

APPLICATIONS

ALL FROM ONE HAND



FEAL
Industrial Solutions

Slab position measuring



Short description:

With this measurement system slabs can precisely be positioned before being pushed into furnace. The laser measurement system scans in a level of 140 mm above the roller table.

When the slabs move or lie in the scan field their position is measured from the head and long side. The raw data from the laser scanner (distances and angle) are sent to the LASE measurement PC.

The PC evaluates the measurements and the compressed information for the slab head and slab feed-position are created. This information enables the superior roller control system to place the slabs very accurately.

It is possible to determine the position of a long slab or two short slabs in front of the furnace.

Advantages of this measurement system:

- Automatic Entry operation
- Protection of the furnace against damage of the carrier mechanism and the furnace wall by exact positioning
- No material mix ups by verification of the slab length

Measuring System Features:

- Fast and precise slab position measurement
- Approximate "real time" position data provided
- Absolute value measurement
- Rugged measuring technology
- Recording of slab measurement at any position on the roller table

