01 · ABOUT SIA MM

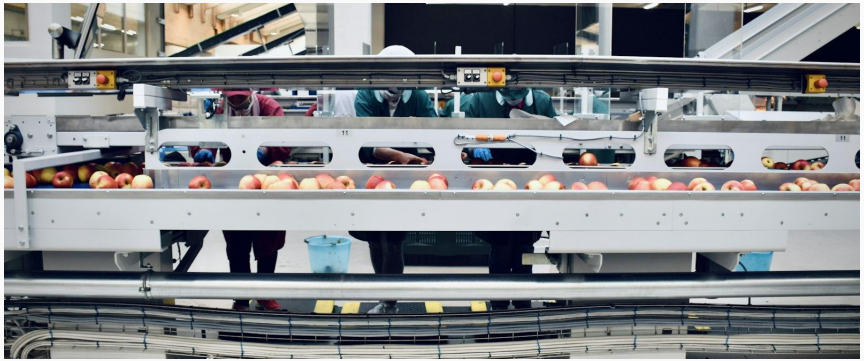
A start-up integrator with a factory-experienced team

THE COMPANY

Start-up founded in 2022 in Sigulda, Latvia

We design, build and commission production and packaging lines for food producers and test them in our own demo centre.

PIC 864839973 · micro-enterprise · EU widening country



WHAT SIA MM OFFERS

01 **Packaging lines:** line design and equipment integration

02 **Automation & control:** filling, weighing, PLC, data

03 **Robotics & end-of-line:** case packing, palletising, cobots

04 **Pilot validation:** requirements, KPIs, scale-up plans

THE TEAM · EXPERIENCE FROM EARLIER ROLES

Edgars Jaškulis: 20+ years in manufacturing; scaled an ice-cream plant from 250 to 1,100 t a year (2015–2024).

Diāna Skudra-Jaškule: 20+ years in management and finance; led 30+ EU and investment-funded projects.

Valdis Grigielis: 20+ years building and servicing electronic control systems.

SIA MM itself is a start-up; the team experience above was gained in earlier roles at other companies. Illustrative photo. · **www.mm-robotics.com**

02 · PILOT ENVIRONMENTS

We bring real food factories into EU pilots

EXAMPLES ONLY **Fish, ice cream, dairy and bakery are examples;** other food producers can host pilots too.



REAL FACTORIES, NOT LABS

Live production lines, real process data and operators who test the technology every day.



ICE CREAM

Quality vision, energy



FISH · 2 PLANTS

Robot handling, tracing



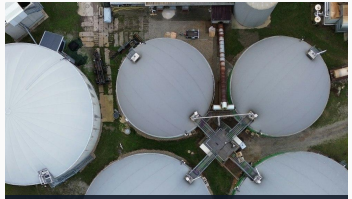
DAIRY

AI on existing line data



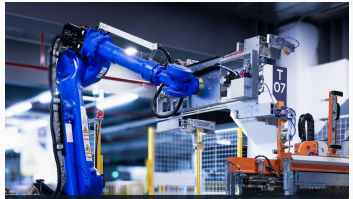
BAKERY & BISCUITS

Packing, vision QC



BIOGAS + CO_2

Sensors, CO_2 purity



ROBOTICS R&D LAB

Sim-to-real tests, HRC

MM integrates the technology on site; the host provides access, process data and validation. Sites are anonymised and confirmed with each owner per project. Photos are illustrative.

03 · DEMO CENTRE, SIGULDA

Test on our demo line in Sigulda before the factory

An optional step between the lab and the host factory: the technology first runs on a real production line.

1 · LAB

Partner's prototype

Technology proven in the lab or in simulation

2 · SIGULDA DEMO LINE · OPTIONAL

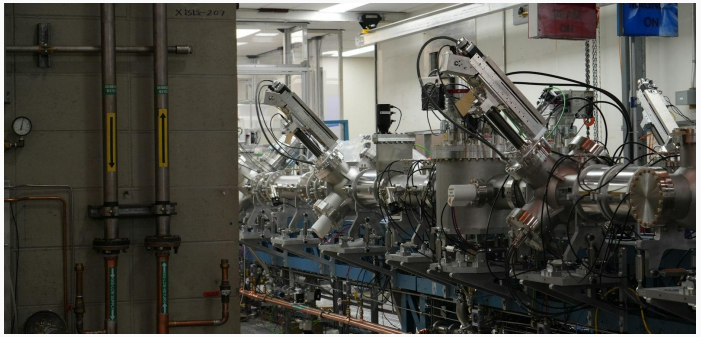
Trial on a real production line

Integrate, test and tune with production and packaging equipment, away from live production

3 · HOST FACTORY

Pilot on site

Validation with real products, operators and process data



WHAT PARTNERS CAN DO THERE

01 **Integrate** sensors, robots or AI with production equipment

02 **Run trials** without stopping a customer's production

03 **Measure KPIs** and tune settings before site installation

04 **Show results** to consortium partners and evaluators

Optional step, planned per project; equipment and scope are agreed with partners in advance. Illustrative photo.

04 · ROLE IN PROJECTS

MM leads the work that happens on the factory floor

ROLES WE TAKE IN A CONSORTIUM

- Pilot site lead
- System integrator
- Work package leader
- Use-case provider
- Validation partner

WORK PACKAGES WE LEAD

Pilot integration & deployment
Site access, installation, validation campaigns

Requirements & use cases
Real factory constraints turned into specifications

Industrial validation, KPIs & safety
Test protocols, baselines, safety and KPI evidence

Exploitation & replication
Uptake plans with Baltic manufacturers

WORK PACKAGES WE CONTRIBUTE TO

Sensors, data acquisition & OT/IT
Sensor networks and PLC/SCADA links on old lines

Digital twin & AI testing
Sim-to-real checks of partner models on real lines

Dissemination & stakeholders
Latvian network: LTRK, LIAA, LDA, clusters

Project & financial management
Pilot coordination, reporting, cost control

Fits: Horizon Europe CL4 (robotics, AI, digital twins), CL5 (energy), CL6 (food, bioeconomy), LIFE, Eurostars, cascade calls.

Contact: Diāna Skudra-Jaškule · diana@mm-robotics.com · +371 2000 2114