

GMS-C

Profiler Free Contour

To monitor the curvature of a bent metal plate, the bending shape can be recorded with the GMS-C for comparison with a stored reference geometry.



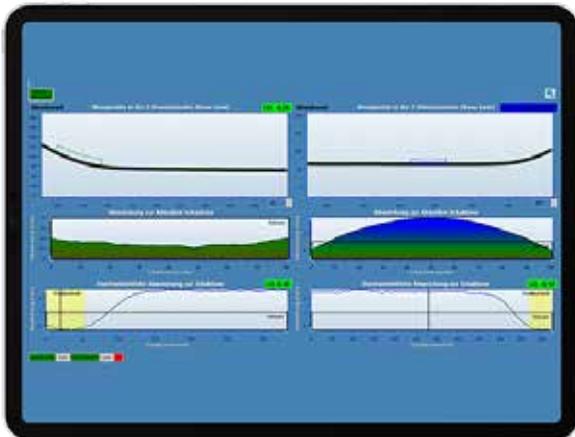
MSG MASCHINENBAU GMBH

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Measurably precise

Give your product shape

The special feature of our GMS-C is its adaptive design. Depending on the installation situation, we redesign the design and scan perspective. This is the only way we can implement arbitrary and complicated measurement projects. Whether scanning curved sheet metal panels, weld seam geometries or simple height and width dimensions - our GMS-C offers maximum flexibility!

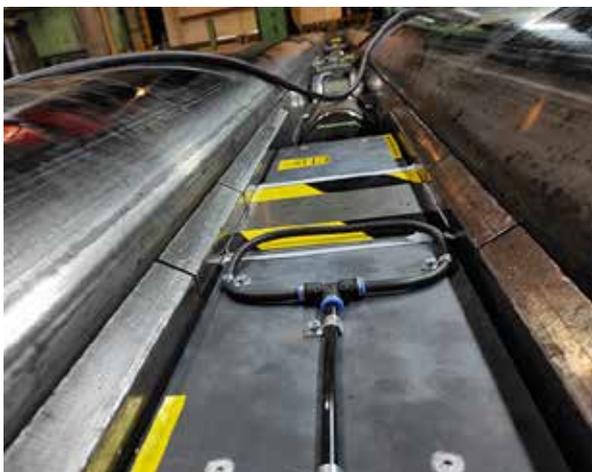


01 Digital benefits of measured data

Digitising the contour that you require allows for the simple monitoring of manufacturing tolerances, but above for all direct interaction with upstream or downstream manufacturing processes.

02 Implementation for industrial applications

All special constructions of the GMS-C are designed for their surroundings during the project planning. In the harsh industrial environment, tightness and temperature resistance are a must!

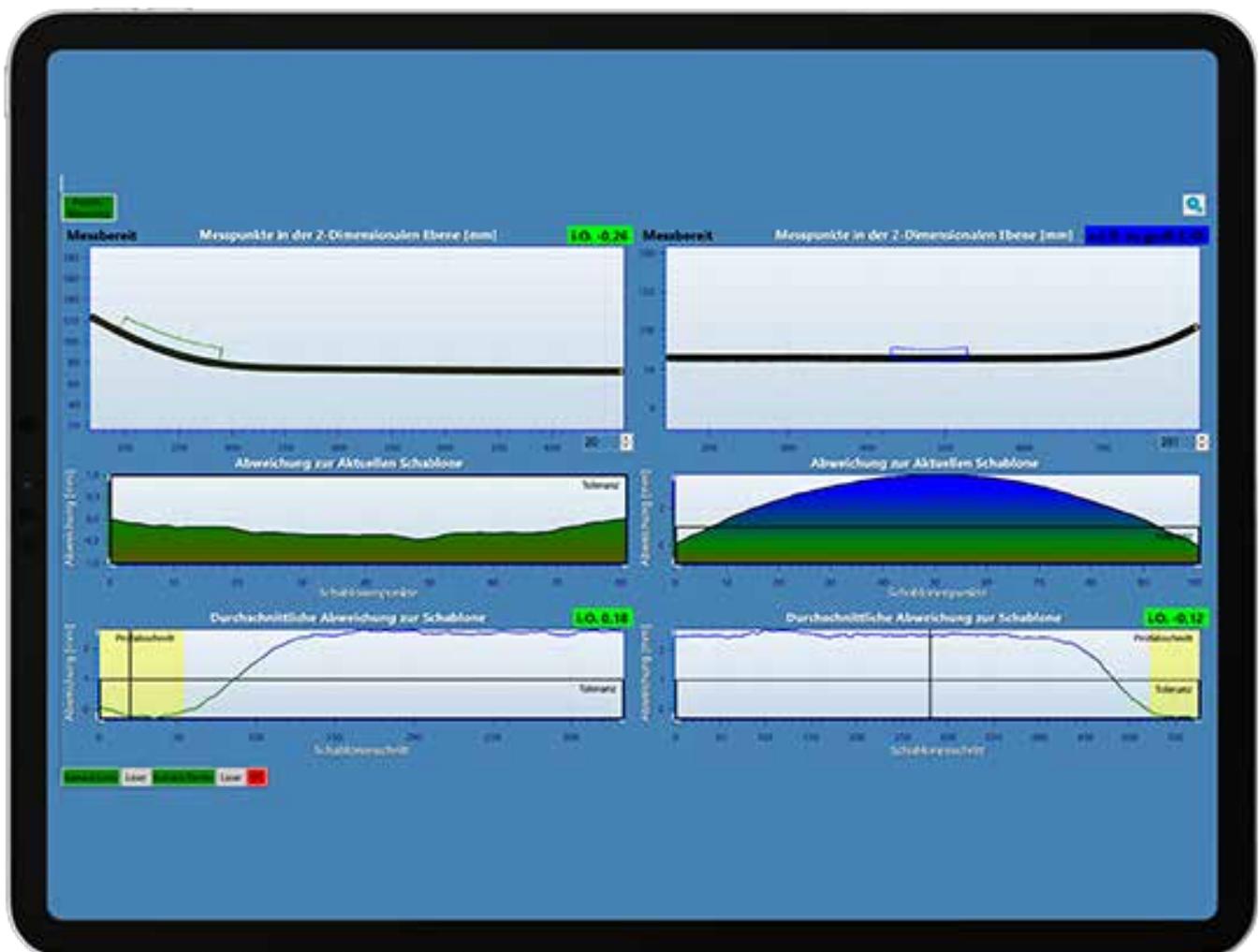


03 Mechanical adaptability

In one particular case, a triangulation measuring head had to be embedded in a flat die of a tube bending machine. By means of mirror deflection, it was possible to digitise a profile with a width of 200 mm despite a construction depth of only 80 mm! Absolutely unique!

Control and software

Digital overview



With the visualization of your digital data you always keep the overview and can use the information for further processing.

Technical data

Everything at a glance

Application range

Digitization

Product certification

System control

Production optimisation in bending machines

Production optimisation in edge rolling machines

Manual field measurement with a handheld device

Machine Learning

Materials

Steel

Brass

Aluminium

Titanium

a.o.

Inspection criterions

Radius

Distance

Curvature

General geometric features

Measuring accuracy

Depending on configuration

Product areas

Linepipe (LSAW, HSAW, Seamless)

Construction pipe

Integration possibilities

Free

Interface

Process: PLC

Data: SQL

Measuring speed

200Hz

Get in touch.

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Your contact

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