

BMW: GOM Inspect as standard software installed

Location/Country: Dingolfing, Germany

GOM System: ATOS Triple Scan / ATOS Plus / TRITOP

GOM Inspect usage: 3D-Viewer and Evaluation Software

Main area of business: Automobile manufacturer

BMW has installed GOM Inspect as standard 3D viewer and evaluation software on hundreds of computers in the plants of the BMW Group throughout the world.

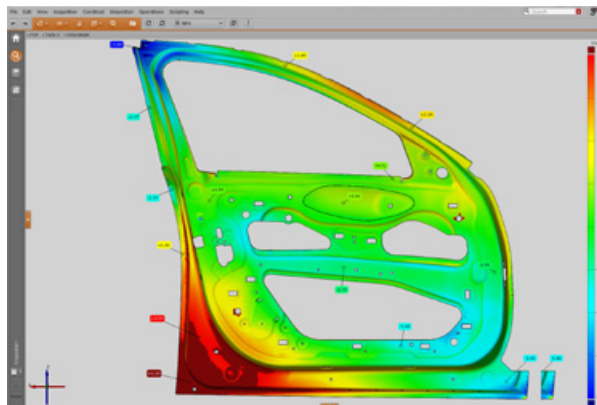


The robot measurement cell allows unmanned and time-saving inspection of sheet metal components ranging from lock plates to complete side panels.

Optical 3D coordinate measuring technology from GOM is used for quality assurance in design and tool-making departments, press shops, car body shops and close to production lines in nearly all BMW plants worldwide.

For example the press shop at BMW's Dingolfing plant relies on optical metrology systems, including automation and standardization for inspection of sheet-metal components.

3D coordinate measuring technology is offering here, high time-saving potential as sensor, automation and inspection software all come from a single-source provider. Besides the automated measurement processes that have been continuously developed in close collaboration between BMW and GOM, another positive aspect of all the GOM optical metrology systems in use at BMW is high transparency.



Automated measurement solutions achieve higher throughput and repeatability in industrial production processes. The measurement data can be analyzed immediately and compared directly with the CAD data. Deviations to CAD are highlighted in color and thus problematic areas are easy to recognize, enabling targeted improvements to be made to the manufacturing process.

AS the free 3D software GOM Inspect operates on hundreds of computers throughout the group and, in addition, resides on BMW's internal network server – along with 28,000 completed metrology projects. This information can be accessed by all colleagues and departments involved, saving significant time in component evaluation discussions. This way 3D data is archived rather than storing the physical components.

The collaborative relationship between BMW and the GOM automation team has proved highly successful – not only the Dingolfing workers value the professional support they receive with sensor, automation and data evaluation from a single source partner.

Quality Manager
Quality Control Press Shop
BMW Dingolfing

GOM mbH
Mittelweg 7-8
38106 Braunschweig
Germany
Phone +49 531 390290
Fax +49 531 3902915
info@gom.com

GOM International AG
Bremgarterstrasse 89B
8967 Widen
Switzerland
Phone +41 56 6310404
Fax +41 56 6310407
international@gom.com

GOM UK Ltd
Unit 14, The Cobalt Centre
Coventry, CV3 4PE
United Kingdom
Phone +44 2476 639920
Fax +44 2476 516990
info-uk@gom.com

GOM Asia
Keyuan Road 88,
Tower 2, Unit 731
201203 Shanghai
PR China
Phone +86 21 28986551
Fax +86 21 28986552
info-asia@gom.com

GOM France SAS
10 Quai de la Borde
91130 Ris Orangis
France
Phone +33 1 60479050
Fax +33 1 69066360
info-france@gom.com

GOM Branch Benelux
Interleuvenlaan 15 F
3001 Leuven
Belgium
Phone +32 16 408034
Fax +32 16 408734
info-benelux@gom.com

GOM Italia Srl
Via della Resistenza 121/A
20090 Buccinasco (MI)
Italy
Phone +39 02 45701564
Fax +39 02 45712801
info-italia@gom.com