



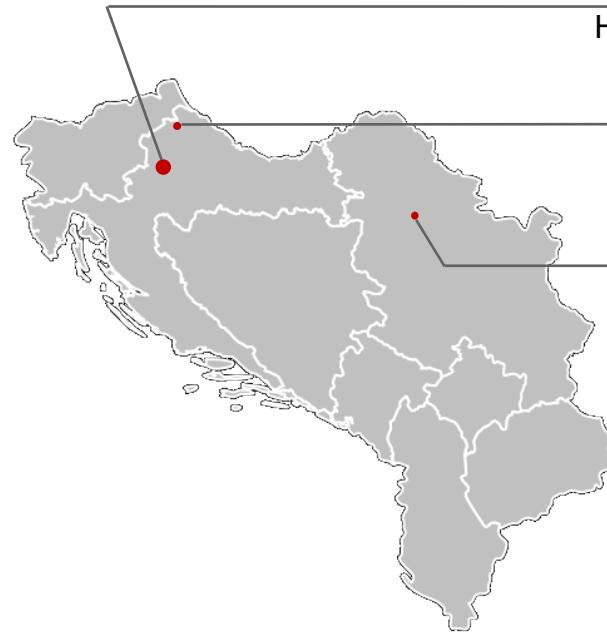
TOPOMATIKA d.o.o.

TOPOMATIKA

precise industrial 3D metrology

Tomislav Hercigonja | 2018.





TOPOMATIKA d.o.o.

- Established in 2002g.
- 3 locations
- 9 metrology specialists
- Founder of cluster „3D grupa”



**TOPOMATIKA is reliable optical 3D metrology partner
with over 15 years of experience**

Know-How:

- 3D digitization/scanning
- Optical 3D control of shape and dimensions
- Automated 3D coordinate metrology
- 3D measurement and analysis of shape and deformation
- Material and component testing
- Reverse Engineering

Applications:

- Product quality control
- Design and development
- Development of models, tools and dies
- Mounting issues
- Documentation, archiving and presentation



Topomatika – references (excerpt)



Installations – system users

Akrapovič, Ivančna Gorica; CIMOS, Koper; CIRCO MES, Skopje; DOMEL, Železniki; ELEKTROHRIBAR, Radomlje, Fakultet strojarstva i brodogradnje, Zagreb; Fakulteta za strojništvo, Maribor; FESB, Split; FIAT automobili Srbija, Kragujevac; GORENJE Orodjarna, Velenje; Građevinski fakultet, Osijek; Građevinski fakultet, Rijeka; GOMMA LINE, Kragujevac; HELLA Slovenija, Ljubljana; INPIRIO, Čakovec; Inštitut Andrej Marušić, Koper; IPNG, Nova Gradiška; ISKRA Mehanizmi, Lipnica; IVANAL Šibenik; KOLEKTOR, Idrija; KONČAR Metalne konstrukcije, Zagreb; KOVIS Livarna, Štore; Le Belier, Kikinda; LEKTRIKA, Šempeter pri Gorici; Livar, Ivančna Gorica; LTH Ulitki, Škofja Loka; Mašinski fakultet u Beogradu; Mašinski fakultet u Kragujevcu; Mašinski fakultet u Kraljevu; Milanović Inženjering, Kragujevac; MLM, Maribor; ODELO Slovenija, Prebold; Orodjarstvo Gorjak, Rače; ORO-MET, Košana; Plastoform, Šmarjeta; PPC Cimos, Buzet; RS Metali, Sveta Nedelja; Šinvoz, Zrenjanin; TE-PRO, Vrhovljani; Tecos, Celje; TEH CUT, Zagreb; Tehnički fakultet, Rijeka; TPV, Novo Mesto; Unimet, Kać; UNIOR, Zreče; Vidergar, Postojna ; Zavod za gradbeništvo, Ljubljana; Wagner Automotive, Gradačac, ...

Over 90 installations in region

Service users

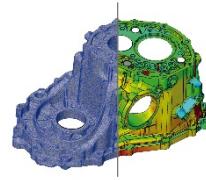
AD-Plastik, Solin; ADRIA DIESEL, Karlovac; ALSTOM, Karlovac; ALBA, Slovenj Gradec; BEKTO Precisa, Goražde; BOS Grubar, Šentjernej; CONTITECH, Subotice; CROATIA PUMPE, Karlovac; Dalekovod, Zagreb; DOK-ING, Zagreb; Elkon Geratebau, Rijeka; EMO Orodjerna, Celje; Feroplast, Buje; GEM Grubišić, Vrbovec; HeliYachts, Pula; HEP-Proizvodnja, Zagreb; Hidroelektrane na Trebišnjici, Trebinje; Hrvatski restauratorski zavod, Zagreb; HS PRODUKT, Karovac; IGH, Zagreb; Inetec, Zagreb; Instrumentaria, Zagreb; Jajce Alloy Wheels, Jajce; Končar, Zagreb; Kovinoplastika, Lož; Kralj metala Alati, Zagreb; LIPIK GLAS, Lipik; METALAC, Gornji Milanovac; NCP, Šibenik; OMCO Croatia, Hum na Sutli; Plamindo, Gračanica; RIMAC Automotive, Zagreb; Staklo Rogaška, Rogaška; TEH CUT, Zagreb; TPS, Labin; TTK, Karlovac; TŽV Gredelj, Zagreb; UNIOR Components, Kragujevac; VOIGHT, St.Polten; ...

GOM GmbH – measuring systems for 3D coordinate metrology and 3D testing



Shape and dimension measurements

ATOS
Optical 3D scanner

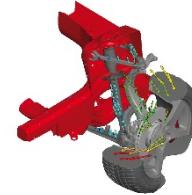


TRITOP
Mobile optical CMM

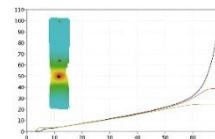


Measurement and analysis of displacements and deformations

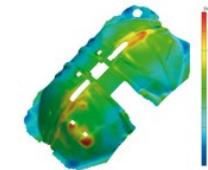
PONTOS Live
Optical 3D measurement and positioning



ARAMIS
Optical 3D deformation analysis



ARGUS
Optical forming analysis



gom | certified partner



GOM Inspect



GOM Correlate

GOM GmbH – measuring systems for 3D coordinate metrology and 3D testing



ATOS ScanBox - Optical 3D measuring device

ATOS ScanBox is "plug-and-play" measurement cell for completely automated 3D digitization and control.

ATOS ScanBox links optimized industrial component, mobility and safety in standardized 3D measurement device.



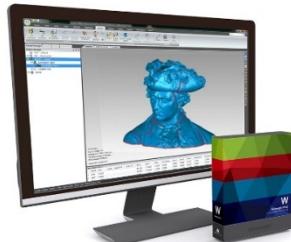
Geomagic – software packages



Fastest way from 3D scan to CAD model!

GEOMAGIC develops software packages for digital construction and reconstruction of complex geometries.
Sets the base for new level of 3D digital reality.

Reverse engineering



Geomagic
Wrap[®]



Geomagic
Design X

3D design and modelling



Geomagic
Design[™]



Geomagic
Freeform[®]

Vision Engineering Ltd - inspection, metrology and metallurgical microscopes



Vision Engineering develops and produces leading stereo optical systems for over 50 years.

Systems range from small fixed magnification, for inspection and manipulation, up to high-magnification stereo microscopes with patented 'Expanded-Pupil' technology.

Inspection mikroskopes



Measurement



Metallurgy



Hegewald & Peschke GmbH – mechanical and hydraulical universal material and component testing machines



Hegewald & Peschke over 20 years develops and produces material and component testing equipment for industry and research applications.

Material testing



Component testing



KB Prueftechnik GmbH – hardness testing equipment



KB Prüftechnik develops and produces innovative hardness testers according to Brinell, Vickers, Rockwell and other methods.

Brinell



Vickers



Rockwell



Specjalni



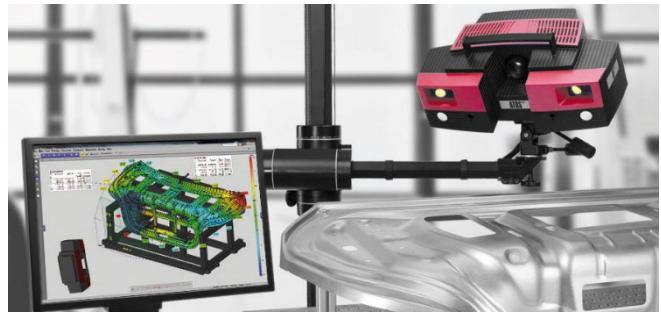
Topomatika

precise industrial 3D metrology



Solutions we offer simplify complex measurement tasks, from development to production.

- Shortening Time to Market
- Improving product quality
- Increasing productivity
- Ensuring quality control through the entire life cycle
- Cost reduction
- Increase of competitiveness



TOPOMATIKA – precise industrial 3D metrology

Thank you for your attention.

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