SOLMAN SOLUTIONS FOR MANUFACTURING

SERVICE OVERVIEW



SOLMAN HUNGARY KFT. · ENGINEERING SERVICES

SOLMAN HUNGARY OUR SERVICES

QUALITY, METROLOGY, DESIGN AND MANUFACTURING FROM ONE SOURCE

As an engineering service provider we take over quality, metrology and design & manufacturing tasks for customers in the automotive, aerospace and defence industries. Behind us: an accredited calibration laboratory (NAH-2-0343/2023), a 420 m² air-conditioned measuring lab in Kecskemét and an experienced team of engineers who also work at your site, in Hungary and abroad.

25+ years in automotive

4000+ successful projects

500+ satisfied customers

QUALITY MANAGEMENT

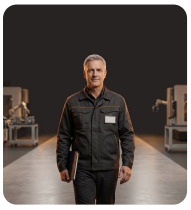


QUALITY INSPECTION

THE CUSTOMER HAS BLOCKED IT. THE TRUCK IS WAITING.

As an independent third party we sort, inspect and rework blocked semi-finished and finished products when your own team has no spare capacity for it.

solman.hu/minosegellenorzes

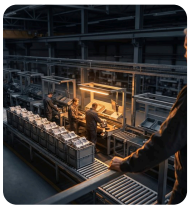


INTERIM MANAGER / ENGINEER

THE KEY PERSON IS GONE. THE DEADLINE IS NOT.

When a project or the gap left by a colleague needs an experienced manager or engineer for a short time, up to three months, we provide one.

solman.hu/interim-vezeto-mernok

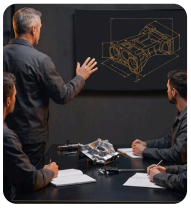


PROCESS IMPROVEMENT

THE MACHINE IS THERE. WHERE DOES THE TIME GO?

A new customer wants to see that processes support the expected quality, material flow is optimal, the organisation is systematic, and steps are taken continuously to eliminate waste.

solman.hu/folyamatfejlesztes



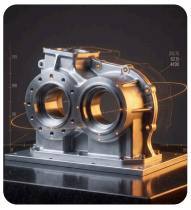
TRAINING / WORKSHOP

THE SLIDES ARE THERE. DOES THE KNOWLEDGE STAY?

Every hour spent on training must pay off quickly. Before the training our experienced specialists clarify your team's challenges, and we build the material on the case studies gathered.

solman.hu/oktatas-workshop

METROLOGY



CONTRACT PROGRAMMING

IS YOUR CMM WAITING FOR A MEASURING PROGRAM?

We write measuring programs for CNC-controlled CMMs, offline from the CAD model, and for measuring arms and 3D scanners.

solman.hu/berprogramozas



CONTRACT MEASUREMENT

NO FREE CMM. THE PPAP IS DUE TOMORROW.

We measure at our 420 m² site in Kecskemét in a climate-controlled lab, or with portable equipment at your site.

solman.hu/bermeres



GAUGE CALIBRATION

CALIBRATION EXPIRED. NO MEASUREMENT.

We calibrate coordinate measuring machines, measuring arms, height gauges, inspection fixtures, tools, holders, containers and master containers, accredited and independent of brand, in our lab or at your site.

solman.hu/meroeszkoz-kalibralas



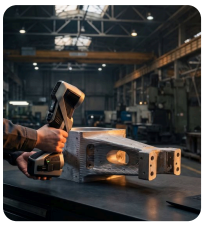
METROLOGY EQUIPMENT SALES

TRIMOS · SCANOLOGY · POLYWORKS · RENISHAW · METROLOGYWORKS · AESUB

We represent six internationally renowned manufacturers in Hungary as exclusive distributor or reseller.

solman.hu/meroeszkoz-ertekesites

DESIGN AND MANUFACTURING



REVERSE ENGINEERING

NO DRAWING, NO CAD. BUT THE PART IS HERE.

No drawing, no CAD, but the part is here. We capture the geometry by 3D scanning, create the STEP model, 2D assembly drawings and the BOM, and measure the finished model back against the real part.

solman.hu/reverse-engineering

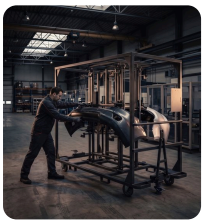


FIXTURE DESIGN AND MANUFACTURING

WHAT THE LINE CATCHES NEVER REACHES THE CUSTOMER.

We design and build DTI and checking fixtures, CMM fixtures, test benches and special machines for your part, based on its 3D model.

solman.hu/keszulekek-gyartasa



CONTAINER DESIGN AND MANUFACTURING

YOUR PARTS GET SCRATCHED IN THE CONTAINER.

We design and build custom metal containers (racks, Sonderladungsträger), JIS and part-specific containers and paint jigs in series, so that your finished parts are not damaged on the way.

solman.hu/tarolo-tervezes-es-gyartas

ADDITIONAL SERVICES

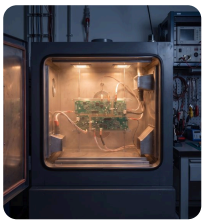


GAUGE MANAGEMENT

EVERY GAUGE AUDIT-READY.

An audit never fails because a measuring instrument is missing. It fails because nobody can show when that instrument was calibrated and where its certificate is.

solman.hu/meroeszkoz-felugyelet



TEST LABORATORY MANAGEMENT

MORE THAN 60 TEST TYPES FROM ONE SOURCE.

Approving a new component, material or electronic product often requires dozens of tests across several different laboratories.

solman.hu/tesztlabor



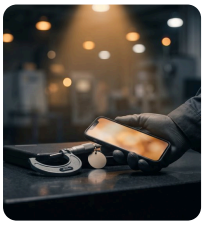
FAILURE ANALYSIS (CT AND X-RAY)

FLAWLESS OUTSIDE. WE LOOK INSIDE.

With industrial computed tomography (CT) and microfocus X-ray we inspect your part inside and out, non-destructively.

solman.hu/hibaanalizis

OUR DIGITAL TOOLS

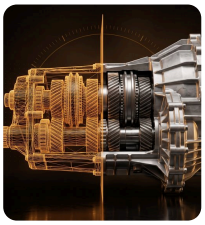


SOLMANGAUGE.HU

GAUGE MANAGEMENT PLATFORM, FREE WITH CALIBRATION.

solmangauge is Solman's own gauge management platform. Every client gets a company account of their own: the full inventory, the calibration status and every certificate, on the computer and on the phone, in Hungarian, English or German.

solman.hu/solmangauge-platform



SOLMAN 3D VIEWER

CAD VIEWER: OPEN STEP FILES WITHOUT A CAD LICENCE, IN THE BROWSER.

Solman 3D Viewer is our own CAD viewer that runs in the browser. It opens common 3D formats, shows real CAD surfaces and lets you measure.

solman.hu/cad-megjelenito

YOUR CONTACT

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WHY SOLMAN?

25+ years in automotive

4000+ successful projects

500+ satisfied customers

98% customer satisfaction

Certified management systems

MORE INFORMATION

www.solman.hu