

APPLICATIONS

ALL FROM ONE HAND



Slab and heavy plate measurement (on portal robotor)

FEAL
Industrial Solutions



Short description:

The slabs or heavy plates are placed by crane on the measuring table (measuring table length = 24m). After unloading the measuring robot (on which four laser scanners of the LMS400 serial are installed) is driving over the objects (slabs or heavy plates).

The measurement data from the laser scanners are combined with the position data from encoder (machine longitudinal position), so that a 3D image of the objects on the measuring table can be generated.

Measurement System Features:

- Measure the length, width and height of slabs and heavy plates
- Measurement data are the input information for an Ultrasound check system
- High accuracy
- Complex calibration functions are realized in the software

Then the LASE measuring system calculates the length, width, height, the edges and location of the objects. These information can be used by ultrasonic measurement system to position and move the ultrasonic measuring head accurately over the object.

