



LaseSPC - Straddle [Carrier] Positioning Crane

Product module *CEWS* Container Logistics



This application LaseSPC - Straddle [Carrier] Positioning Crane is a 2D measurement system consisting of two 2D laser scanners mounted each at the water- and the landsided gantry.

The straddle carriers are equipped with reference markers on all four legs and after the straddle carrier is under or approaching the crane, the measurement system detects them and calculates the exact position of the straddle carrier (SC).

With the use of LED displays, the straddle carrier driver receives a feedback about his relative position to the crane centre and the final target position. Possible corrections of the position will be shown as numeric displacement information in order to move forwards or backwards.

Furthermore, the information of the straddle carrier will be hosted to the crane control system in order to prevent the hoist lowering into the lane where the straddle carrier is. The system offers an exact positioning of straddle carriers and is even applicable for multi-lane operations, whereby two straddle carriers can measure at the same time.

This innovative solution accelerates container handling operations using straddle carriers in ship-to-shore (STS) operation areas.

The measurement system by LASE is applicable for an exact SC positioning and is applicable for multi-lane operations with up to two Straddle Carriers simultaneously.

Customer benefits & features:



Highly exact positioning of straddle carriers under STS cranes



Applicable for multi-lane operation [max. 2 x Straddle Carriers at the same time]



Accelerates the handover of the load



Retrofittable

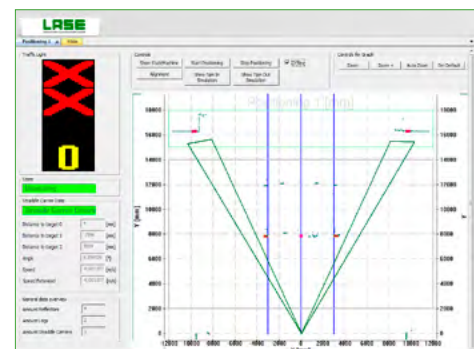
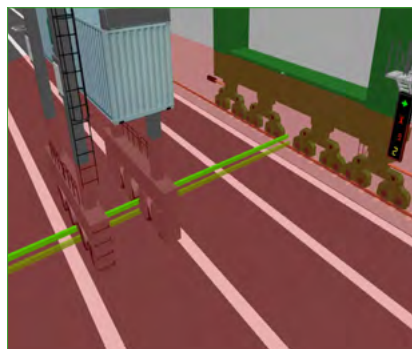
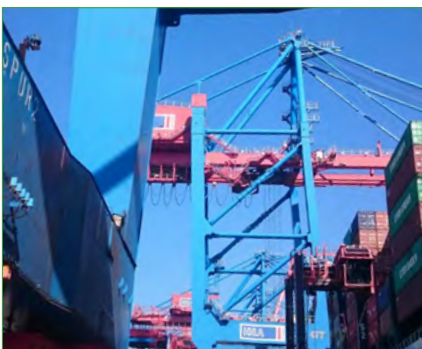


Easy feedback over LED display to reach target position



Intuitive commissioning and maintenance tools

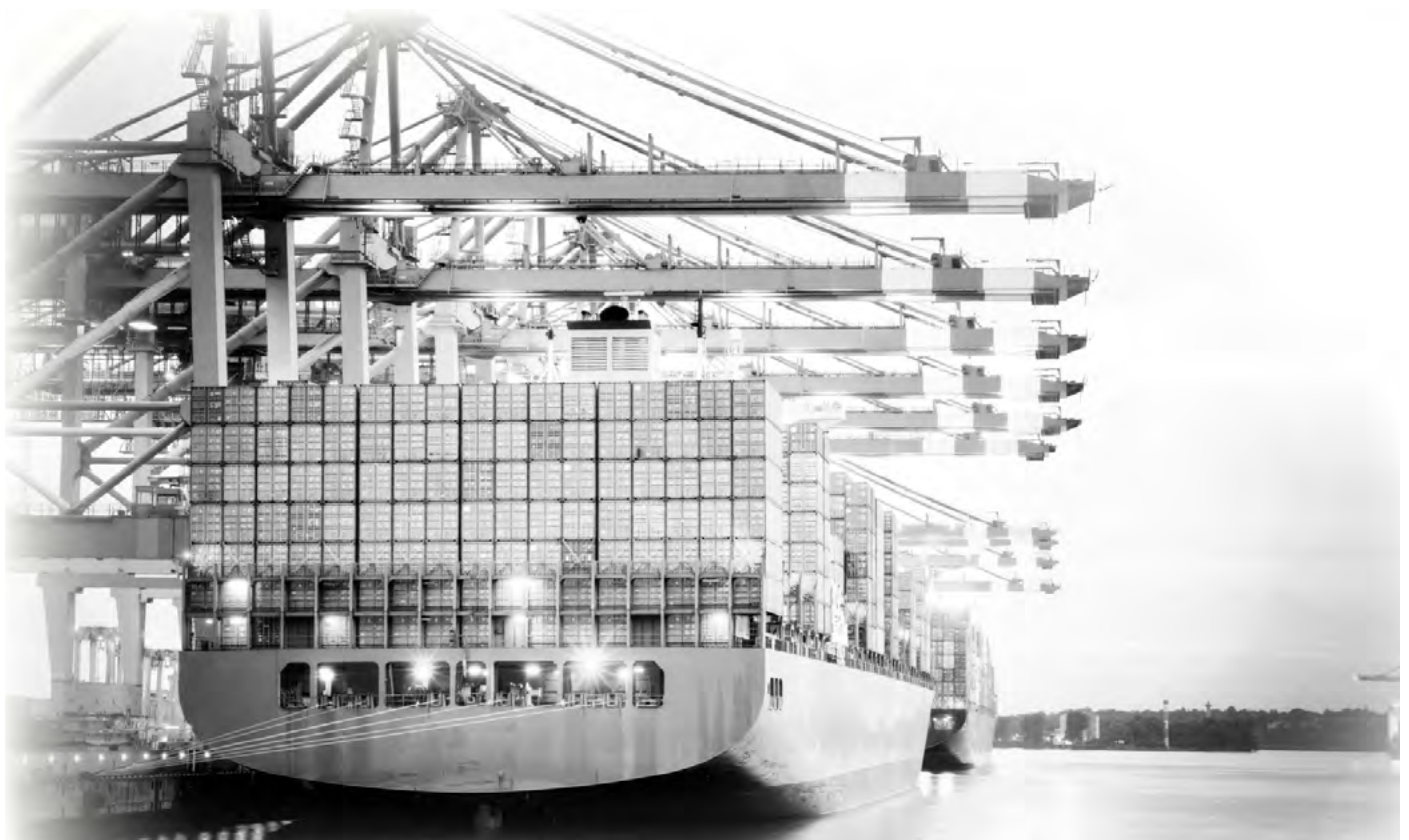
Function principle



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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