



LaseBVB – Bulk Volume Bunker

Product module **CEWS** Bulk Volume



The application **LaseBVB – Bulk Volume Bunker** is a highly precise three-dimensional measurement system especially developed for measurements in bunker storages.

In order to apply this measurement system a 3D laser scanner from the **LASE 3000D Series** is installed above the bunker or box and performs a three-dimensional scan of the material in the storage area. Out of the obtained data the **LaseBVB – Bulk Volume Bunker** measurement system calculates the volume and the profile precisely.

The system can be operated intuitively due to an user-oriented dialogue control and configuration wizards for a simple commissioning. The software analyses the raw data and divides the measured volume into a grid pattern. Then the current filling level of each single field is transferred to the process control system. By this information the process control system automatically recognises the removal/supply of material. Important state messages are logged and displayed clearly for additional documentation purposes. For an integration in production plants all common interfaces are available, too.

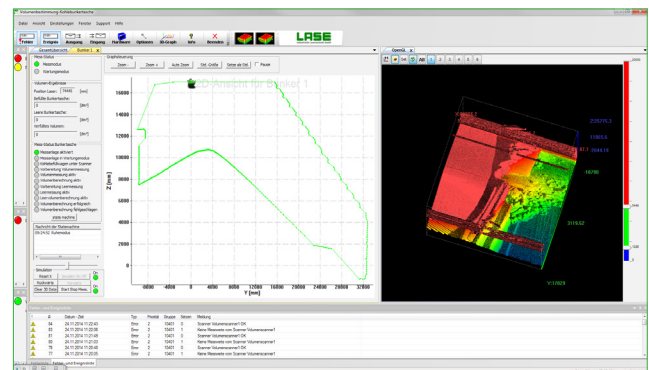
The application has a high versatility and can be used for volume and profile measurements in several types of bunker storages. This specific software product derives from the product line **CEWS Bulk Volume** Module.

APPLICATIONS & FEATURES:

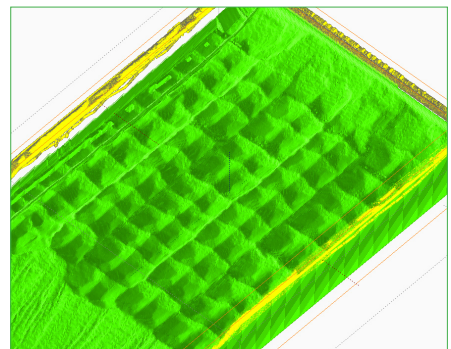
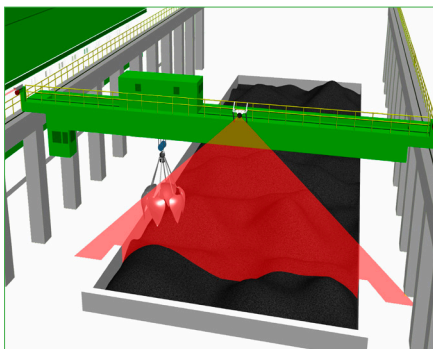
- Highly accurate bunker volume and profile measurement
- Bunker measurement for inventory purposes
- Enables full process optimisation
- Applicable in bulk storages/bunkers like cement clinkers, power plants or incinerators
- Ensures automated pick and drop of bulk material
- 3D visualisation of measurement data

CUSTOMER BENEFITS:

- Optimisation of material distribution and dispatching
- Reduced effort through continuous inventory
- Usable as calculation basis with regular status reports
- Improved computer-aided quality assurance



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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