

STRIP THICKNESS

Laser Gauges VTLG

Application

Metal strip

Function

In the upper and lower side of a C-frame is a compact laser sensor which both transmits the measurement beam and receives the reflected light.

Both sensors measure the distance to the strip surface. The system then calculates the thickness of the strip from the measured distances and the distance between the two sensors.

Advantages

- · Installation directly in the mill possible
- Direct, absolute measurement irrespective of the alloy
- Precision up to 0.5 micrometer
- · Correct results even with oiled strip



pressure: min. 5 bar; consumption: max. 15 m³/h data recording (VRecoS), statistical evaluation (VGraph), pass schedule store,

environment control unit > 45 °C: air conditioner, 20 m cable between control unit and gauge



Compressed air supply

Options

