

APPLICATIONS

ALL FROM ONE HAND



Continuous caster / slab width measurement

FEAL
Industrial Solutions



Short description:

Two laser measurement systems are installed at both sides beside the roller table. This measurement system consists of two triangulation lasers of the ODS-Series and one PC. Data from the laser systems are transmitted via a RS 422 interface to the PC. Every 10 milliseconds the width is measured. The data needed for slab position is linked within the PC. After the complete cycling of slabs through the width measurement all results are transmitted to the supervisory process control system via Profibus or Ethernet interface. Slab data is stored for 30 days so that a subsequent analysis can be made at any time.

Measurement System Features:

- Width measurement on Caster Slab rolling table
- Recognition of wedge shape
- Calculation of min., max. and average values
- Storage of measured data for 30 days
- Comfortable calibration
- Temperature compensation (calculation of cold size)
- Profibus or Ethernet interface to client

