



M2PROCESS.COM  
M2PROCESS.HU



# M2 PROCESS ENGINEERING SYSTEMS

M2 MAKINE SANAYI TICARET LTD. STI. / M2PROCESS.COM / BURSA / TURKEY

M2 PROCESS ENGINEERING KFT. / M2PROCESS.HU / BUDAPEST / HUNGARY

FULL SUPPLIER SERVICE

PROJECT BASED MACHINES

FROM DESIGN TO INSTALLATION



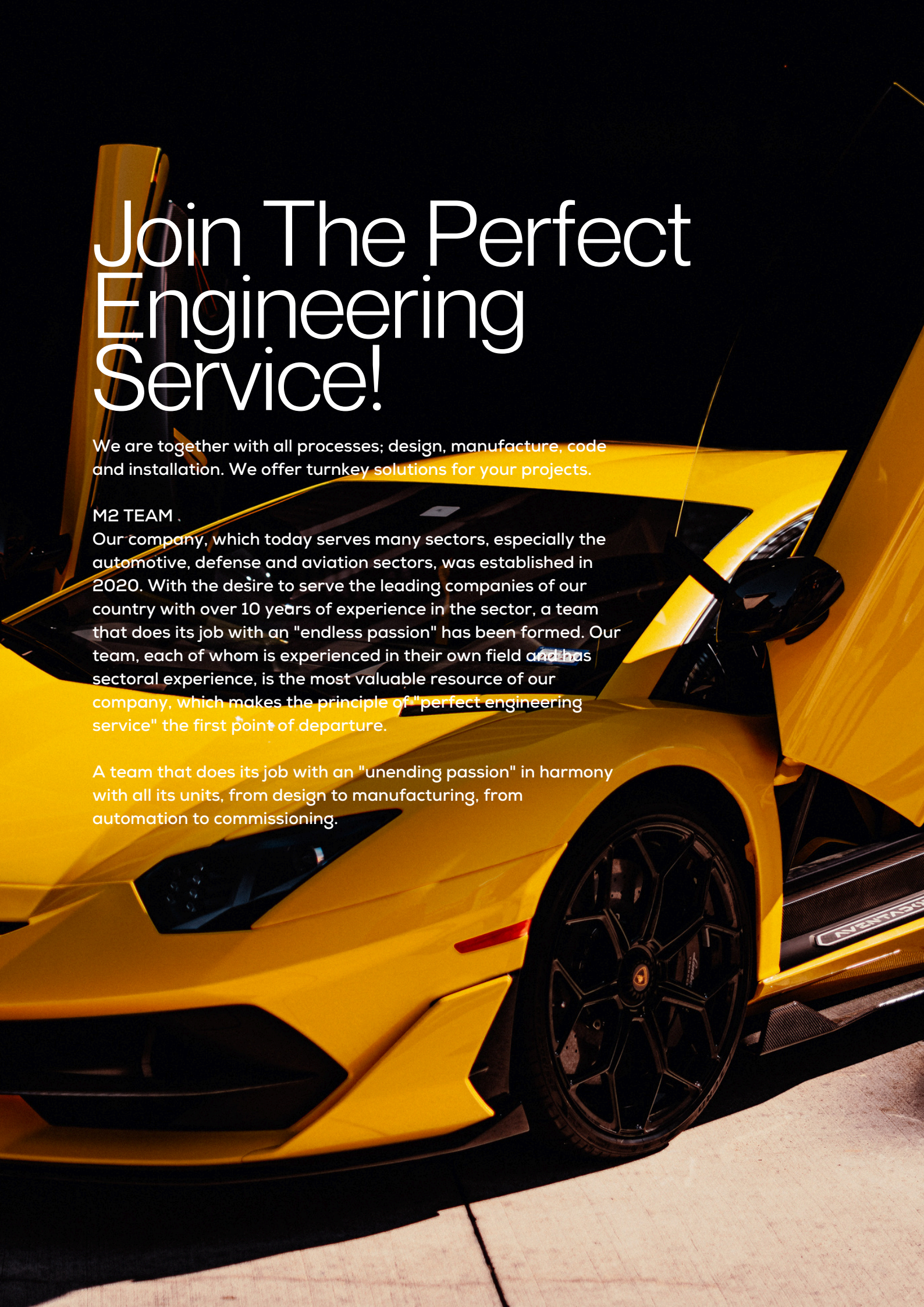
# Join The Perfect Engineering Service!

We are together with all processes; design, manufacture, code and installation. We offer turnkey solutions for your projects.

## M2 TEAM

Our company, which today serves many sectors, especially the automotive, defense and aviation sectors, was established in 2020. With the desire to serve the leading companies of our country with over 10 years of experience in the sector, a team that does its job with an "endless passion" has been formed. Our team, each of whom is experienced in their own field and has sectoral experience, is the most valuable resource of our company, which makes the principle of "perfect engineering service" the first point of departure.

A team that does its job with an "unending passion" in harmony with all its units, from design to manufacturing, from automation to commissioning.







# FULL SUPPLIER SERVICE

While we provide services in the field of "Industrial Machinery" with our standardized, patented, compact feeding systems of M2 design, we also offer turnkey "Project Service" for your projects from design to commissioning. We listen to our customer, evaluate their specification, present our ideas and get started. Our experienced design team designs "perfectly" and we offer innovations every time. With our CNC milling, conventional milling, lathe and other equipment we have in our facility, which has a closed area of 3000 square meters, "we treat every piece as a project and work flawlessly."

Our automation team, which incorporates the world's most common software languages, activates our projects and design comes to life. After thousands of trials in our factory, we provide the installation at the customer site. Traceability systems follow every step, we perform "perfect" installation in compliance with industry 4.0 standards. We never leave you alone. We stand by the systems we produce and provide a quick response to all your requests.



# M2 TURNKEY PROJECT SERVICE

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## WE ARE DESIGNING

In your project-based special machine requests, we evaluate, interpret and design your specifications together with you. We inform you at all design stages, make updates in line with your demands, and start the production process with your design approval.

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## WE ARE MANUFACTURING

After your design approval, we start the production process, we make your project ready in the target deadline, including PLC adaptation, by adhering to our planning at every step. Your project, whose electrical panel, pneumatic panel and software have been completed, is going to the trial phase and we are testing it together with you.

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## WE ARE PROGRAMMING

Our software team assembles the electrical panel and codes its software. Trials are made and the results are observed with you. After your coding, the testing phase starts at M2 Testing Site. Our team performs for best results.

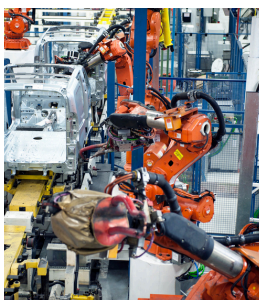
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## WE ARE TESTING

After several times test and performance checking, with your approval, the installation phase starts at your site. Our commissioning team performs the installation at your site. After installation, 24/7 technical support is provided for all your requests.

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## WE ARE INSTALLING

We are installing your project, which we designed and tried together with you, in your field. We are on site during customer audits, providing support and performing seamless installations. We provide 24/7 technical support after installation, and we quickly realize all your requests and requests. We are always with you throughout the life of the project and we do not leave you alone.

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# M2 TEAM CORES

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## PROJECT BASED MACHINES

- Assembly lines and machines
- Poka yoke machines
- Test machines (Leakage, electric, RGB and all.)
- Welding Machines



## ROBOT SOLUTIONS

- Automatic welding robot solutions
- Transfee robots
- Assembly line robots
- Colloborative robots



## FIXTURES

- Reference fixtures
  - Test fixtures
  - CF fixtures
  - Assembly fikstures
- (With experiment for miling all special raw materials.)



## TOOLS

- Kaizen tools
- Assembly tools
- Transforming tools
- Revision tools



## SCREWING SOLUTIONS

M2 is also the famous feeding manufacturer and serving for a lot of global Tier-1 on screw feeding systems.

Included special screws fed automatically, adapting speed and quality in your lines.







# M2 PROCESS FEEDER

Feeding systems are our standard machine group that serves you as an indispensable part of the assembly lines.

## COMPACT FEATURES

- Internal PLC and 7" HMI Display
- Automatic Test Mode
- Internal Pneumatic System
- Automatic Maintenance Mode
- PATENTED SOLUTIONS
- COMPACT SYSTEM
- NO ADDITIONAL COSTS

M2 PROCESS FEEDER, our feeding system serving in the field of industrial machines, is patented. It offers you unmatched experience and comfort.

NO ADDITIONAL AUTOMATION AND MECHANICAL COSTS.

It is much quieter than its competitors in the world. Its most unique feature is; is that it can be used directly. It does not require additional automation, does not require additional mechanical labor. Comes turnkey, serves for a lifetime.

## 3 SYSTEMS ON ONE SCREEN

- Easy control from the home screen
- Automatic mode
- Manual mode
- Test mode

It comes fully installed at no cost to you







# SAMPLE PROJECTS

- Plastic welding;
- Heat stake welding
- Ultrasonic welding
- Vibration welding
- Plastic part assembling
- Plastic part testing

- Metal welding;
- Spot welding
- Arc welding
- Robotic welding
- Metal part assembling
- Metal part testing

- Assembly lines
- Poka Yoke benches
- Test machines
- Operative tools
- Operation control stations
- Automatic control processes
- Part weight and count control equipments
- Automatic screw feeder

- Productivity applications
- Traceability applications
- Revision line solutions
- Serial part new control adaptation
- Cycle time decreasing solutions
- Industry 4.0 solutions







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**Autoliv**

**Valeo**

**AKWEL**

**M**  
MARELLI

**rexroth**  
A Bosch Company

**a-plas**  
Genel Otomotiv Mamülleri San. ve Tic. A.Ş.

**DENSO**

**FEKA**  
AUTOMOTIVE

REFERENCE CUSTOMERS







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