

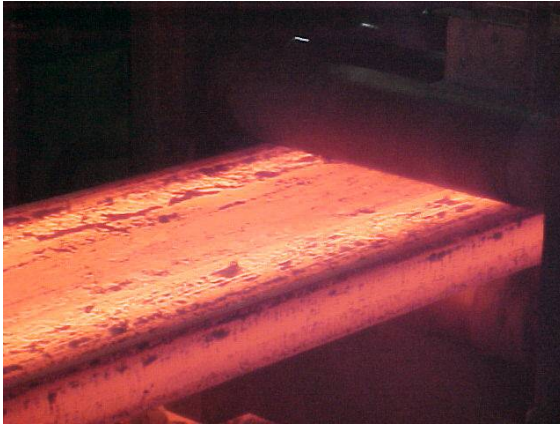
APPLICATIONS

ALL FROM ONE HAND



Slab width and profile measurement

FEAL
Industrial Solutions



Short description:

The slab width and profile measuring system consists of two 2D triangulation laser scanners which are mounted on both sides of the roll table. The measuring system measures on the long edges of the slabs. By knowing the distance of between both systems and the actual measurement, the slab width and the profile can be calculated. The evaluation takes place in a industry PC.

Measurement System Features:

- Calculating the maximum, minimum and average width of the slabs
- Measurement of slab contour
- Correction of misalignment
- Calculation of wedge and saber shape
- Usable after Casting machine or in hot strip mill

The slabs can be drive through the measurement system diagonally, the software compensates the misalignment automatically. In addition, the shape (wedge and saber shape) of slabs can also be determined.

For this application triangulation scanners of O2DS product range are used which can also measure accurately hot slabs in millimeter accuracy.

