

3D-Production Measurement Technology

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HIGHLIGHTS

- Measurements using measuring arm, laser tracker and close range photogrammetry
- Combined measurements possible
- Measurements on site or in our test laboratory
- Measuring machine movements (e.g. robots)



In-situ measurements with the measuring arm



Checking the rolls of a roller mill with the measuring arm



Control of a screw-conveyor

Field of Application

In order to meet high quality standards, the precision survey of products and components by means of coordinate measuring machines is imperative. We can meet this requirement either directly on the client's premises or, in the case of supplied parts, in our test laboratories.

Description of Services

Our laser tracker achieves a measurement accuracy of 0.025 mm with a 70 m measurement range. The measuring arm achieves 0.024 mm accuracy at a 2.4 m range and the close range photogrammetry is accurate to 0.015 mm/m. This enables us to test parts and compile measurement reports for the aircraft industry, for instance.

Independant and Confidential

Manufacturer-independent certification of component parts, machine parts and plant components and comparison of the planned and actual conditions using 3 D construction drawings constitute a significant focal point of our services. Confidentiality of the measurement results is of course guaranteed.