

LaseCPY

COIL PROFILING YARD

The LaseCPY measuring system measures the position of coils in the crane, trolley and height directions in a warehouse or outdoor storage facility. It consists of one or more 2D laser scanners, depending on the total width of the warehouse or crane span. The system can be implemented in automated coil yard systems.

THE MEASUREMENT SYSTEM

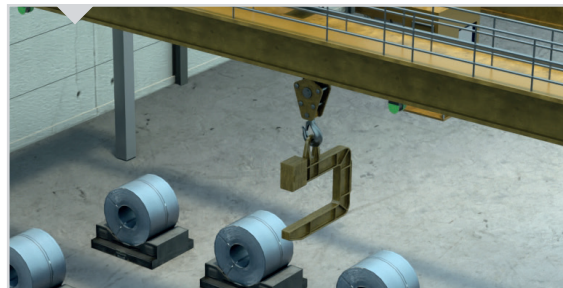
The laser scanners are installed on the crane trolley or the crane bridge girder. The measurement information is evaluated in the LASE application software.

The crane moves to a start position and initializes the LASE measurement system.

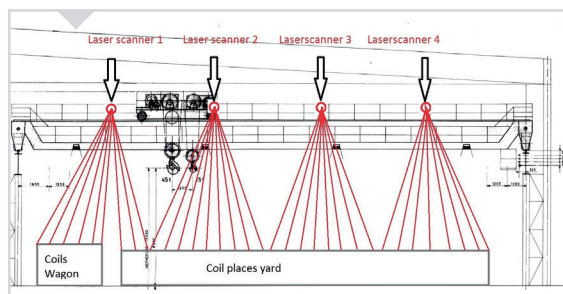
Both the scan data from the laser scanners and the current crane position are recorded and collected during the crane traverse motion.

After the crane has passed the complete warehouse, the processed measurement results (position of all coils in X, Y and Z direction, as well as their dimensions) are sent to the crane PLC. The position data is also forwarded to the inventory control system.

With the help of this information, the ERP system generates the individual travel commands and continuously checks the warehouse image.



The laser scanners are installed on the crane trolley or the crane bridge girder.



See how it works: The laser scanners detect the stored coils and the wagons.

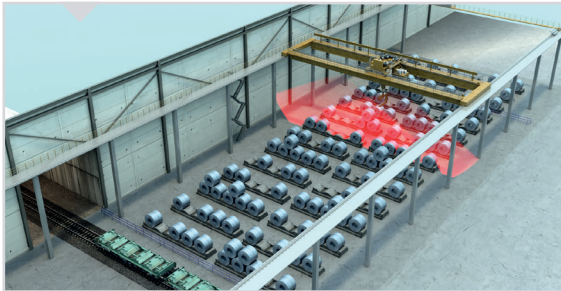
THE FEATURES

- ✓ Automated crane handling
- ✓ Measurement of coil dimension in x, y and z-axis
- ✓ Robust measuring technology

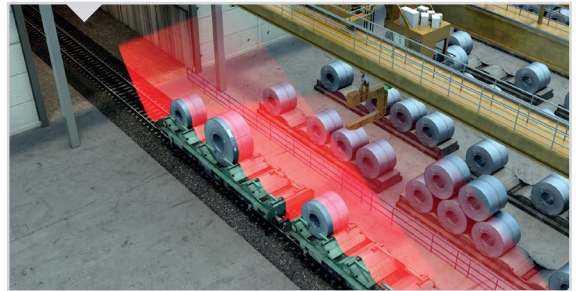
THE BENEFITS

- ✓ Exact positioning of coils and coil pits
- ✓ Damage-Free coil handling
- ✓ Fully automatic loading and unloading in the yard

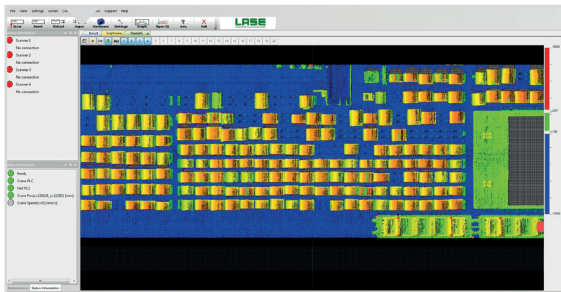
THE FUNCTION PRINCIPLE



The sensor scans the profile of the coils during crane travel.



The coils on the wagon are also recorded.



User-friendly software: You get an overview of the most important data.

WATCH
THE
PRODUCT
VIDEO



SCAN ME



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.