



LaseTDS - Twistlock Detection System

Product module *CEWS Container Logistics*



The solution LaseTDS - Twistlock Detection System is built to ensure a fully automated loading and unloading of containers from or to truck-trailers in ASC transfer areas.

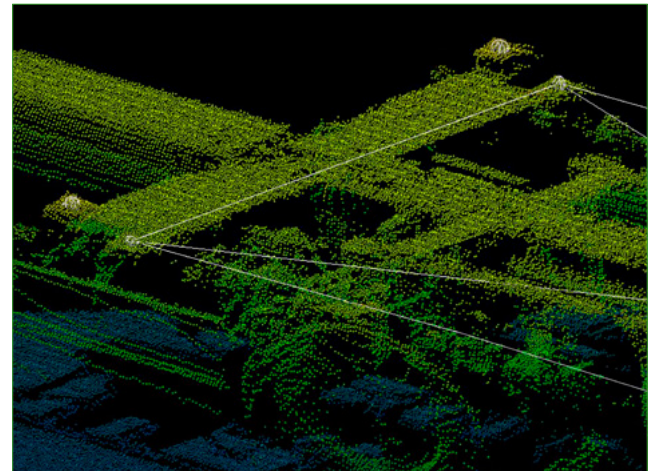
At this measuring system a 3D-Laser scanner from the product range of the LASE3000D-Series is installed on a steel pylon (height: approx. 7 m) and is located between two transfer lanes of the shore-based transfer area. In a transfer area with a size of for example six lanes, three 3D-Laser scanners are required.

The laser scanners are connected via an Ethernet-interface with a appropriate LASE Control Unit [LCU] which operates with the application software LASE CEWS Basic and a specific LaseTDS software. Then the measuring results for the unloading position are communicated to the ASC control.

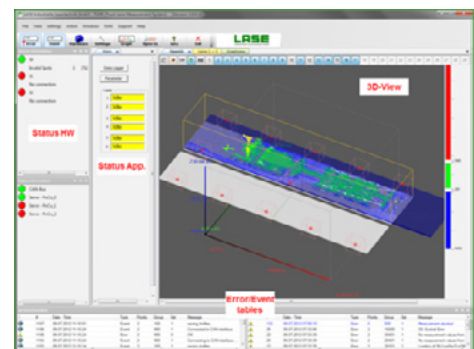
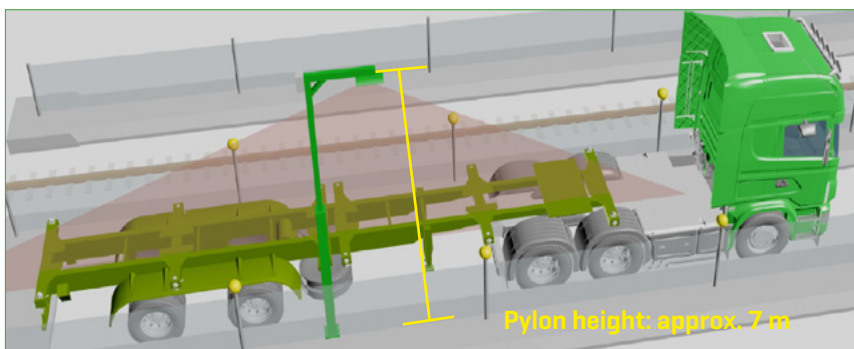
The features of this intelligent and innovative solution allow an accelerated and fully automatic container handling as well as a gentle treatment of the materials through highly accurate soft landings on the trailers.

Customer benefits:

- Precise twist lock detection on the trailer
- Handling of up to 2 lanes per scanner
- Calculation of the center position and skew
- Obstacle and error recognition
- Results processed to ASC control system
- Efficiency improvement in shore-based areas
- Savings in labor costs



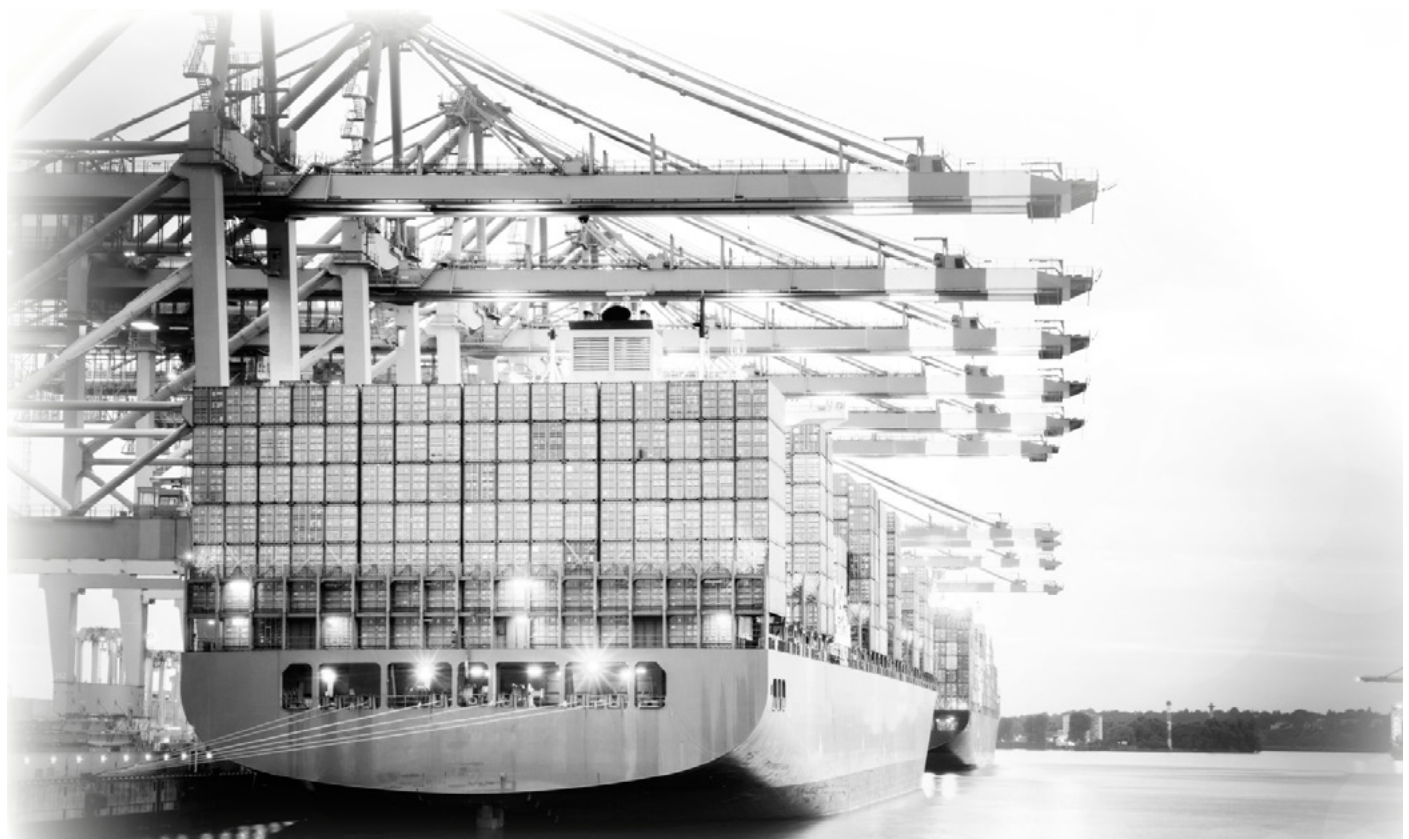
Function principle



LASE offers innovative and productive solutions by combining state-of-the-art laser hardware technology and sophisticated software applications. We deliver a broad range of precise and reliable 1D, 2D and 3D laser systems, which can be used for several measurement tasks.

We look to develop long-term relationships with our customers to drive projects forward and help improve safety and efficiency at a huge diversity of applications worldwide through working closely with them.

COMPETENCE, CREATIVITY AND PASSION lead us to be the ideal partner for your requirements. Convince yourselves of our broad portfolio of innovative products and solutions on our corporate website.



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Note:

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