# Tube Inspection

## Inspection of large tubes in the production line

Detail of the test station with tube, inspection carriage and multiplexer

**TUB.EC 300 eddy current test system for the automatic inspection of hot-rolled tubes for surface defects (cracks, scales, pores)**

Some technical data:
- Range of diameter of the tubes that are to be tested: 50 to 300 mm
- Surface condition: hot-rolled, drawn, peeled and ground
- Length of the tubes: 3 to 15 m (and more)
- Straightness: due to its flexibility the inspection system is able to handle great tolerances in straightness as long as these can be rotated.
- Surface speed of the tubes: continuously adjustable up to 1.5 m/sec
- Axial speed of the inspection carriage: continuously adjustable up to 1.5 m/sec
- Inspection standards: The TUB.EC 300 ET-test system fulfils all international standards for eddy current inspections
- Automatic good/bad evaluation
- Color marking true to the location lengthwise
- Linear measurement featuring an axial B-scan of the defects on the display