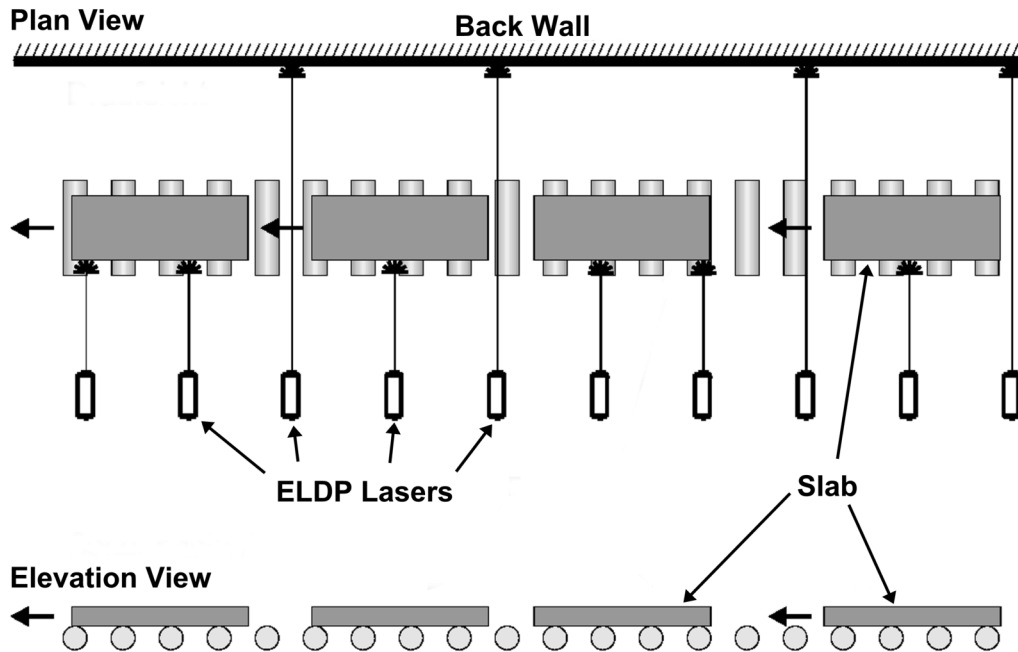


ELDP LASER DISTANCE METERS - APPLICATION NOTES

Application: Detection of slabs on roller tables



Description: Slabs are transported over roller tables, e.g. from a pusher furnace to the press. Each slab is custom-made to specific requirements and consequently has to be tracked throughout the process.

Solution: A distance sensor is used as an intelligent detector, follows the position of the blooms and determines whether one has been removed.

Advantages:

- measuring of cold and hot slabs
- remote measuring
- no receiver necessary
- simple installation and adjustment
- long distance to slabs, no special cooling necessary
- high unit reliability with self-test and reference measuring on background
- a person or object between the sensor and the roller table is detected and displayed via a second set-point
- simultaneous measuring of the distance between the slab and the sensor means that misplaced slabs are detected.

MODULOC[®] Technology - The Total Laser Solution