

APPLICATIONS

ALL FROM ONE HAND



FEAL
Industrial Solutions

Billet/bloom Automatic Cut off



Short description:

In a continuous caster plant the slabs or billets are separated and cut to order length from the strand by torch cutting. The length of the slab/billets is customized. The torch-cutting drive is secured to a trolley that rides along with the strand during cut-off.

Conventionally this positioning takes place either by means of inaccurate encoder or measuring wheels, that are subject to high wear and regularly need replacement.

Measurement System Features:

- High accuracy - high dynamics
- Wear-free measurement
- High working reliability in rough environment
- No initialization necessary

Solution: Two Laser Distance Sensors measure the relative situation between slab/billet face and the torch-cutting machine. With this distance information a SPS controls the torch-cutting to the desired cutting position.

As a rule, the torch-cutter waits in the bottom return position and clips itself to the product when reaching the desired material length for the cut.

Suitable protection and cooling housings are available to ensure trouble free the typical high ambient and harsh site conditions.

