product data sheet

LaseAFM-2-MB

AUTOMATIC FREIGHT MEASUREMENT

LOGISTICS INDUSTRY

Thanks to the precise, multi-dimensional recording of freight dimensions, the LaseAFM-2-MB system ensures automated and time-saving work processes in the area of in-house logistics or shipping. Additional options, such as high-resolution image documentation, offer maximum flexibility.

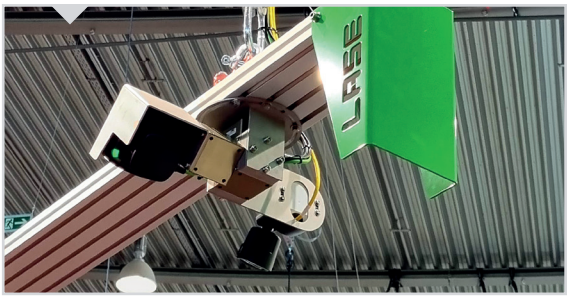
THE MEASUREMENT SYSTEM

LaseAFM-2-MB includes two high-precision 3D laser scanners that scan the dimensions and volumes of freight items in just a few seconds. The data is transferred to the customer's warehouse management and/or merchandise management system via a customized interface and is immediately available there for further processing.

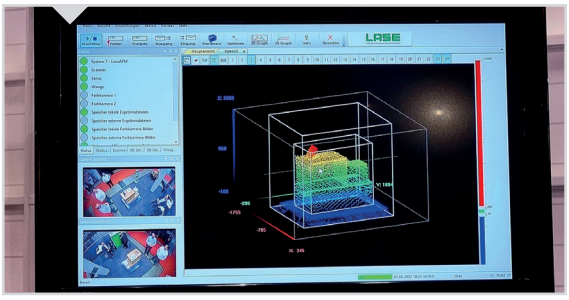
The additional use of modern HD cameras enables high-resolution image documentation of all freight items and ensures complete freight information and protection against complaints regarding damage.

The laser scanners (and optional HD cameras) are mounted on a beam diagonal suspended from the ceiling above the measuring station. This means that the measuring system does not interfere with the travel paths of forklift trucks or industrial trucks.

The automatic, laser-based recording of volume, dimensions, weight, freight ID, and image data rules out manual or transmission errors in the documentation and ensures reliable and complete data.



The high-precision 3D laser scanners are hanging from the ceiling.



Evaluation in seconds: the data is transmitted directly to the merchandise management system.

THE FEATURES

- Measuring system suspended from the ceiling
- Automatic dimension and volume measurement
- Integration into existing IT system landscape
- Applicable for „standard pallets“ and bulky/unit loads

THE BENEFITS

- Fast and efficient
- High accuracy
- High-resolution image documentation (camera module)
- Automatic weight recording (module weight)
- Freight identification (module ident)
- Saving of personnel resources
- Elimination of manual man-made error

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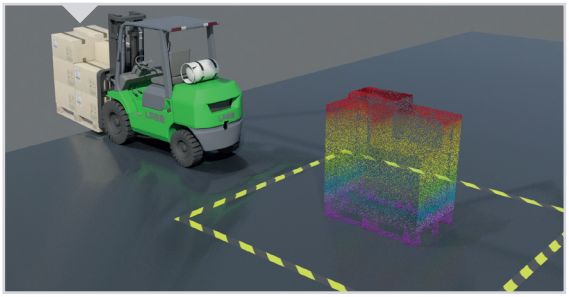
THE FUNCTION PRINCIPLE

The laser scanners are mounted on a beam diagonal suspended from the ceiling above the measuring station.

The cargo is placed in the designated measuring area. The measurement takes place within a few seconds.



With the 3D profile created, the dimensions and volume of the cargo are determined.

Scan the QR code with your mobile phone. Discover the product video and more innovative solutions from LASE!

GLOBAL PLAYER FOR

LASER MEASUREMENT SYSTEMS

For more than 30 years, LASE Industrielle Lasertechnik GmbH has been the global contact for high-precision and robust laser measurement technology for the industrial sectors port, bulk material handling, steel and logistics. With our 1D, 2D, 3D and multi-layer sensors as well as in-house developed applications, our systems stand for more safety and efficiency. Our goal is to drive the automation of industry with easily retrofittable solutions. With 30 offices worldwide through subsidiaries and partners, we are always at your side.

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