

In-Process Measurement of Straightened Rods



for straightening machine

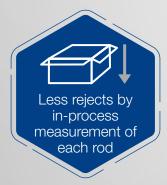
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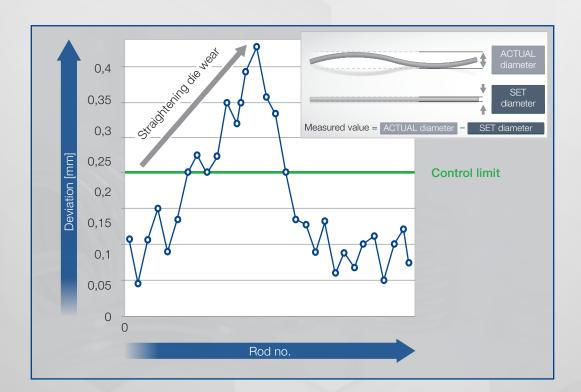


Note scope of delivery and restrictions in quote © WAFIOS AG 2022 en. - C06/22

### Situation

 Wear of straightening dies and fluctuations in wire properties result in variations in the straightness of rods. This results in rejects and a corresponding increase in material and production costs

## Solution



iQm-straight enables the in-process measurement and control of straightened rods to assess and optimize the straightening quality. A camera measures, by means of backlighting, the straightness of rods after they have been cut off.

# Requirements

- Control of straightness only with automatically adjustable rotor
- Cutting length range:
  410-2,000 mm depending
  on wire diameter and material
  quality. For bar lengths greater
  than 2,000 mm, we offer
  measurement of random
  samples with reduced cutting
  length and automatic sorting
- Wire diameter: 2.5-7.0 mm
- Output rate max. 80 pcs / min
- Ribbed reinforcing steel cannot be measured