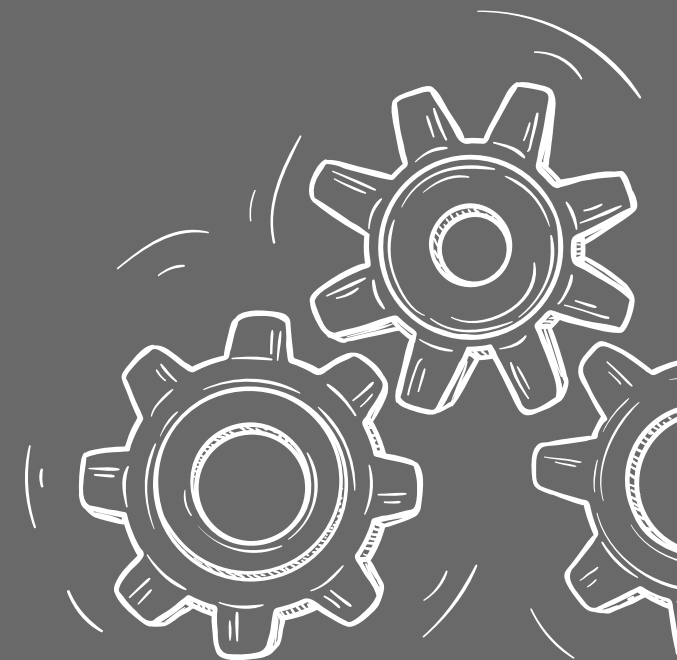


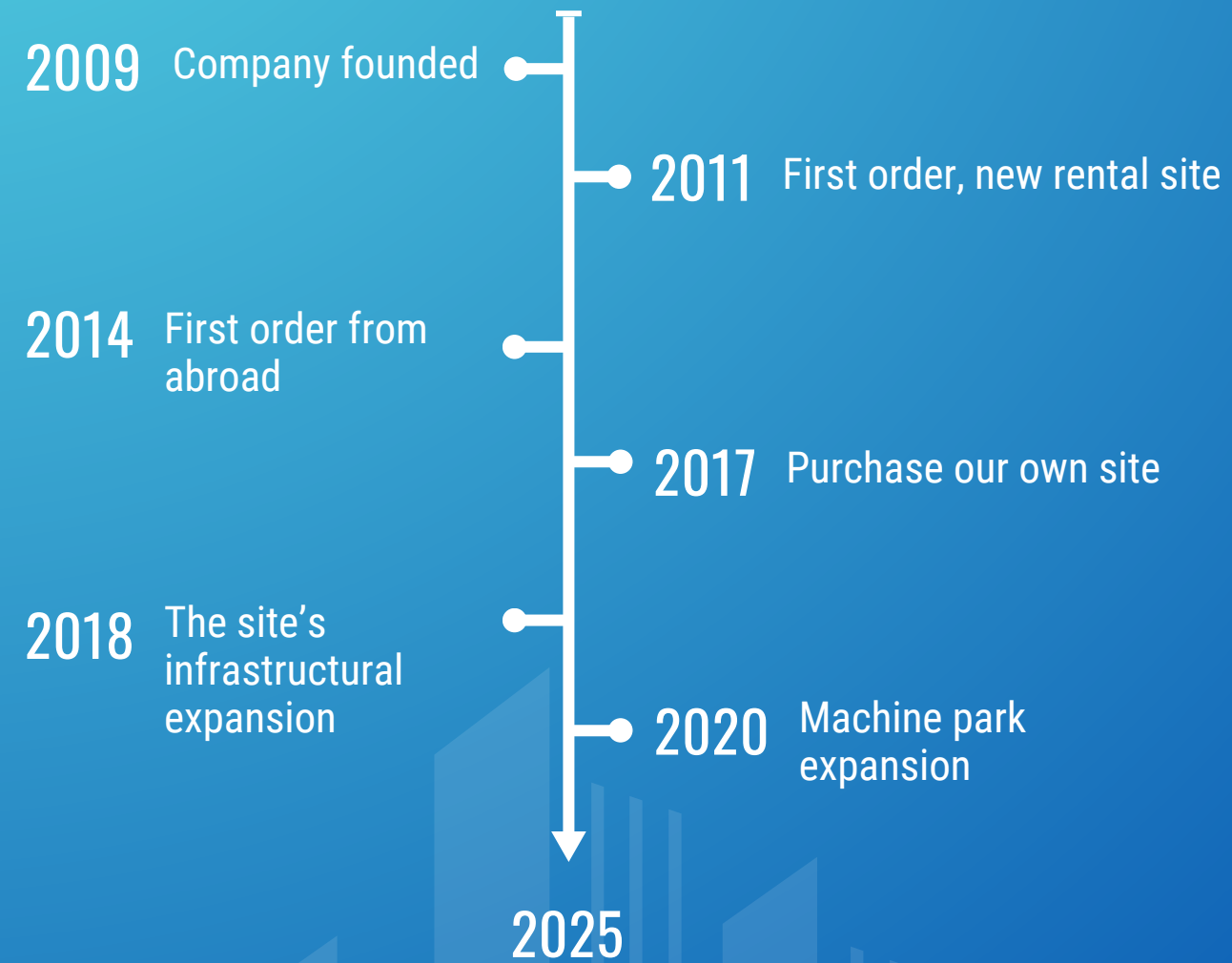


CELPEX LTD.

COMPANY PRESENTATION



ABOUT US



Located in Hungary
 Over 15 years experience
 Nearly 50 employees
 3.000 m2 own site
 ISO certified

- More than 100 successful projects execution every year
- Machines manufactured and installed in more than 5 countries
- Full coverage from small production to complex automation
- Long-term partnerships from the beginning
- Portfolio expanding constantly with new partners
- Employee retention
- Acquired knowledge and experience continuous development
- Employee training
- Learning and mastering new technologies

Our team:

- mechanical designers
- programmers
- sales engineers
- financial and tender specialists
- production managers
- project managers
- electricians
- mechanicals
- CAD / CAM / CNC technician
- metal workers



ABOUT US

Represented industries

Electric vehicles

Battery production

Food

Plastics

Electronics

Storage

Vehicle

Energy

Furniture

Printing house

Packaging

Renewable energy

Pharmaceutical and cosmetics

Services:

- 1 New and existing unique machines
- 2 Manual assembly stations
- 3 Rotary table machines
- 4 Vibrating feeder systems
- 5 Packaging and labeling
- 6 Industrial robotic applications



- 7 2D and 3D measuring and inspection systems
- 8 Screwdriving, welding and marking technologies
- 9 Punching, cutting and heat-pressing units
- 10 Marking and labeling
- 11 Conveyors and material handling

Our company offers solutions for many sectors, from small components to large production lines, regardless of technology, customized solutions develop that meet the constantly changing market needs.

KNOW HOW

Software

3d machine design:

- SolidWorks
- Autodesk Inventor

Control design:

- SolidWorks Electrical
- EPLAN

Part production:

- SolidCam
- Autodesk Fusion



Applied technologies:

Industrial robotics

- 6 axis
- SCARA
- collaborative
- painting
- welding
- food industry

Marking

- label printing
- applicators
- videojet printing
- inkjet printing
- laser marking

Screwing

- pneumatics
- servo motor
- automatic / manual
- screw feeders
- rotation and torque measure

Vision

- 2d and 3d image process
- inspection
- measuring
- counting
- positioning

Drive

- servo motors
- stepper motors
- synchronous / asynchronous motors
- frequency converter controls
- rotary table drives

Packaging

- box folding
- gluing
- foil, heat shrink
- bulk packaging
- traying
- palletizing



KNOW HOW

Software

PLC and HMI programming:

- Siemens TIA Portal
- OMRON CX ONE
- Allan Bradley
- Mitsubishi
- Schneider





Allen-Bradley







Company management:

- self-developed company management system (VIR)

Robot programming:

- FANUC
- KUKA
- ABB
- MITSUBISHI
- YASKAWA

Applied technologies:

Measuring technology

- physical parameters
- 3d surface
- geometrics
- layer thickness
- electrical parameters

Software

- database handling
- visual displays
- traceability
- production support software
- remote access
- machine status indications

Hydraulics

- power supplies
- cylinders
- complete systems
- pressing
- material handling

Welding

- electrode
- gas
- ultrasonic
- laser
- resistance

JIG

- assembly JIGs
- inspection and test
- transfer

Vibration feeding

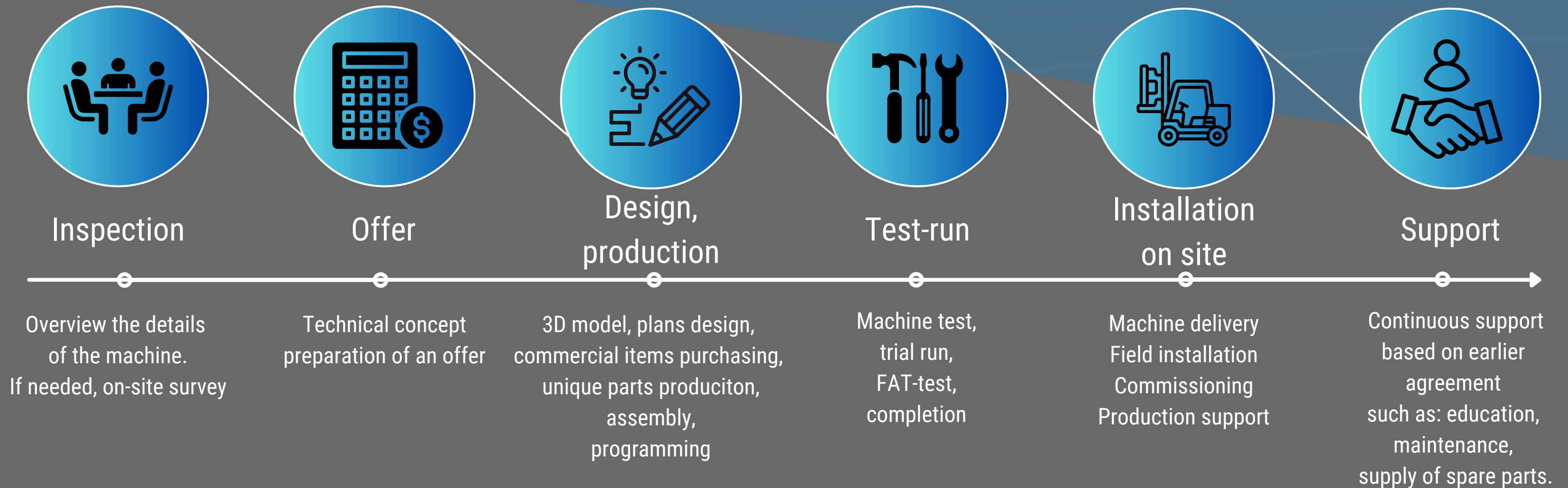
- bowls
- rails
- separating

Conveyors

- vertical and horizontal material handling



PROCESS



Every machine and software is made to individual needs.

In the field of automation and mechanical engineering, every process and product is unique.

Our company carries out the complete design, production, assembly and commissioning of special purpose machines.

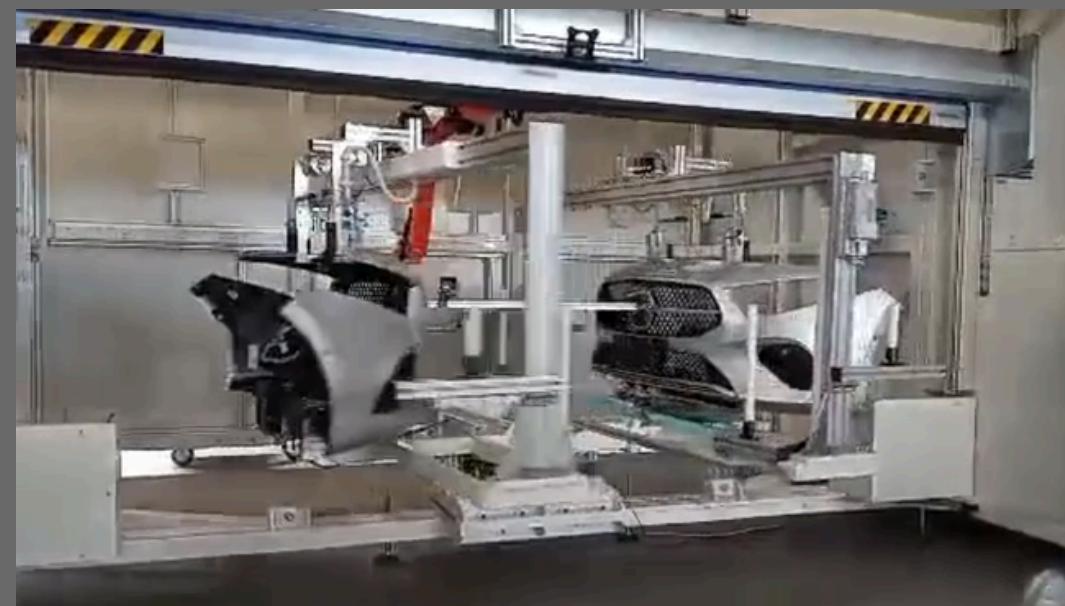
REFERENCES

Our partners include both hungarian and foreign companies.

Water meter internal unit
installation machine



Bumper inspection turntable
with robotic camera



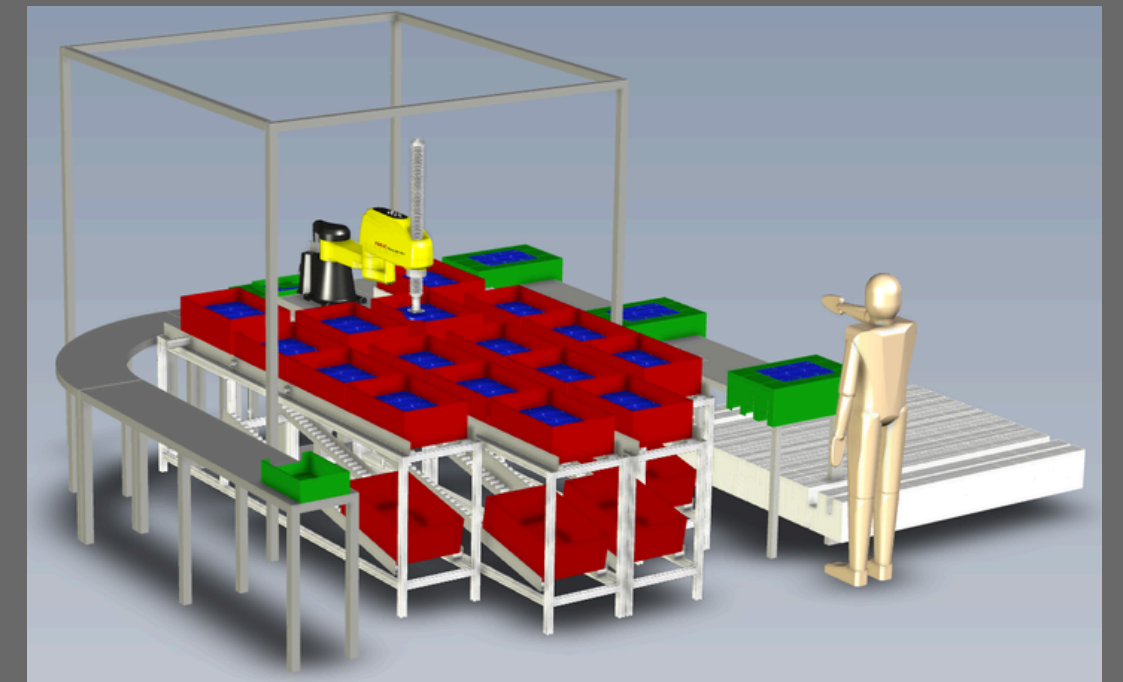
PV string inspection



Project implemented in concept:

Kométa 99 Zrt.

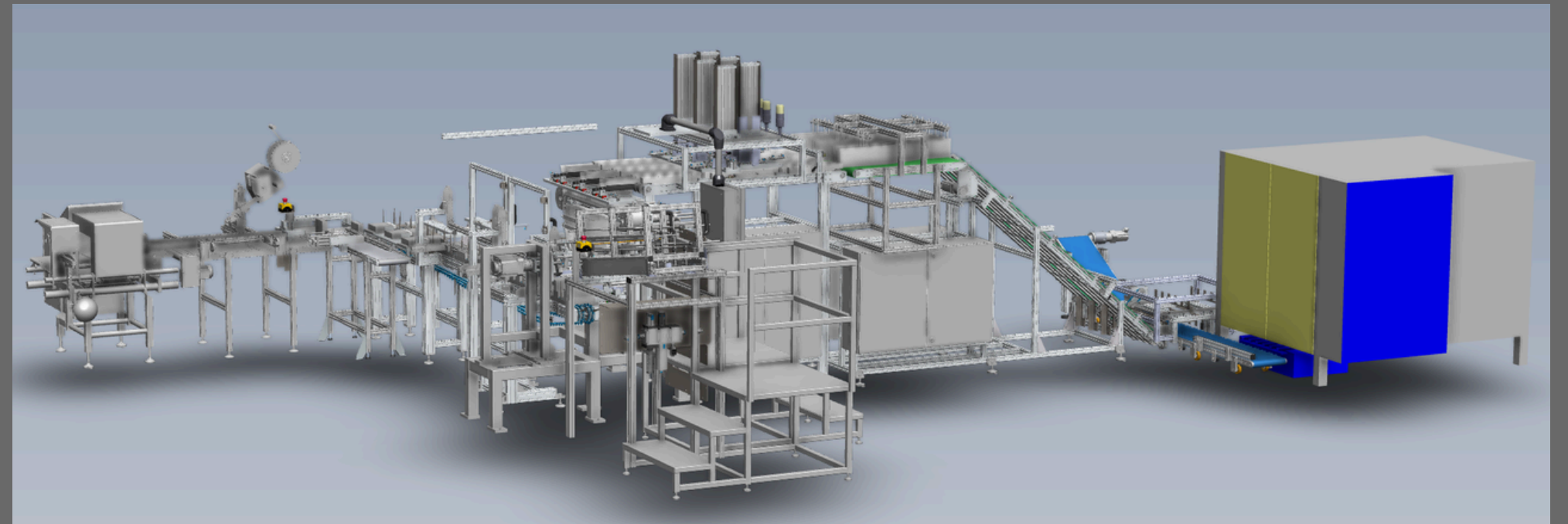
Implementation of a mixed cardboard using robotic
technology



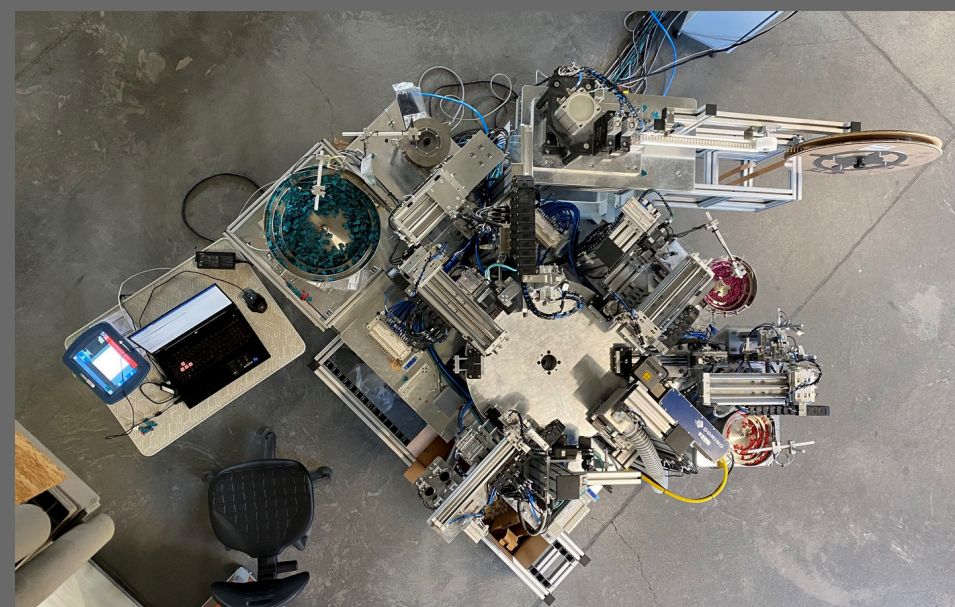
REFERENCES

We strive for quality and reliability in the design and manufacture of machines.

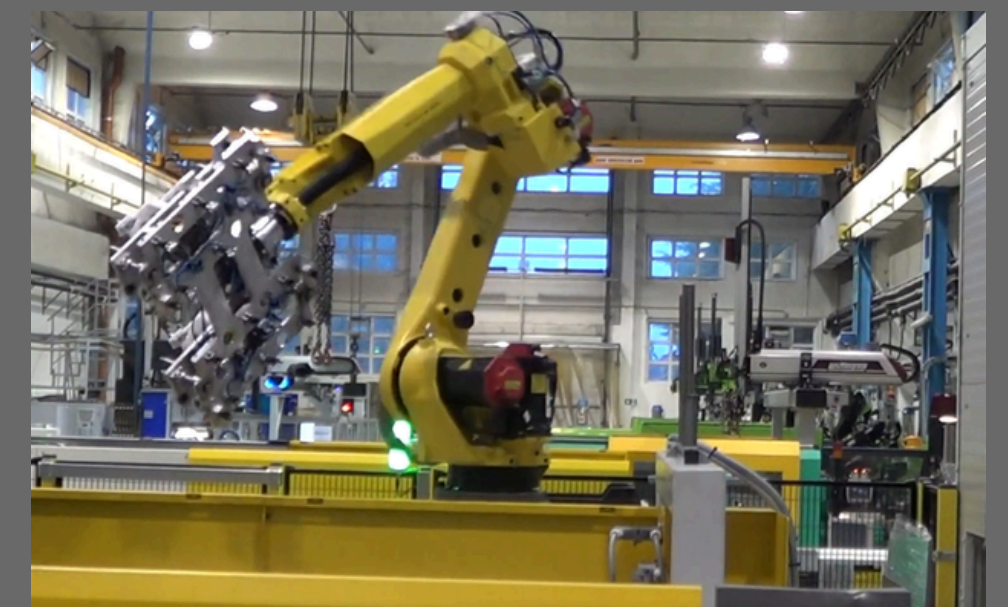
Automatic instant coffee packaging and box production line



Automotive connector assembly and marking rotary table



Battery unit assembly robotic cell



REFERENCES

We only prefer products that ensure quality,
taking into account the preferences of our
partners.

Injection molding machine
robotic service



Truck rotary table drilling machine



Common Rail assembly and
testing rotary table



Common Rail sensor assembly



REFERENCES

The knowledge and experience accumulated over the years play a key role in the company's operations.

We maintain long-term relationships with our customers, which contributes to strengthening trust and loyalty.

Our clients include both Hungarian and foreign companies.

Bumper inspection rotary
turntable with robotic camera

Molding machine service
with robots

Grinding machine automatic
feeding system

Automotive connector
assembly rotary table

Robotic cell modification

Common Rail welding JIG

Rail bending

Common Rail laser marking
cell with robot

Insert and rivet nut vibration
feeding system

Plastic medical bottle
trimming

Existed machine addition
with laser marking

Grinding machine outfeeding
with palletizing

Leakage detection

Turbo wheel robotic cell
modification

Casing pipe washing and
drying manual station

Semi-automatic pipe coating
inspection machine

Common Rail thickener and
camera inspection machine

Manual grease station

Truck rotary table drilling
machine

Existing robotic welding cell
conversion

Battery unit assembly robotic
cell

Surface treatment machine

Roller feeder rotary table
vending machine

Roller bearing automatic
assembly and inspection
machine

Magnetic tape assembly
rotary table machine