all on or above target," said Rio Tinto, La Baie, Québec

The Aluport A300 units also incorporate an integrated continuous scale system and are designed with future autonomous unloading operations in mind, demonstrating Neuero's commitment to innovation and adaptability.

TECHNOLOGICAL ADVANCEMENTS

Neuero continues to push the boundaries of cargo handling technology. Its latest developments focus on:

❖ Automation and digitalization:

implementing advanced control systems for enhanced operational efficiency and safety.

❖ **Energy efficiency:** designing equipment to reduce energy consumption while maintaining high throughput.

❖ **Sustainability:** developing eco-friendly solutions that minimize environmental impact, including dust suppression and noise reduction features.

MARKET LEADERSHIP AND COMPETITIVENESS

To remain at the forefront of the industry, Neuero invests heavily in research and development, fostering innovation that addresses the evolving needs of its customers. Neuero's global service network ensures prompt support and maintenance, reinforcing the company's reputation for reliability and customer satisfaction.

COMPANY BACKGROUND

Founded in 1914, Neuero Industrietechnik GmbH has a legacy of over a century in the bulk material handling industry. Its commitment to engineering excellence and customer-focused solutions has established us as a trusted partner to leading industrial players worldwide. This information provides valuable insights into Neuero's capabilities and innovations which are shaping the CSU market.

