



MERTAY MAKINA

☎ | +90 224 441 96 56

🌐 | www.mertaymakina.com

✉ | info@mertaymakina.com

www.mertaymakina.com

About Us



Founded in **2007** in Bursa, Mertay Makina builds custom machines for situations where “just supplying parts” is not enough.

We operate from a single 2,500 m² facility with 55 people working as one team. Welding, machining, assembly, and automation are all done under the same roof, allowing us to move fast, stay aligned, and avoid handover problems.

Instead of separating work between suppliers, we keep responsibility in-house. CNC-machined parts, welded structures, and automated systems are developed together, not in isolation.



MACHINE PARK

Equipment	Qty	Equipment	Qty
5-Axis CNC Milling Machine	3	Universal Lathe	1
3-Axis CNC Milling Machine	3	Vertical Lathe	1
3D CMM Measuring Machine	1	PVD Coating Unit	1
SLS Industrial 3D Printer	1	Guillotine Shear	1
2KW Laser Welding Machine	1	Sandblasting Machine	1
TIG/MIG Welding Machine	6	Profile Cutting Machine	1
Laser Cutting Machine 20 kW	1	Laser Marking (UV/Fiber)	2

MACHINE PARK



MACHINE PARK



Our Certificates



CERTIFICATE

**MERTAY METAL SAÇ MAKİNA GIDA TEKSTİL
TURİZM OTOMOTİV SANAYİ VE TİCARET
LİMİTED ŞİRKETİ**

FETHİYE OSB MAH. PEMBE CAD. NO:9
NİLÜFER / BURSA / TÜRKİYE

*Has been assessed and found to Comply with the Requirements of:
Denetlenmiş ve aşağıdaki standardın gerekliliklerine uygunluğu görülmüştür:*

ISO 9001:2015

*The Quality Management System is applicable to:
Kalite Yönetim Sistemi:*

MANUFACTURING OF AUTOMOTIVE ASSEMBLY LINES, CNC MACHINED PARTS, JIGS
FIXTURES AND TOOLS, CONVEYORS, SHEET METAL FORMING, VACUUM METALLIZATION
RACKS, AEROSPACE SECTOR PARTS, FORMING OF METAL

OTOMOTİV MONTAJ HATLARININ, CNC PARÇALARININ, APARATLARIN, FİKSTÜRLERİN,
KONVEYÖRLERİN, METAL KAPLAMA PLANETLERİNİN, HAVACILIK SEKTÖRÜNE YÖNELİK
METAL PARÇALARININ İMALATI, METALLERİN ŞEKİLLENDİRİLMESİ

Certificate Number: QMS-10464 Initial Certification Date: 07.07.2023
Belge Numarası: QMS-10464 İlk Belgelendirme Tarihi: 07.07.2023

Certification Period: 3 Years Certificate Validity Date: 06.07.2025
Belgelendirme Periyodu: 3 Yıl Belge Geçerlilik Tarihi: 06.07.2025



IQR Uluslararası Belgelendirme Hizmetleri Ltd.Şti.
Beşevler Mah. Kocayunus Sk. No:3 Arslan Han Plaza K:2 Nilüfer / BURSA
Tel.: +90.224.266 00 16 Faks: +90.224.249 41 13 www.iqrcert.com e-posta: info@iqrcert.com



CERTIFICATE

**MERTAY METAL SAÇ MAKİNA GIDA TEKSTİL
TURİZM OTOMOTİV SANAYİ VE TİCARET
LİMİTED ŞİRKETİ**

FETHİYE OSB MAH. PEMBE CAD. NO:9
NİLÜFER / BURSA / TÜRKİYE

*Has been assessed and found to comply with the requirements of:
Denetlenmiş ve aşağıdaki standardın gerekliliklerine uygunluğu görülmüştür:*

ISO 14001:2015

*The Environmental Management System is applicable to:
Çevre Yönetim Sistemi:*

MANUFACTURING OF AUTOMOTIVE ASSEMBLY LINES, CNC MACHINED PARTS, JIGS
FIXTURES AND TOOLS, CONVEYORS, SHEET METAL FORMING, VACUUM METALLIZATION
RACKS, AEROSPACE SECTOR PARTS, MACHINES, FORMING OF METALS

OTOMOTİV MONTAJ HATLARININ, CNC PARÇALARININ, APARATLARIN, FİKSTÜRLERİN,
KONVEYÖRLERİN, METAL KAPLAMA PLANETLERİNİN, HAVACILIK SEKTÖRÜNE YÖNELİK
METAL PARÇALARIN, MAKİNELERİN İMALATI, METALLERİN ŞEKİLLENDİRİLMESİ

Certificate Number: EMS-004082 Initial Certification Date: 30.11.2024
Belge Numarası: EMS-004082 İlk Belgelendirme Tarihi: 30.11.2024

Certification Period: 3 Years Certificate Validity Date: 29.11.2025
Belgelendirme Periyodu: 3 Yıl Belge Geçerlilik Tarihi: 29.11.2025



IQR Uluslararası Belgelendirme Hizmetleri Ltd.Şti.
Beşevler Mah. Kocayunus Sk. No:3 Arslan Han Plaza K:2 Nilüfer / BURSA
Tel.: +90.224.266 00 16 Faks: +90.224.249 41 13 www.iqrcert.com e-posta: info@iqrcert.com



CERTIFICATE

**MERTAY METAL SAÇ MAKİNA GIDA TEKSTİL
TURİZM OTOMOTİV SANAYİ VE TİCARET
LİMİTED ŞİRKETİ**

FETHİYE OSB MAH. PEMBE CAD. NO:9
NİLÜFER / BURSA / TÜRKİYE

*Has been assessed and found to Comply with the Requirements of:
Denetlenmiş ve aşağıdaki standardın gerekliliklerine uygunluğu görülmüştür:*

ISO 45001:2018

*The Occupational Health and Safety Management System is applicable to:
İş Sağlığı Ve Güvenliği Yönetim Sistemi:*

MANUFACTURING AND SALES OF MACHINERY AND SPARE PARTS

MAKİNA VE YEDEK PARÇALARININ İMALATI VE SATIŞI

Certificate Number: 2022/OHSMS/00111754 Initial Certification Date: 26.10.2022
Belge Numarası: 2022/OHSMS/00111754 İlk Belgelendirme Tarihi: 26.10.2022

Certification Period: 3 Years Certificate Validity Date: 25.10.2024
Belgelendirme Periyodu: 3 Yıl Belge Geçerlilik Tarihi: 25.10.2024



IQR Uluslararası Belgelendirme Hizmetleri Ltd.Şti.
Beşevler Mah. Kocayunus Sk. No:3 Arslan Han Plaza K:2 Nilüfer / BURSA
Tel.: +90.224.266 00 16 Faks: +90.224.249 41 13 www.iqrcert.com e-posta: info@iqrcert.com

DESIGN SOFTWARES

- 10 SOLIDWORKS CAD
- 1 SOLIDWORKS CAM
- 2 CATIAV5 CAD
- 1 CATIAV5CAM
- 1 Visi CAD/CAM
- 1 MasterCAM CAM
- 1 SINTRATEC Nesting

 **SOLIDWORKS**

VISI BY  HEXAGON

 **AUTODESK[®]
INVENTOR[®]**

 **CATIA**

Mastercam[®]



CAPABILITIES



- 1.CNC machining and welded steel fabrication
- 2.Safety barriers, platforms, stair systems, and occupational safety equipment
- 3.Workstations, cabinets, chip bins, and transport carts
- 4.Rack systems, conveyors, and material handling solutions
- 5.Custom machinery, fixtures, jigs, and process support equipment
- 6.PLC-controlled workstations, automation, and software development
- 7.Robotic applications, measurement, and quality control systems
- 8.Assembly lines, on-site installation, and industrial integration

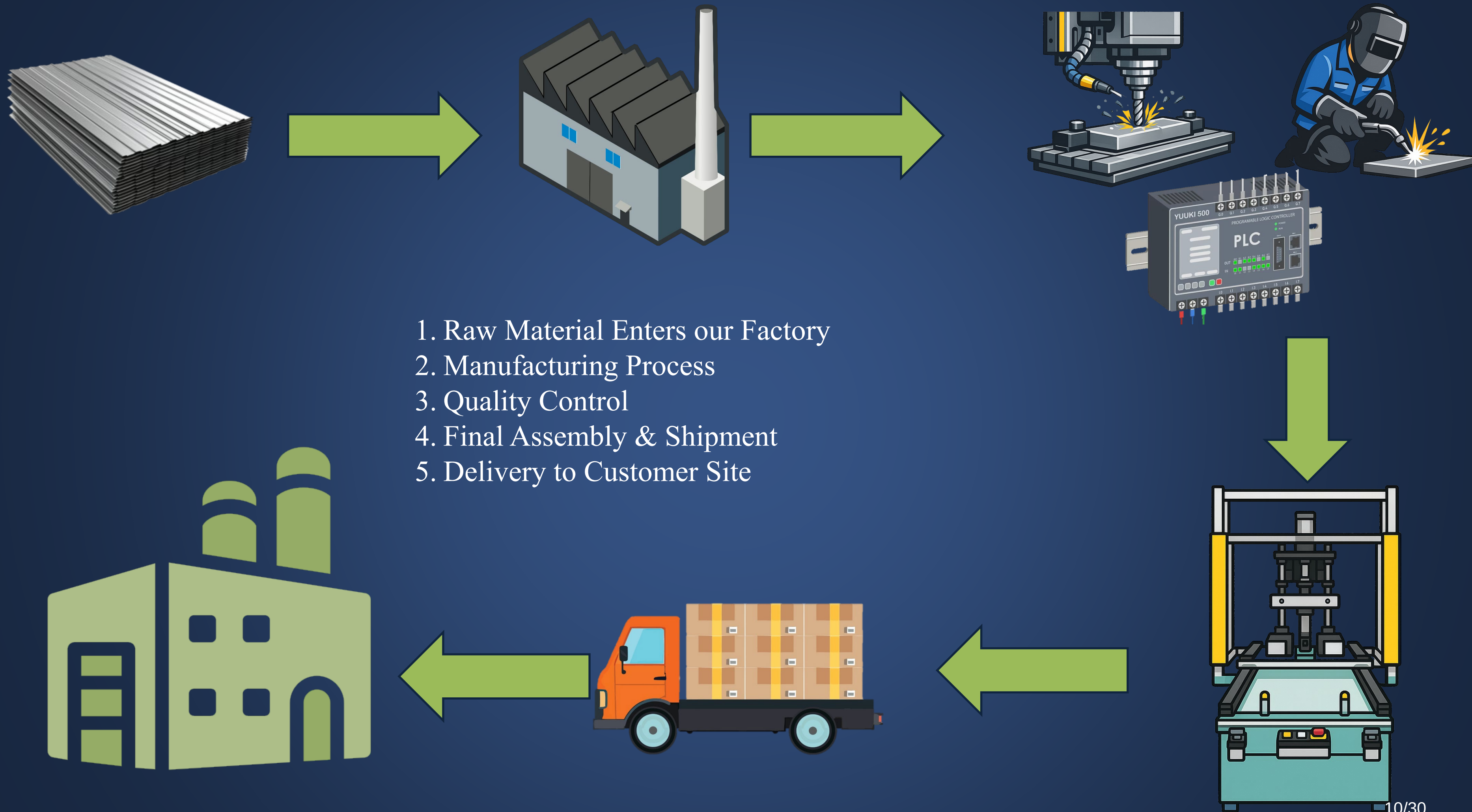
CORE COMPETENCIES

**Custom Machinery
Manufacturing**

**CNC Machining and
Precision
Manufacturing**

**Machine and Conveyor
System Integration**

**Welded Fabrication
and Steel Structures**





Bespoke - Turnkey Machines

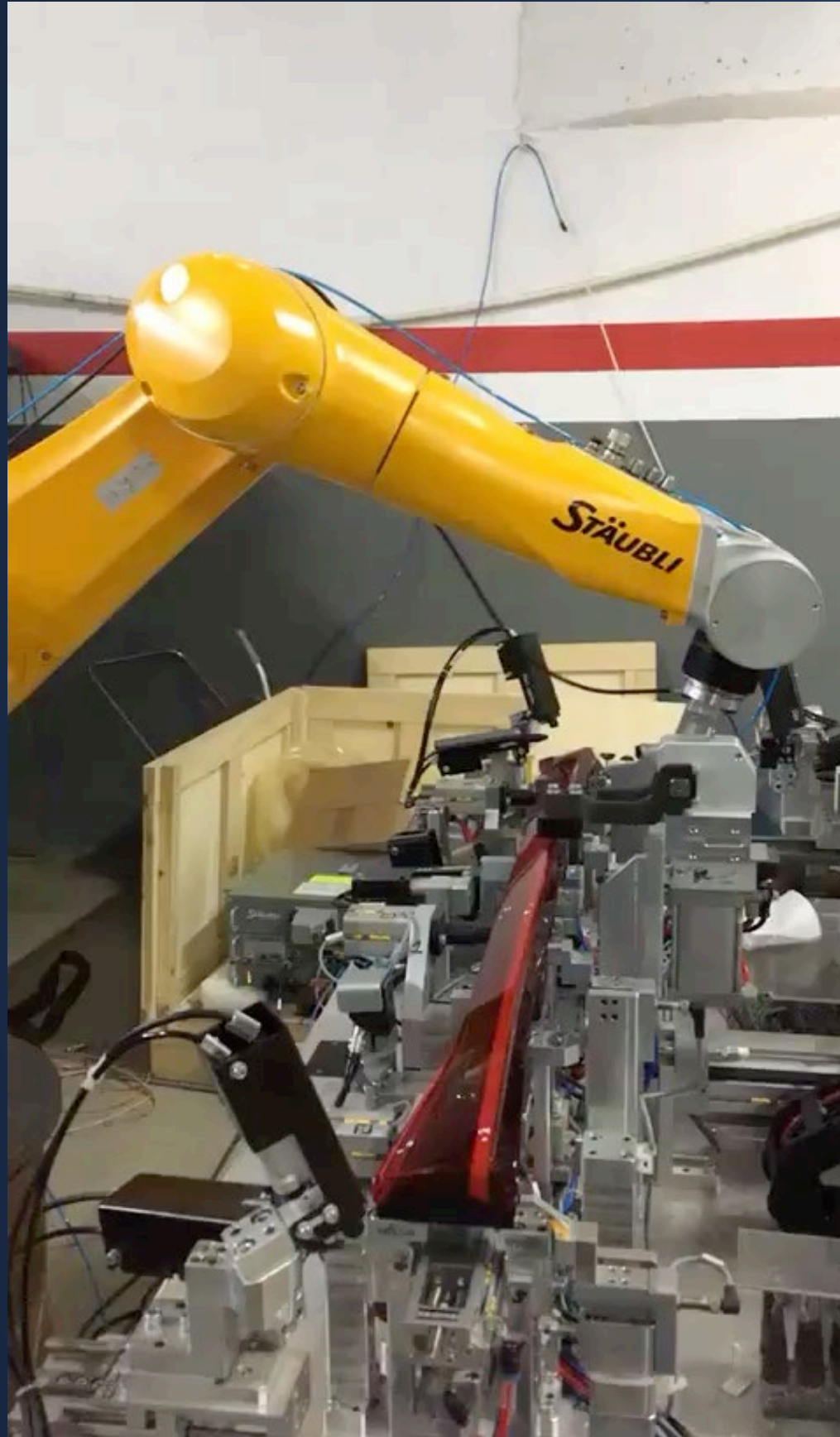
We design and deliver custom-engineered machines tailored to specific production needs, from concept to commissioning.

Our bespoke solutions combine mechanical, electrical, and automation expertise — delivered as turnkey systems that are ready for immediate operation.

- Fully automated and semi-automated machinery
- Custom integration with existing production lines
- Operator-friendly HMI interfaces and safety features
- Full documentation, testing, and on-site installation

Each project is developed in-house, ensuring full control over design, manufacturing, and final delivery.

Robotic Automation Systems



Rearlight Measurement System



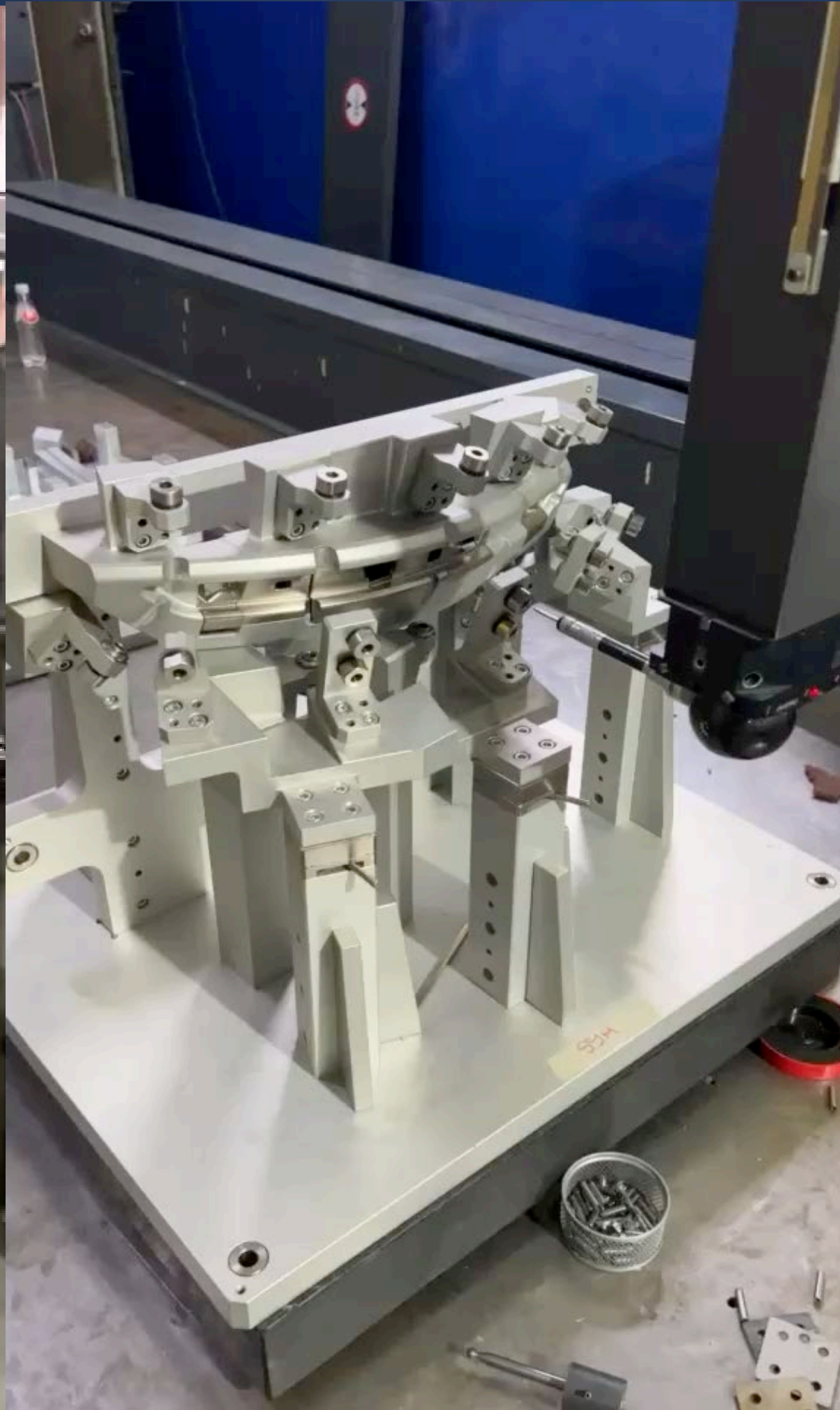
Loading Machine



Conveyor with Lift



Lid Sealing Machine



Measurement Fixture with CMM Measurement

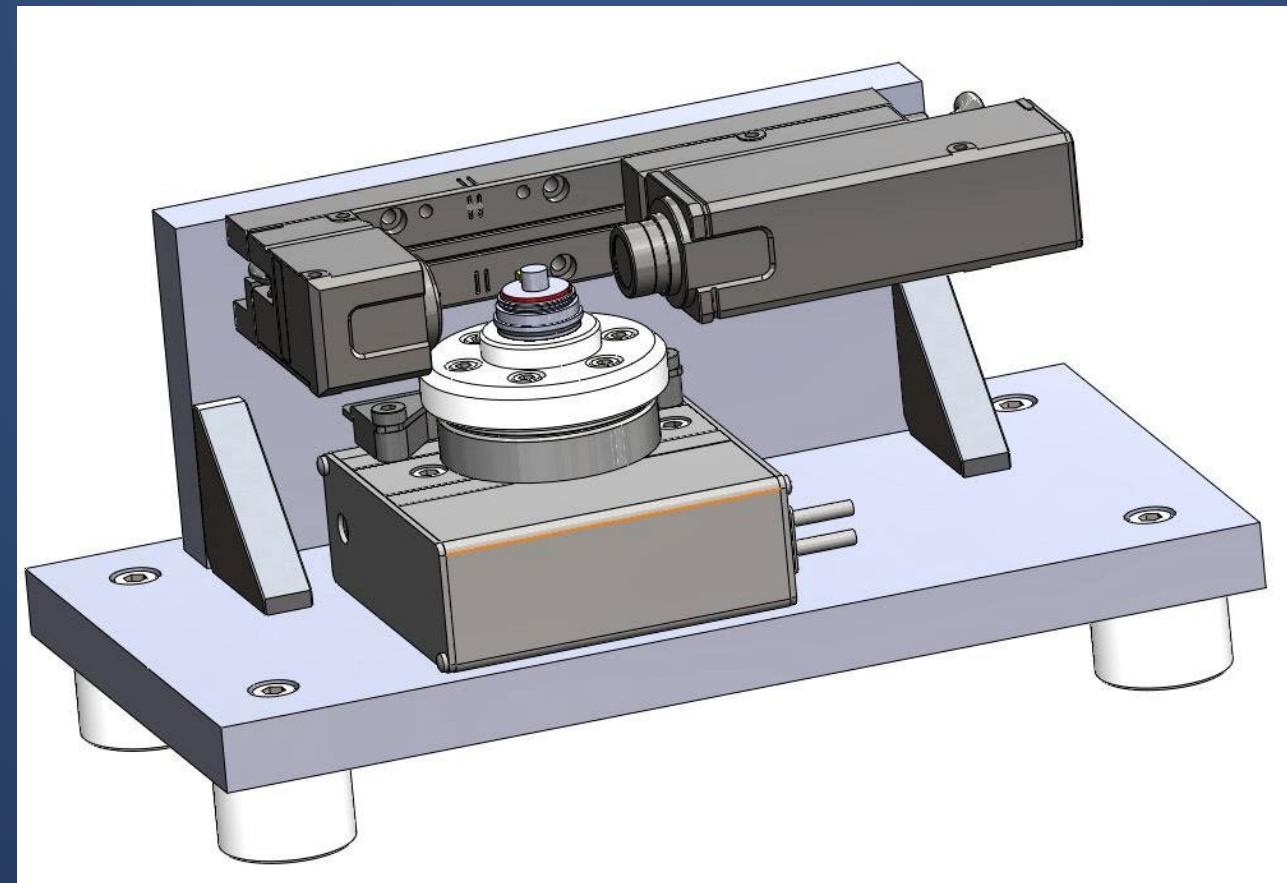
www.mertaymakina.com



Metallization Racks

WELD CONTROL TEST FIXTURE

A vision-based inspection system that monitors welding deformations in real time and evaluates weld quality as OK/NOK.



CONVEYOR SYSTEMS AND ASSEMBLY LINES

Mertay Makina designs and manufactures conveyor systems and assembly lines tailored to specific part geometries, cycle times, and process requirements.

Scope includes:

- PVC belt, roller, chain-driven, and gravity conveyor systems
- Manual, semi-automated, and fully automated production lines
- PLC-based control systems, sensor integration, and barcode/DMC traceability solutions
- Line balancing, station sequencing, and fixture integration
- Operator ergonomics, safety interlocks, and error-proofing (poka-yoke) applications
- SCADA integration for real-time monitoring and data collection



CONVEYOR PROJECTS



Boiler Assembly Line



ESD Conveyor Line

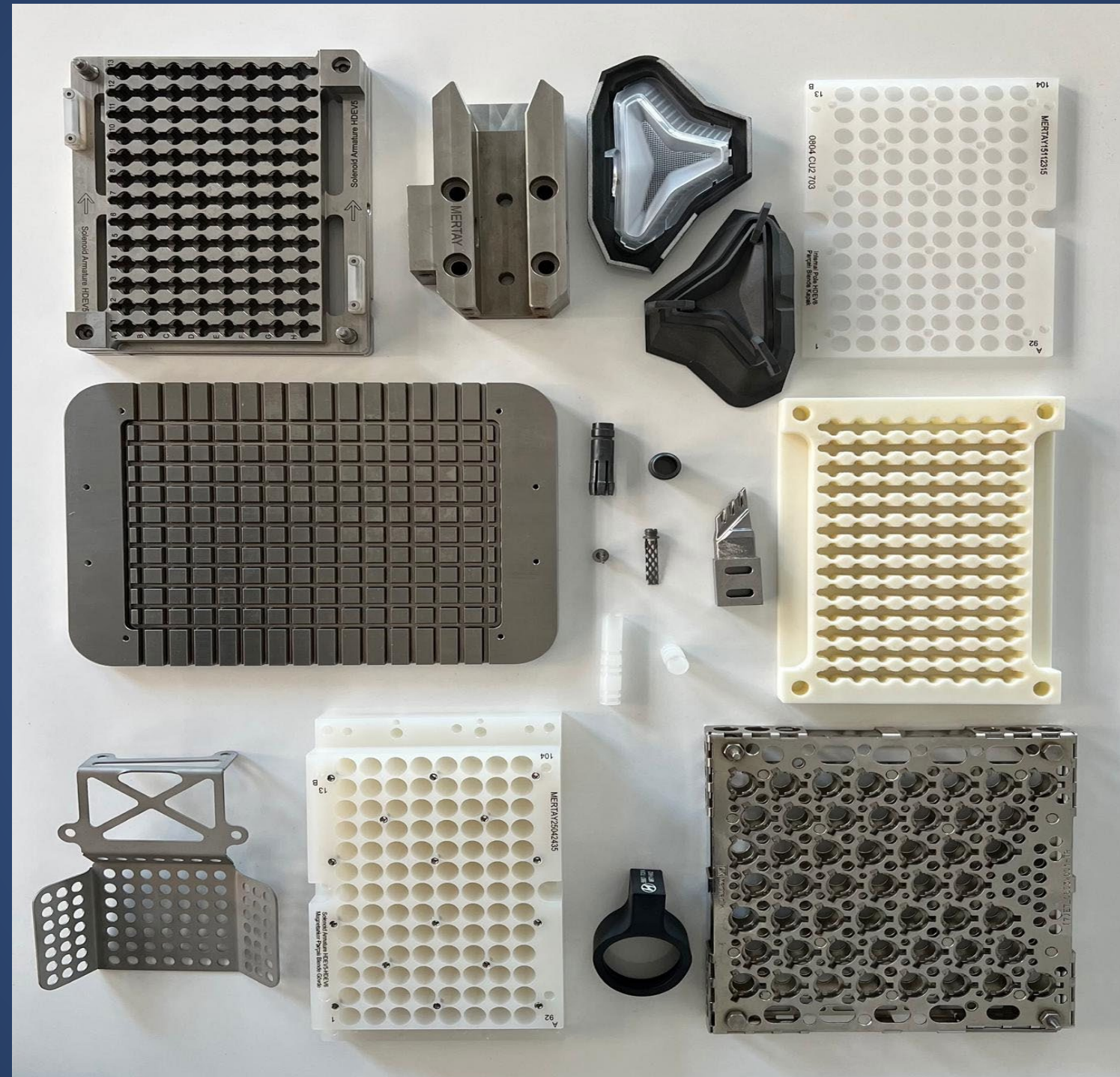


Battery Line

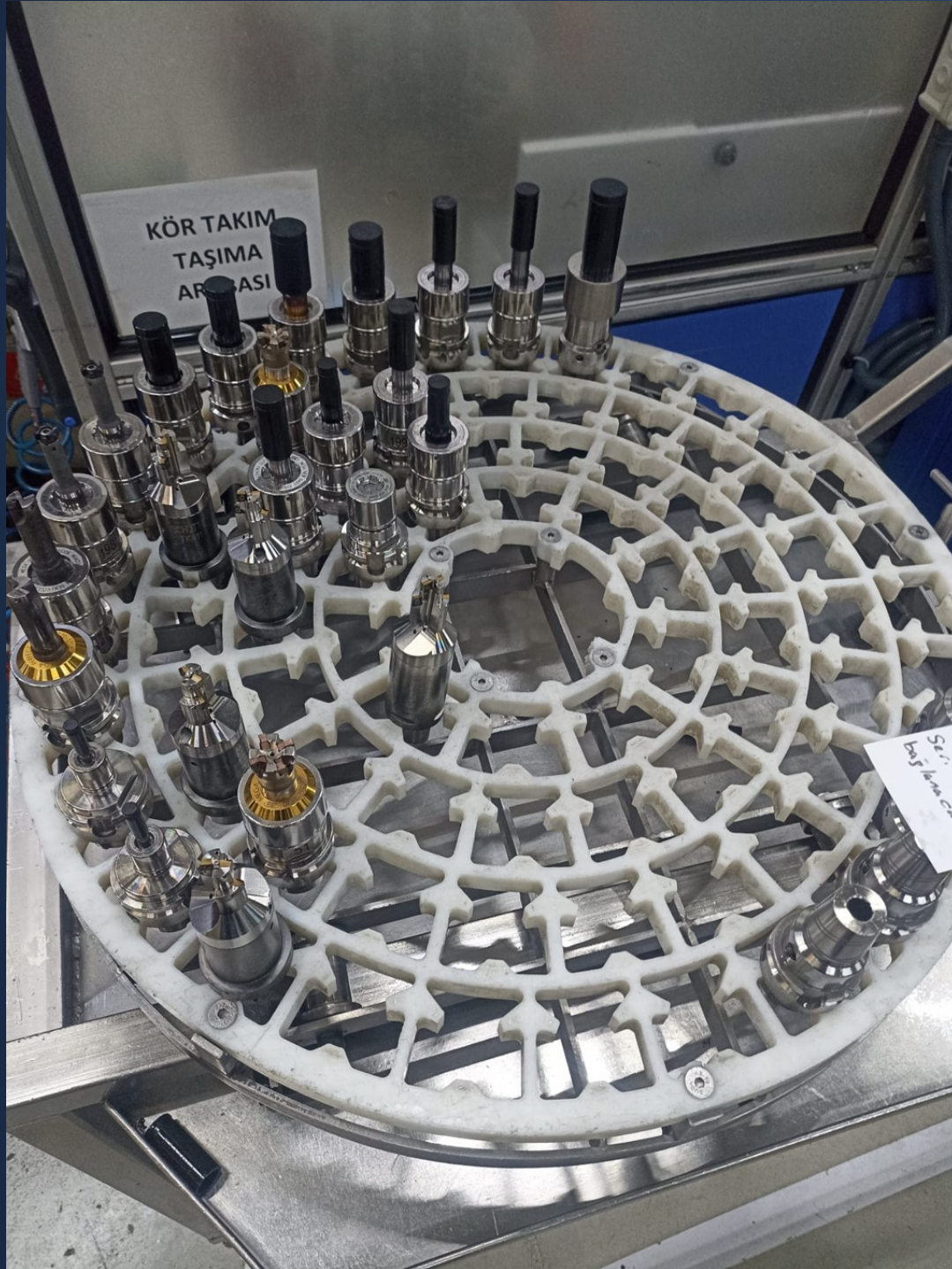


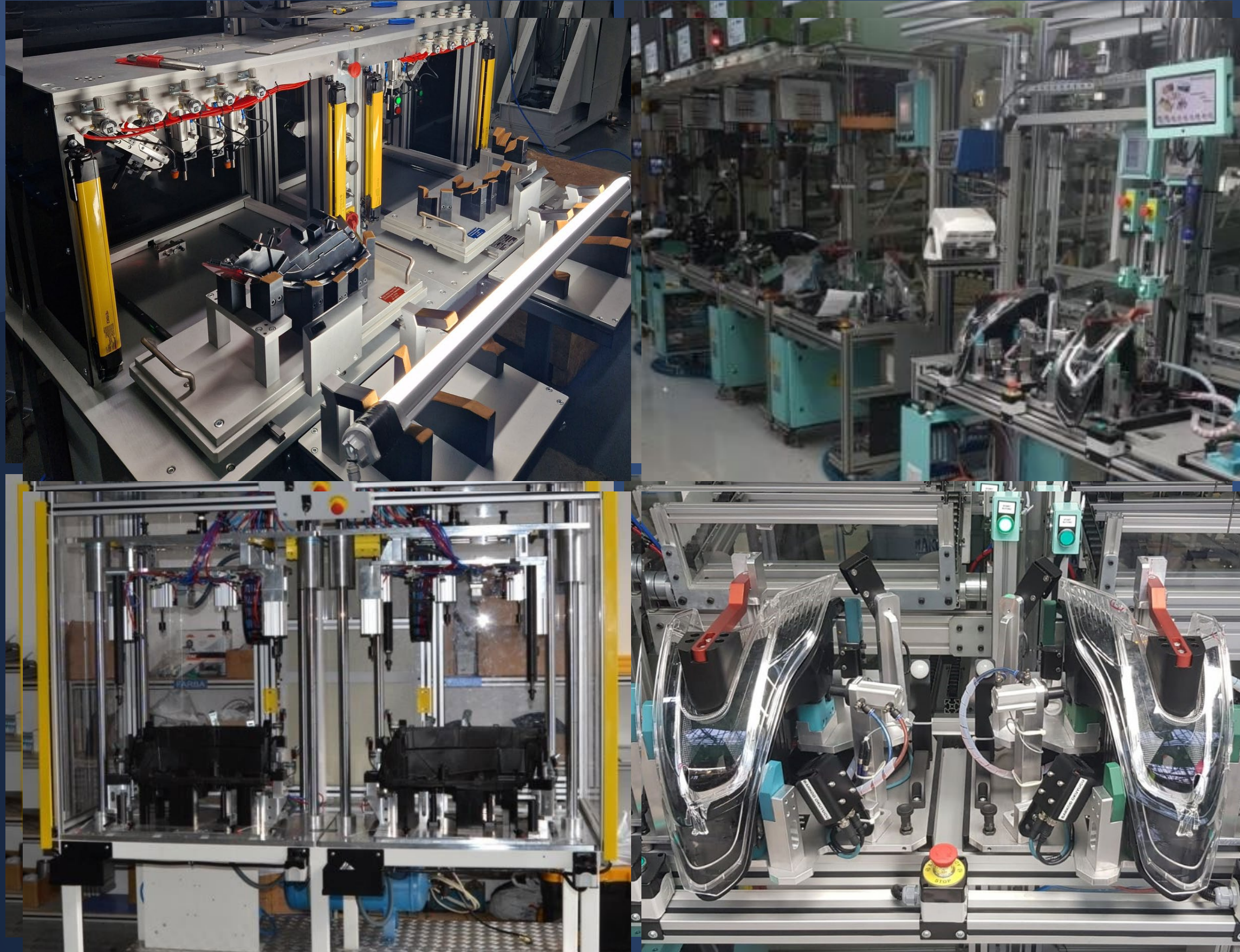
Yoghurt Manufacturing Line

CNC MACHINED PARTS



CNC MACHINED PARTS



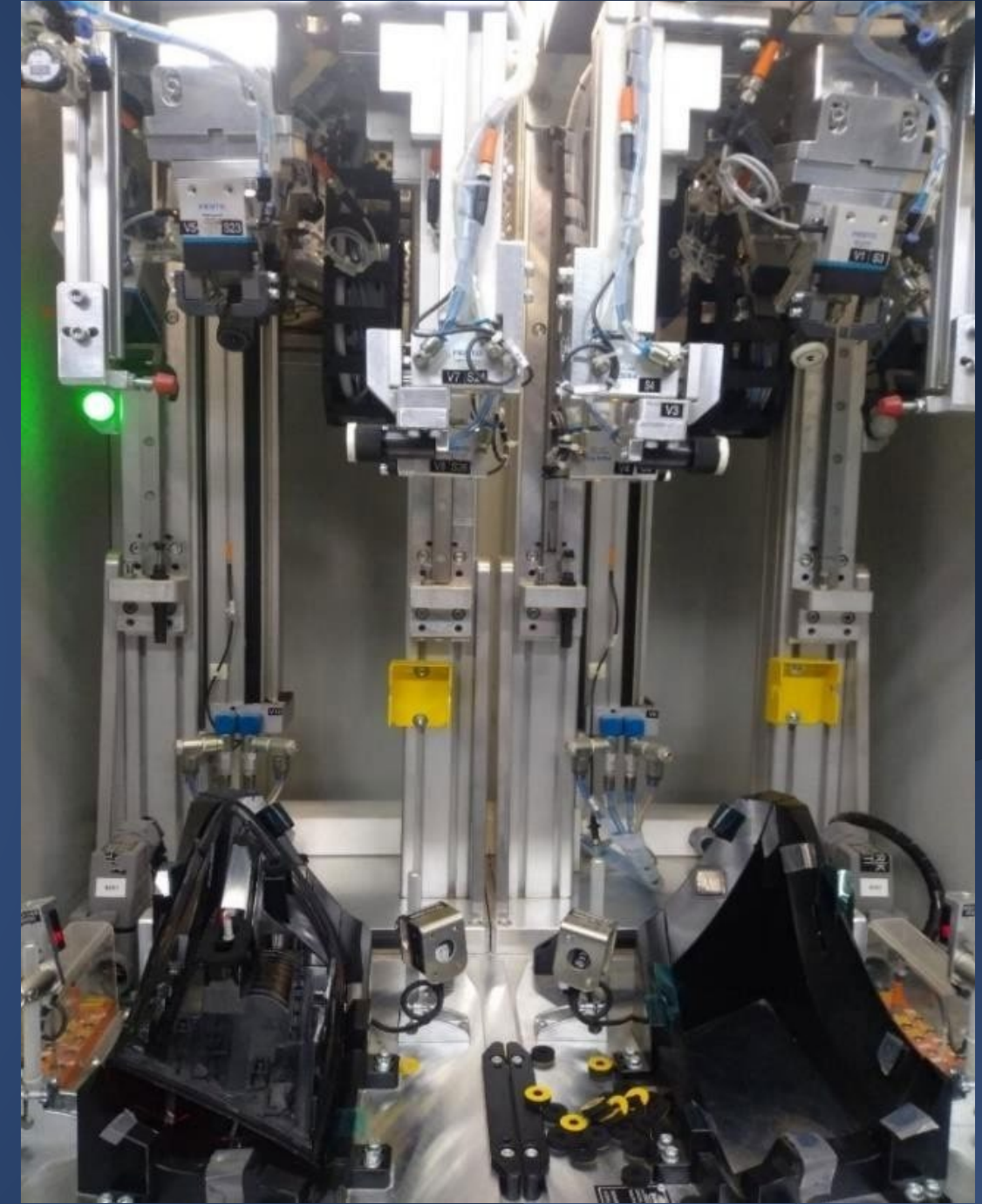


Fixtures and Jigs

At Mertay Makina, we design and manufacture ergonomic, application-specific fixtures and jigs that increase process repeatability, reduce human error, and improve operator safety.

- Custom-designed for part geometry and production flow
- Integrated with Poka-yoke mechanisms, DMC readers, vision sensors, and pressure sensors
- Compatible with PLC-controlled workstations and automated lines
- Focused on ergonomics, durability, and quick-change functionality
- Used in automotive lighting, mirror systems, door modules, and more

Each fixture is developed in close coordination with our customers to ensure full alignment with production requirements and quality goals.



WORK BENCHES AND CABINETS



PLATFORMS AND BARRIERS

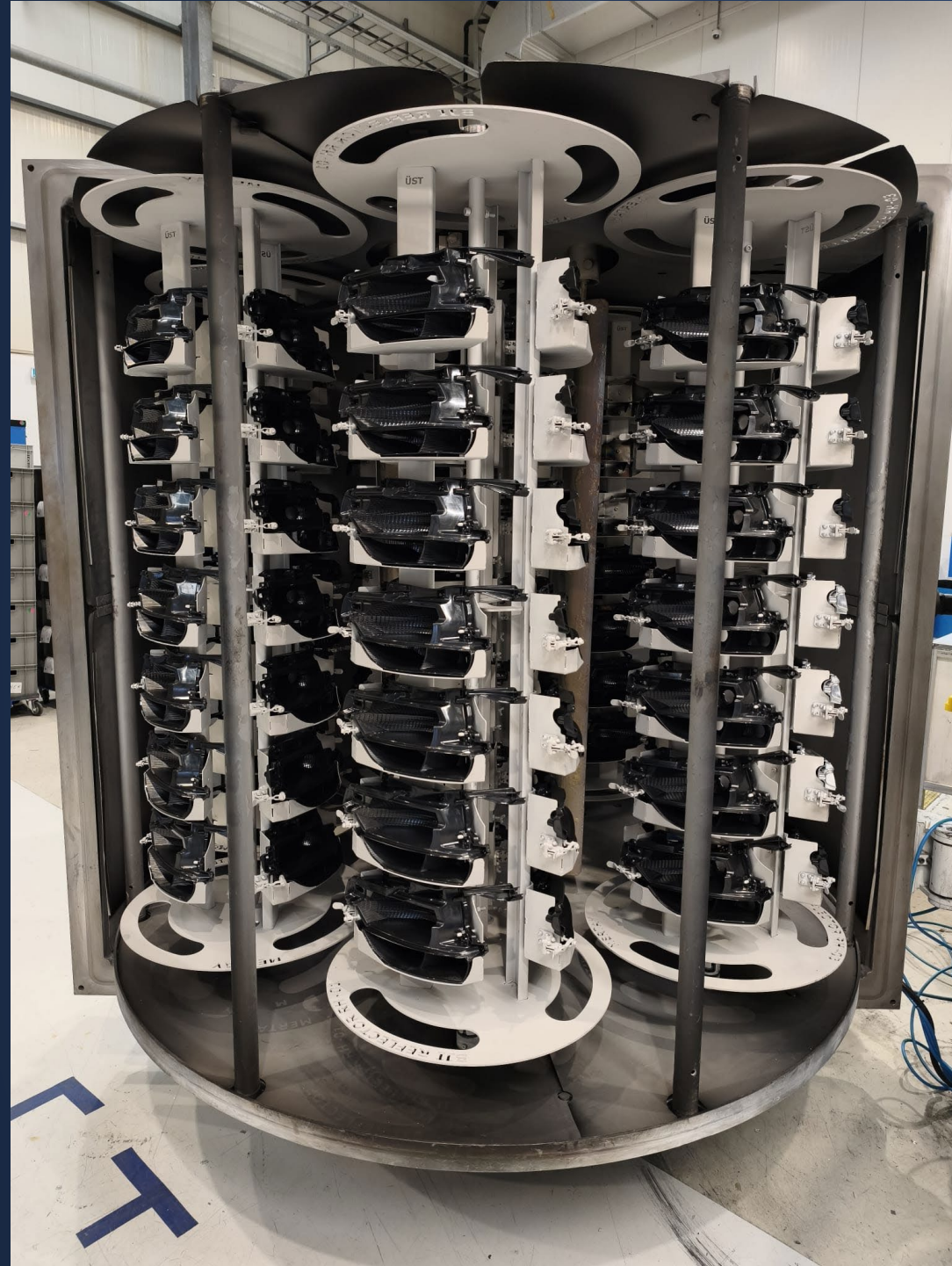


PVD Metallization Fixtures

Custom PVD coating fixtures engineered for precision masking, optimal part exposure, and rapid load/unload cycles.

- Automotive lighting: headlamps, tail lamps, signal covers
- Carbon fiber, sheet metal, thermoformed & composite masking solutions
- Full & partial aluminum coating — compatible with leading PVD chamber formats
- Engineered for repeatability, balance & thermal stability

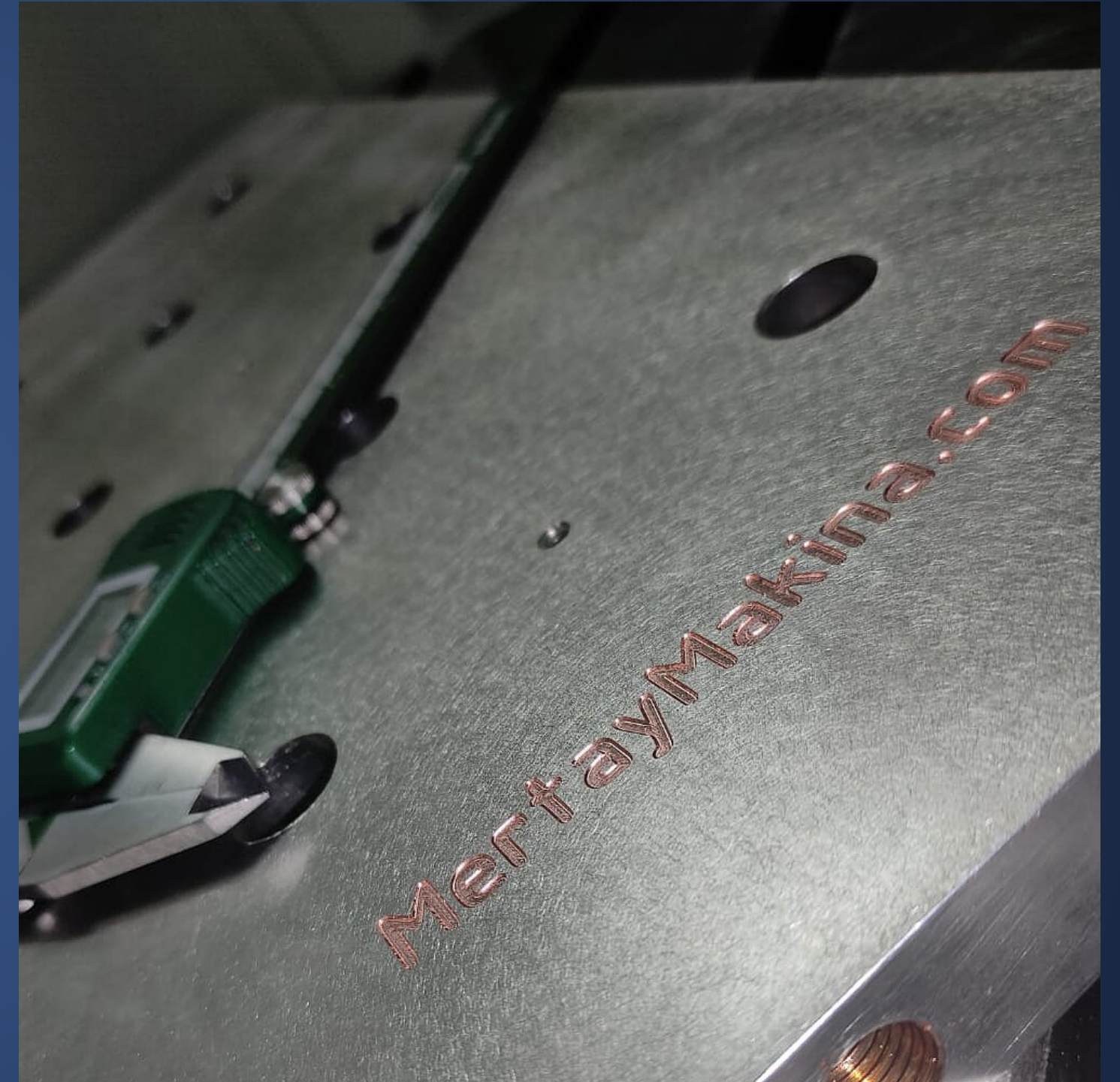




Metallization Racks

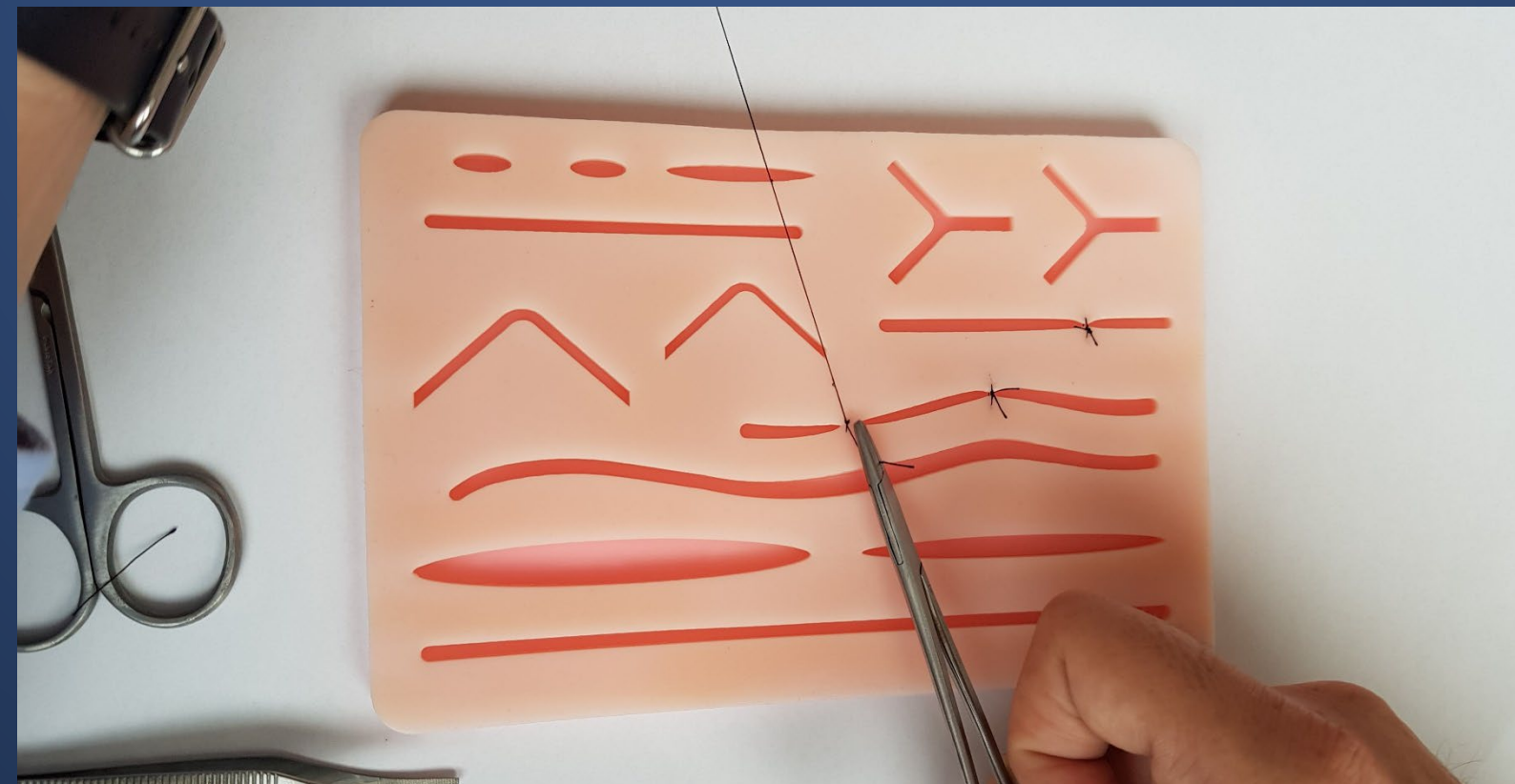


Custom Assembly Fixtures

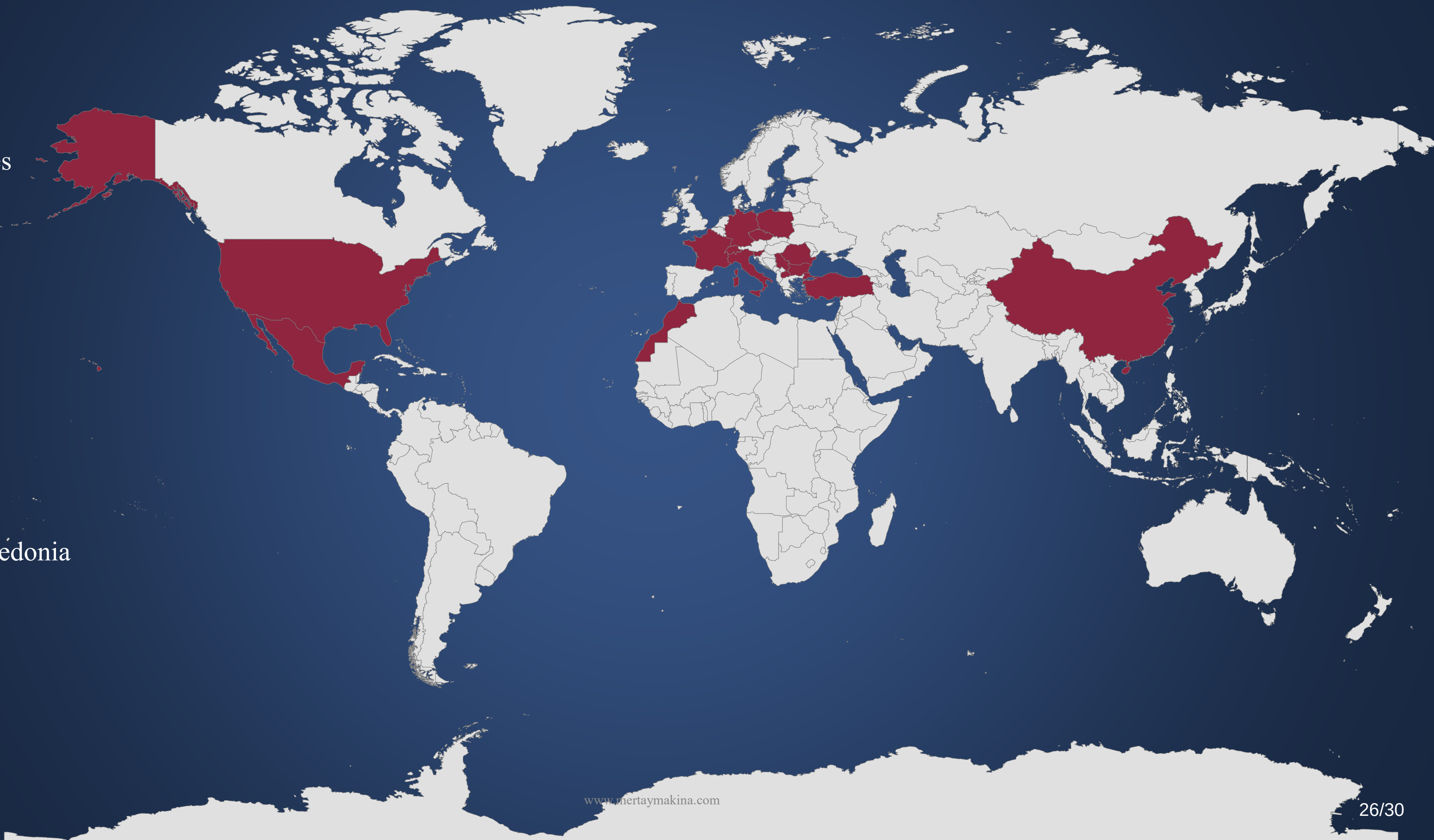


Machined Cooling Plate

Corporate Social Responsibilites



- 1.Turkey
- 2.Germany
- 3.United States
- 4.Mexico
- 5.Switzerland
- 6.France
- 7.Italy
- 8.Morocco
- 9.Poland
- 10.Czechia
- 11.Slovenia
- 12.Bulgaria
- 13.China
- 14.Serbia
- 15.North Macédonia
- 16.Romania





BOSCH



☎ | +90 224 441 96 56

🌐 | www.mertaymakina.com

✉ | info@mertaymakina.com



☎ | +90 224 441 96 56

🌐 | www.mertaymakina.com

✉ | info@mertaymakina.com



☎ | +90 224 441 96 56

🌐 | www.mertaymakina.com

✉ | info@mertaymakina.com

THANK YOU FOR YOUR ATTENTION

 | +90 224 441 96 56

 | www.mertaymakina.com

 info@mertaymakina.com