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LIGHTENING LOADS

WORKING IN
PARTNERSHIP WITH



JAN TROMP
TRANSPORTGROEP

Tromp Transport transform trailer to improve air cargo handling operations



**"We are extremely pleased with the
installation of the new MRS-PCR system "**

Jan Tromp
Managing Director

introduction

Joloda Hydraroll is no stranger when it comes to helping businesses operating Road Feeder Services (RFS) with solutions to help make loading and unloading air freight more efficient, more effective and safer.

We've recently helped the well-known Netherlands-based logistics provider, Jan Tromp Transport Group, with the installation of our new Modular Rollerbed System with Powered Cargo Roller (MRS-PCR).

In this case study, we discuss the challenges they were facing and how they looked to address and solve these with the MRS-PCR system. We'll review the improvements and the added benefits that the system brought to Jan Tromp Transport Group's operational efficiency and safety.





the client

Jan Tromp Transport Group has been a leading provider of air cargo transport and storage solutions since 2014. With a strong specialisation in time critical and high-tech machinery transport within the semiconductor industry throughout Europe. Their highest quality standard transport fleet features air suspension and air conditioning for the safe transport of vibration-sensitive, cold and fragile goods.

Their team of drivers are certified in the safe handling of air cargo, and they have their own in-house, air freight security consultant. Their planning department works closely with clients to provide a tailored solution to transport challenges around the clock, 24/7, 365 days a year.

To improve their loading and unloading process, they sought a new trailer and new loading and unloading system that would streamline operations, improve safety, and increase efficiency.

the challenge

Jan Tromp Transport Group faced the challenge of transporting high-value, sensitive air cargo containers for one of the leading semiconductor manufacturers, ASML, from their factory to airports.

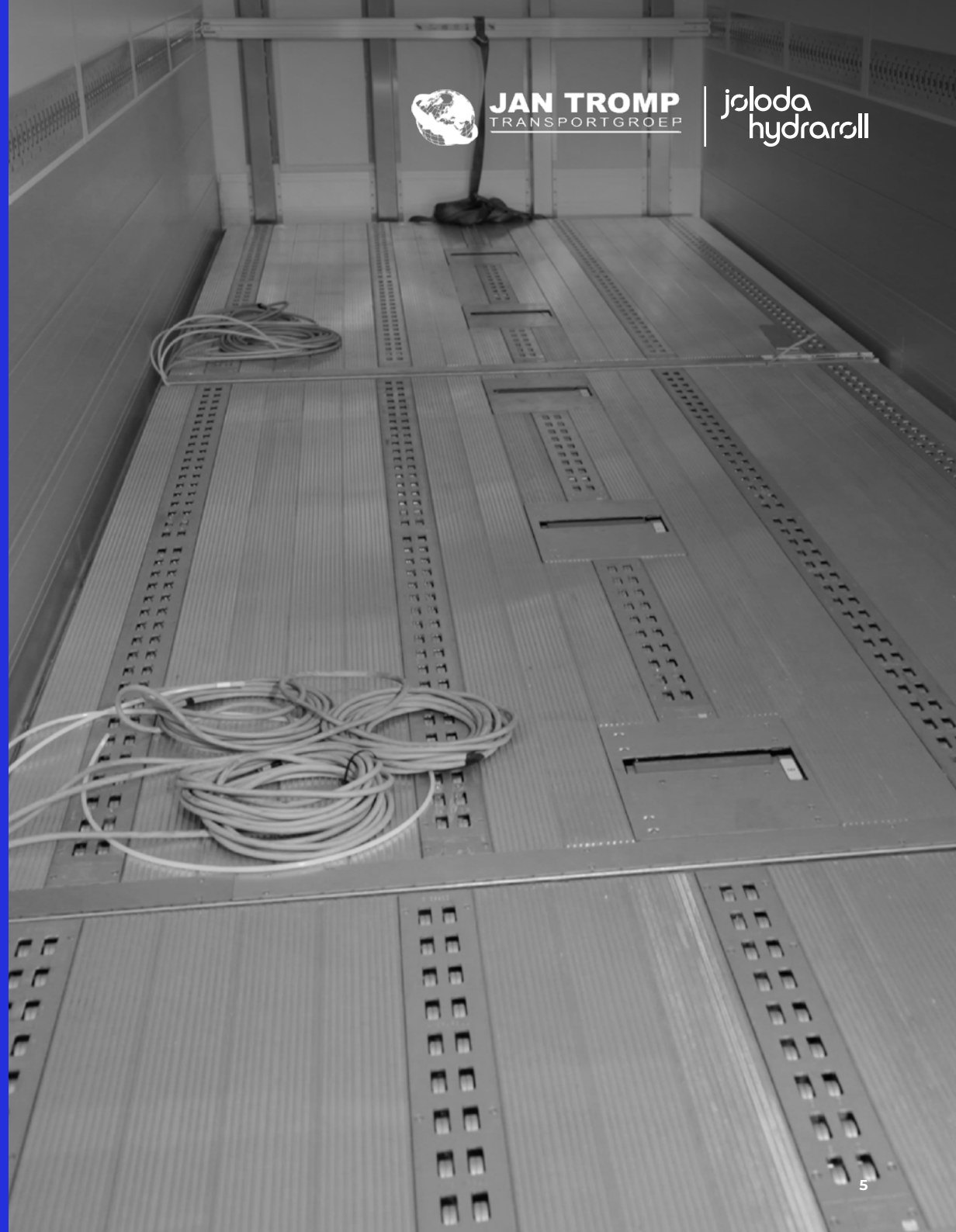
Given the delicate nature and high value of the semiconductor equipment, automated loading was essential to ensure the safe and controlled movement of the air cargo containers whilst being loaded and unloaded from the trailer.

Their challenge was to find a solution that would allow for efficient loading and unloading of air cargo while maintaining the safety and integrity of the sensitive machines during transit.



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the solution

The Modular Rollerbed System with Powered Cargo Rollers (MRS-PCR) provided the perfect solution for Jan Tromp Transport Group's needs.

The MRS-PCR system enabled the group to use standard trailers while ensuring the secure and controlled handling of the air cargo containers.

This compatibility allowed Jan Tromp Transport Group to retain all trailer security certificates, approvals, and insulation measures, thereby maintaining their high standards of safety and compliance.





"It has enabled us to use standard trailers, without modification to handle all kinds of air freight with precision and make loading safer for our drivers."

Jan Tromp
Managing Director



system features



Joloda Hydraroll's Modular Rollerbed System with Powered Cargo Rollers (MRS-PCR) is the ideal solution for businesses operating Road Feeder Services (RFS).

1. Modularity - The system's modular design allows it to be easily installed and removed without the need for extensive modifications, enabling businesses to retain build integrity and compliance certifications.



2. Slimline Design - The system's low-profile design (with a height of only 70mm) can be retrofitted into any standard trailer, meaning it can load and transport most varieties of air cargo.

3. Safety Enhancements - Powered loading eliminates reliance on physical pushing/pulling, which reduces the risk of operators injuring themselves and heavier loads to be loaded safely.



4. Pneumatic Operation - The system pneumatically lifts loads onto rollers and enables loading and unloading without the use of forklifts.



5. Handling Oversized Loads - even when handling oversized cargo such as aerospace engines, boosting operational productivity.



the benefits of implementation

The implementation of the Modular Rollerbed System with Powered Cargo Rollers provided Tromp with numerous tangible benefits:



1. Increased Efficiency

Semi-automated loading and unloading processes have significantly reduced turnaround times, leading to improved operational efficiency.

The system can load a 13.6m trailer in just 90 seconds.



2. Improved Productivity

Faster and more efficient air cargo has enabled them to increase productivity and meet customer demands more effectively.



3. Enhanced Safety

The powered cargo rollers mean that loading is controlled which reduces the risk of operators injuring themselves or cargo being damaged.



4. Flexibility & Cost Savings

Automation decreased reliance on manual labour for cargo handling.



the feedback



Jan Tromp
Managing Director

Managing Director, Jan Tromp, Jan Tromp Transport Group, stated:

"We are extremely pleased with the installation of the new MRS-PCR system. It has enabled us to use standard trailers, without modification to handle all kinds of air freight with precision and make loading safer for our drivers.

This will no doubt have a positive impact on our operations. "



Bart Slood
Sales Manager

Bart Slood, Sales Manager for Air Cargo Equipment, Joloda Hydraroll, commented:

"We are thrilled that the new MRS-PCR system for Jan Tromp Transport has been successful and they're happy with the installation.

This system is 100% right for their loading requirements and will have a positive impact on their operations."



conclusion

The installation of our Modular Rollerbed System with Powered Cargo Rollers (MRS-PCR) at the Jan Tromp Transport Group has been, and will prove to be, a successful investment.

The system's design is innovative and will revolutionise air cargo handling processes, which will result in increased efficiency, enhanced safety, and improved productivity.





if you have any questions, please get in touch!



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Joloda Hydraroll...
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