



LaseSTR – Slab Tracking Roller-table

Solutions for Steel Products



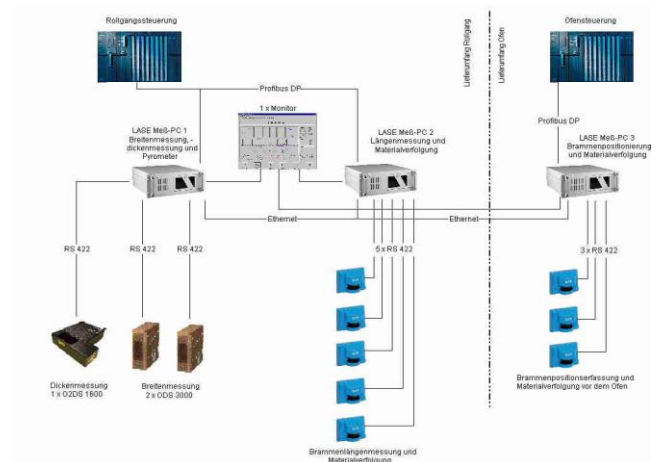
A continuous monitoring of slabs on a cold roller table is possible with the LaseSTR – Slab Tracking Roller-table measurement system.

It tracks the slabs on the roller table until they are pushed into the furnace. The measurement system, based on laser scanners (in protective housings), is installed alongside the roller table and can be applied to any length. The measured data will be sent from the laser scanners via an Ethernet Interface to the measurement PC specific software. The application software does the following operations:

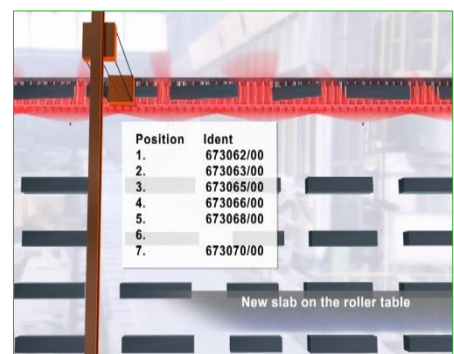
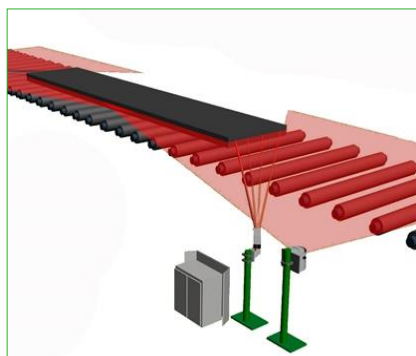
- Measuring data reading of scanners (distance & angle)
- Segmentation
- Listing slab ID numbers and head/base coordinates
- Management and notification of malfunctions
- Communication with material scheduling via TCP/IP
- Generate the target layout for the roller table

Features & Customer benefits:

- Fast and exact slab position recognition and monitoring
- Approximate real-time position data
- Clear product identification – no material confusion
- Trouble-free tracking even while queue building
- Robust and reliable measuring technology



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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