

 **VT Mechatronics**

**YOUR PARTNER
IN EUROPE
FOR ASSEMBLY**

—
2025

TECHNOLOGY

STABILITY

SUSTAINABILITY

DYNAMISM



A vertically integrated **industrial group** with global footprint and best cost-overhead

- Privately owned
- Financially strong

One of the leading European **EMS providers**

- With extensive operations for mechanical parts

Complex service provider owning and operating **industrial parks**

- Including facility management and workforce secondment

30+ years of proven „**adaptive**” **strategy**, maintaining diversity

- In customer-base: accounts from up-and-coming companies (incl. startups) till established global players
- In market segments: Traditional markets (like Automotive, Industrial or Household) as well as dynamically growing segments (such as Portable Energy, IoT or Smart Home)
- In technology and activities: making parts, modules and final-assembled products

HIGHLIGHTS OF VIDEOTON GROUP

Founded in

1938

Private since

1992

Revenue
(2024)

775 M €

Equity
No debt since 2005

596 M €

2024

1

... of the Most
Valuable
Companies
of Hungarian
Ownership**

10*

Locations

*incl. on-going acquisition
*without possible expansion
locations

8450

Employees*
(2024)

4th

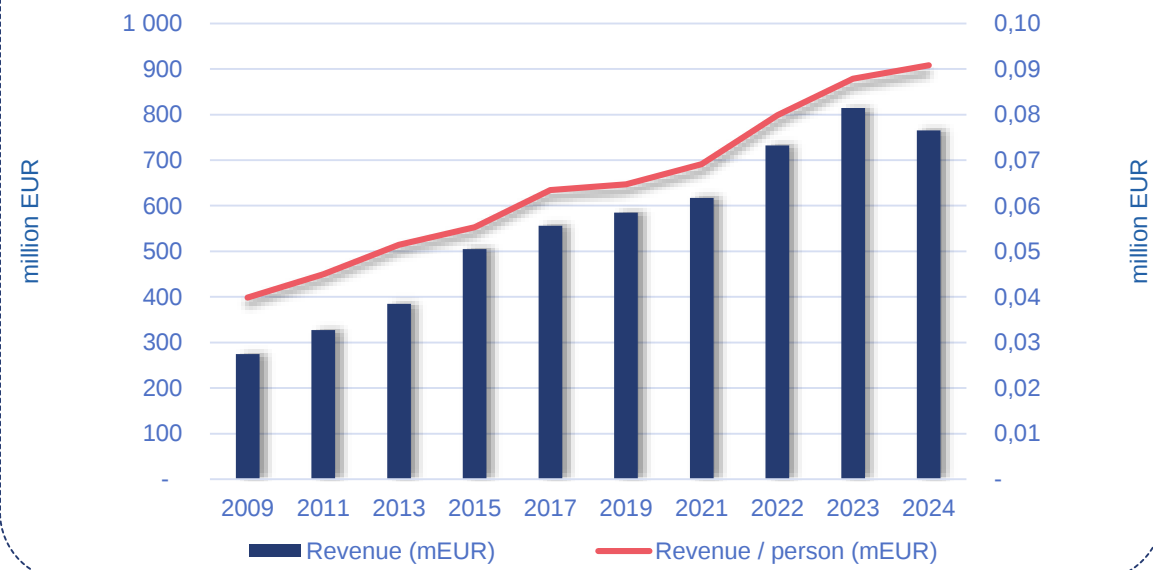
Among EMS
Companies HQ'd
in Europe

* 2500 employees in services and temporary work

** According to Forbes in 2021

PROGRESS IN RECENT YEARS

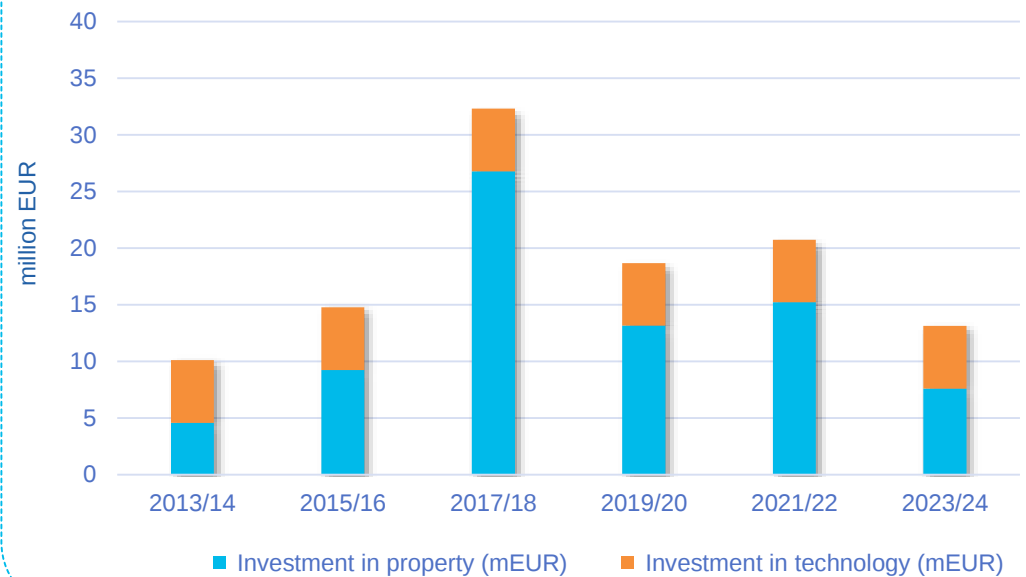
Sales revenue



Organic growth for more than a decade

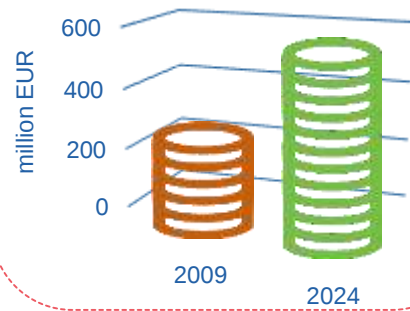
Substantial proportion of VIDEOTON's profit is retained

Investments



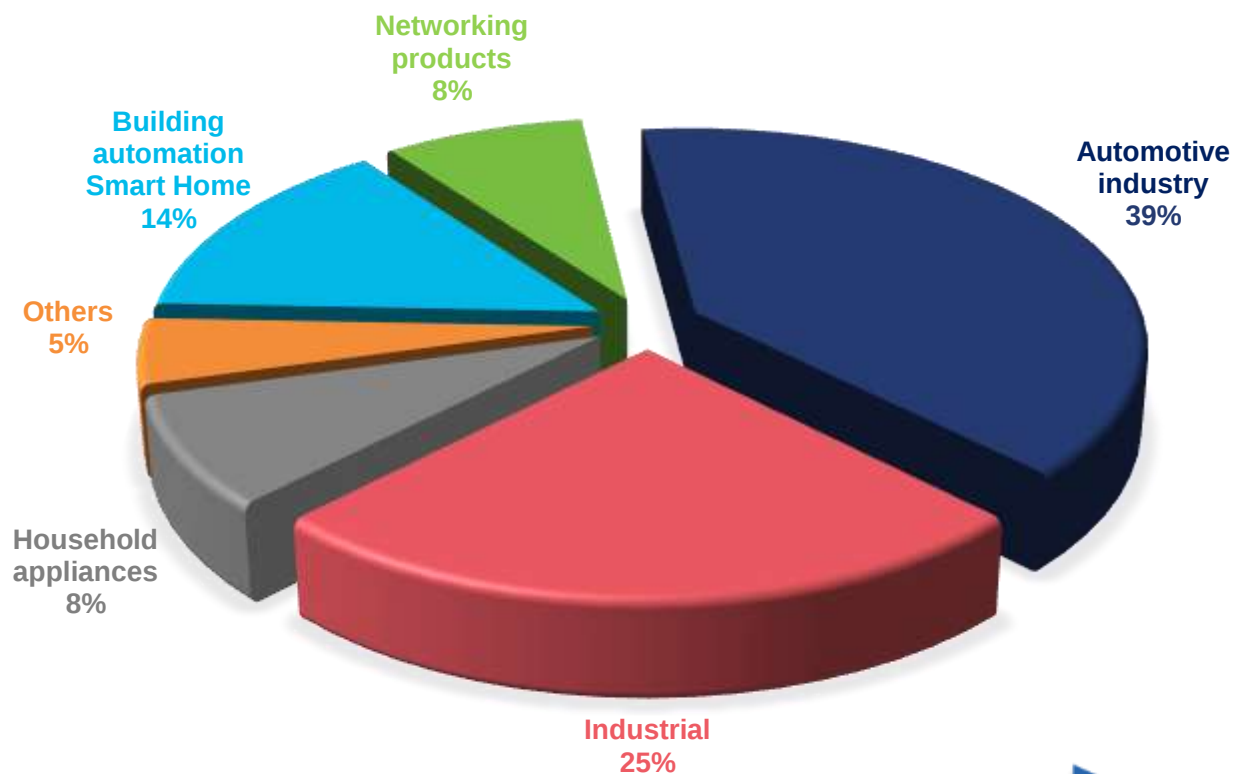
Net equity

Remarkable increase for more than a decade

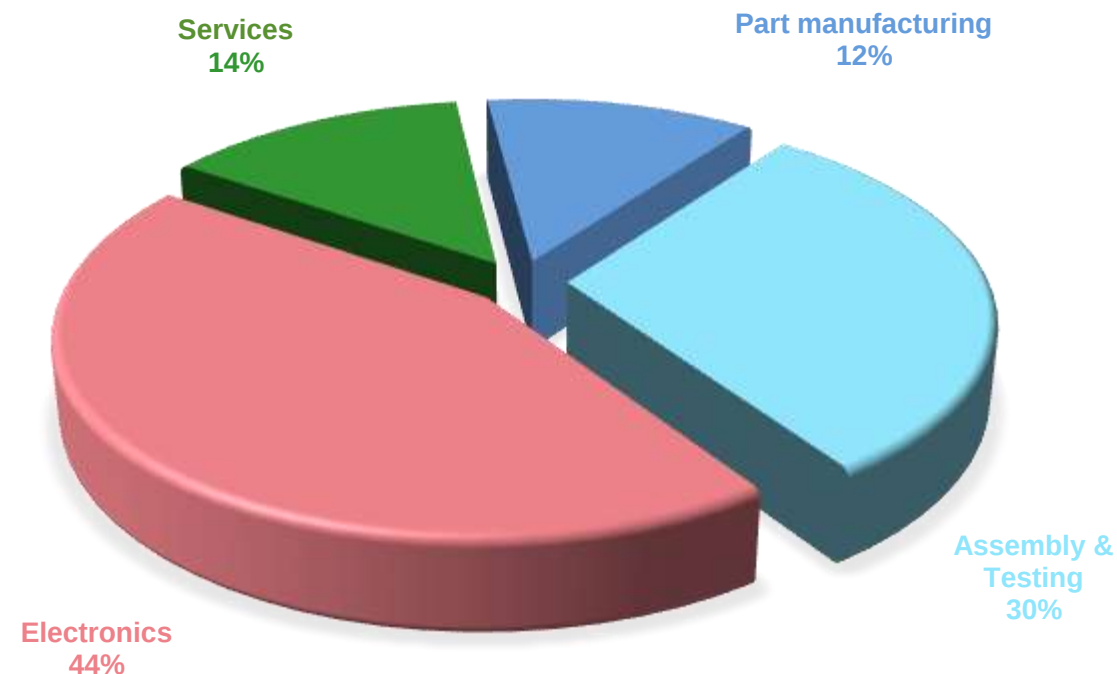


Fully equity financed

MARKETS & ACTIVITIES* AT VIDEOTON GROUP



Activity Breakdown



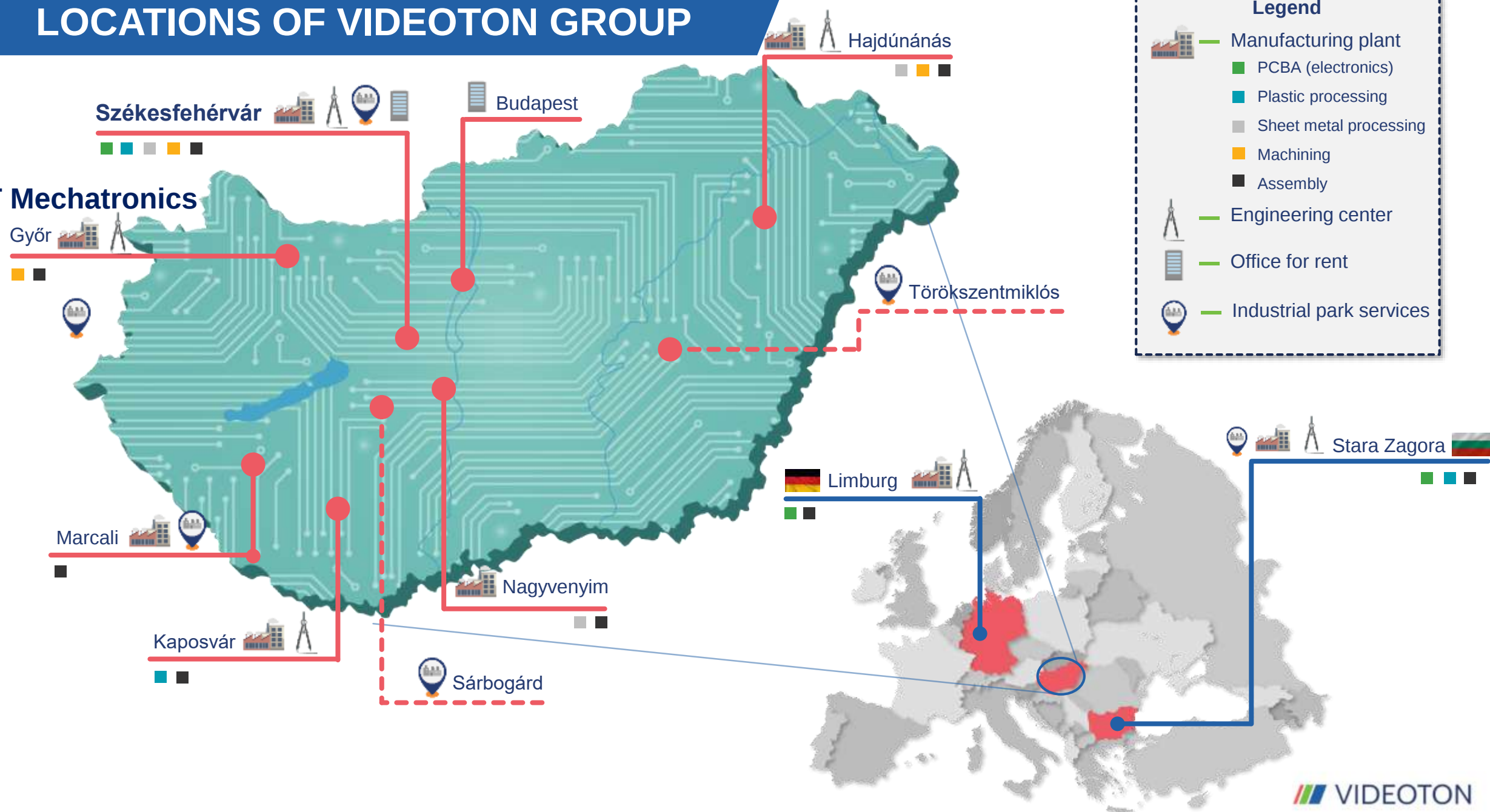
* 2024

** Turnover without Services

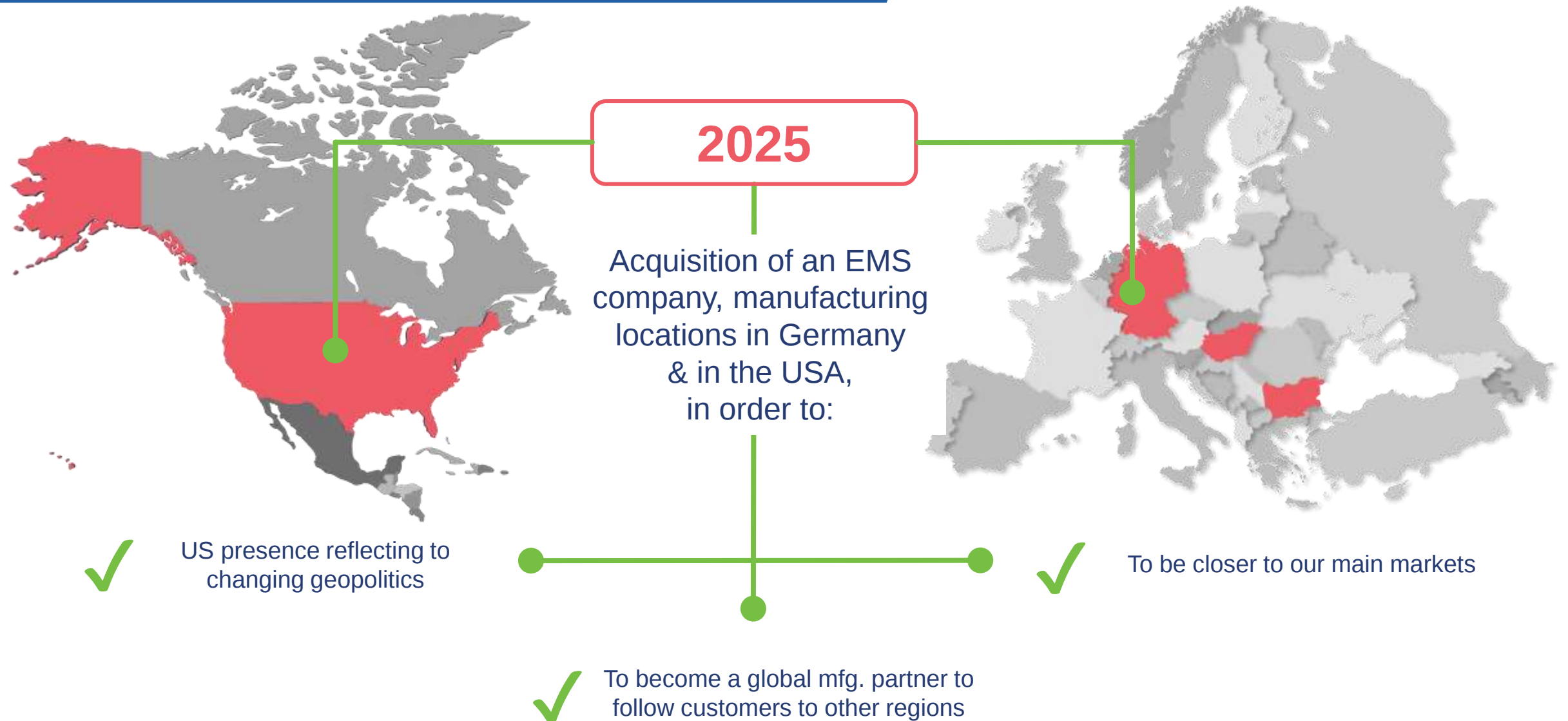
*** Including Electrical safety, Power generation, UPS, Instrumentation & Measurement, Semiconductor industry, Photovoltaics, Terminals & vending machines, Commercial and Industrial HVACR, LED Lighting, 3D printers, Robotics, Water treatment, Elevators, Power tools, Professional floor care machines

LOCATIONS OF VIDEOTON GROUP

VT Mechatronics



GLOBAL MANUFACTURING FOOTPRINT



Manufacturing Companies

PCBA & Box build assy.



VT Automotive Electronics
Automotive EMS
Box build assembly



Videoton EAS
Non-automotive EMS
Box build assembly



Videoton EAS Bulgaria
Non-automotive EMS
Box build assembly



Limtronik / Videoton D
Automotive EMS
Non-automotive EMS
Box build assembly



Limtronik / Videoton USA
Automotive EMS
Non-automotive EMS
Box build assembly

Part mfg. & Box build assy.



VT Elektro-PLAST
Assembly & box build,
Plastic inj. moulding,
Battery pack assembly



VT ES
Box build assembly
Enclosure manufacturing
Sheet metal fabrication



VTBH (Bulgaria)
Electromechanical and mechanical
assembly & box build services



VT Mechatronics
High complexity assembly
and machining



VT TIPA
Robotized assembly lines
Testers



VT ASYST
Robotized assembly lines
Testers

Part mfg. & Heavy duty assy.



VT Plastic
Automotive-focused injection
moulding



VT Bulplast (Bulgaria)
Thermoplast injection and thermoset
injection and compression moulding
Tooling



VT METAL
Medium to high volume machining
Electroplating, KTL



KVJ Muvek
Stamping w/ presses



VENTIFILT
Heavy-duty fans, filters
Large steel fabs



VT Systemtechnics
Shelter / container mfg.

Service Companies



Pannonjob
HR services



Industrial Park
Building lease & services



VT ARtrans
Logistics services



Pannonfacility
Facility management

VIDEOTON HOLDING mainly shared services towards subsidiaries

Finance

Controlling

Property Mgmt

Legal

Business Development

Sourcing

IT

HR

Design & Engineering

LEVELS OF VIDEOTON GROUP SERVICES

HIGH LEVEL ASSEMBLY & BOX BUILD & SYSTEM INTEGRATION



CORE ACTIVITIES



PCBA



Battery pack
assembly



Plastic Injection
Moulding



Sheet metal
fabrication



Stamping



Machining

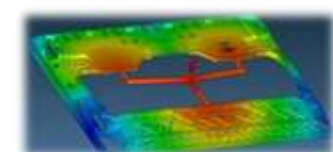


Surface
treatment

Design & Engineering



Co-design of mechanics &
PCBAs, early involvement



DfX services Production
engineering



Industrialization

Supply chain management



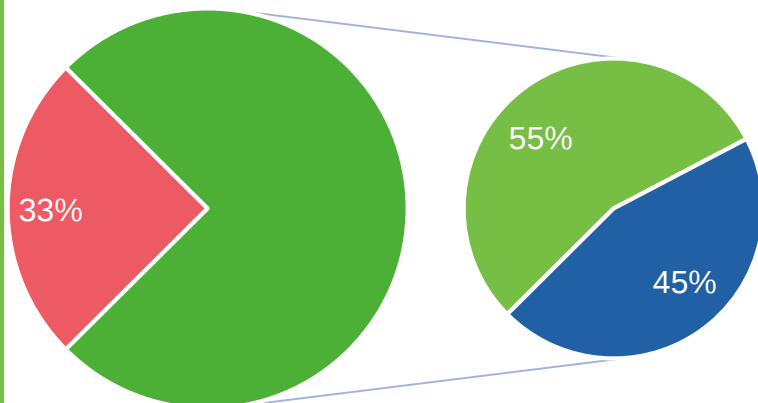
Value chain & vertical integration

ADD-ON SERVICES

CORPORATE SUSTAINABILITY

We are committed to set good examples & reach true impact through our activities.

2/3 of electricity from green sources in 2023



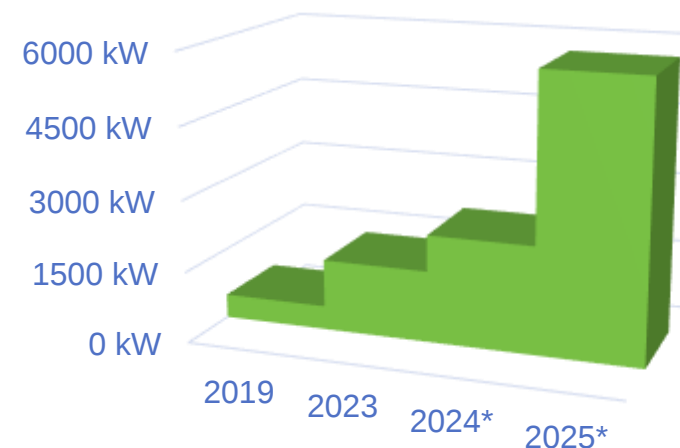
■ renewable ■ low-carbon ■ fossil

**Aiming to build up to
75% green energy
by 2026**

- ✓ Measuring Scope 1&2 CO₂ emissions for 5 years at group and member company level
- ✓ Link to our ESG roadmap
- ✓ VIDEOTON Group is rated by EcoVadis
- ✓ Possibility of acquiring GO (Guarantee of Origin) certificate for specific projects



Dynamically growing PV production capacity up to 5,5+ MW by 2026



Reaching 10% share of own PV energy by 2026

VT Mechatronics Ltd

Member of Videoton Group

▪ VT Mechatronics



HIGHLIGHTS OF VT MECHATRONICS

Founded in

2002

Member of
VIDEOTON
Group

2010

Revenue
(2024)

11.3 M €

Manufacturing
area

2,800
m²

86

Employees

(2024)

50k

Hour
assembly
capacity

32k

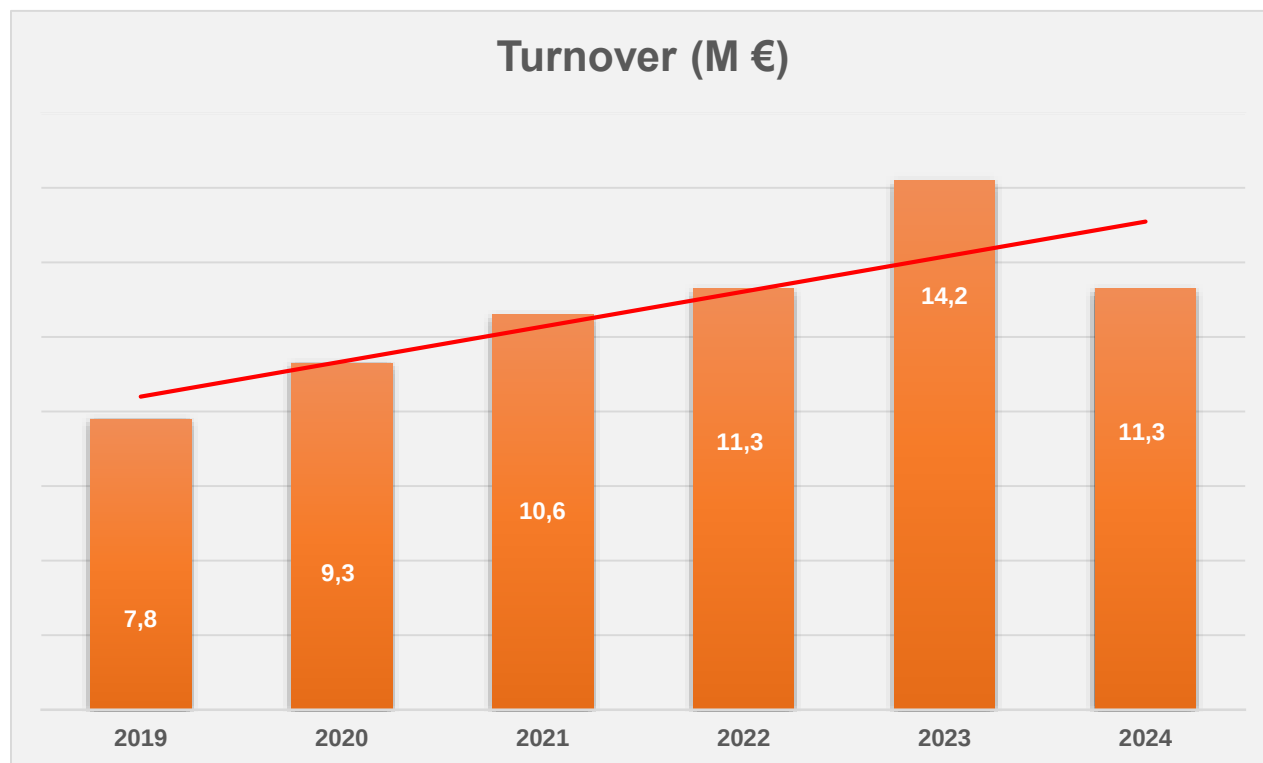
Hour
machining
capacity

350+

Produced
modules /
equipments in
2024

ORGANIC GROWTH OF VT MECHATRONICS

2024



01

Global market downturn – temporary decline in 2024

02

Success in gaining new customers

03

Successful integration of new industries into portfolio

04

New investment in facility

WE SUPPORT YOUR BUSINESS

Our services

- Customized production services based on your design
- Electrical and mechanical assembly of high-complexity modules and sub-assemblies
- Hydraulic, fluid, and pneumatic assembly
- High-mix, low-volume production capabilities
- Comprehensive supply chain management solutions
- Access to a wide network of international suppliers
- Storage and logistics services
- In-house CNC machining facilities
- Over 20 years of industry experience
- Comprehensive testing and quality assurance services



CORE COMPETENCIES

Our capabilities

- Electrical and mechanical assembly of high-complexity modules and sub-assemblies
- Assembly of high-complexity equipment
- Hydraulic, fluid, and pneumatic system assembly
- Comprehensive testing capabilities
- Low- and mid-volume precision machining
- High-precision turning services
- Cable assembly solutions
- Advanced 3D milling services



MECHATRONICAL ASSEMBLY



Semiconductor & Photovoltaic industry

- Over 20 years of expertise in assembly as our core activity

Medical Imaging

- Expertise in assembling diagnostic equipment

Other Industries

- Production machinery for the jewelry industry
- Packaging equipment for the food industry
- Laboratory technology solutions

CASE STUDY – SYSTEM INTEGRATION

- **Customer:** European Semiconductor Processing Equipment Manufacturer
- **Cooperation since:** 2001

- **Project Description**
 - Machining, module assembly, and final assembly (system integration) of **back-end chip manufacturing equipment**, including flip chip machines, die bonders, die sorters, tape indexers

- **Key Figures**
 - 50+ machines produced annually
 - 1,200–8,000 components per machine
 - 400 suppliers involved
 - 8–12 highly skilled technicians and final test engineers

- **Project Highlights**
 - Comprehensive supply chain management
 - Manufacturing 90% of turned/milled parts in-house
 - Up to 1,200 hours of assembly cycle time per machine
 - 250-step testing process



MASCHINING CAPABILITIES

Main purpose

- In-house production of high-complexity machined parts to support the mechanical assembly business

Capabilities

- Machining Centers
 - 8 machining centres and 2 CNC turning lathes
- Machining Range
 - Up to 2134 × 1016 × 762 mm (vertical)
 - Up to 800 × 700 × 510 mm (5-axis)
 - Tolerances as precise as 5 µm
- Turning Range
 - Diameters: 3-366 mm
 - Diameter–Length Ratio: ≤ 1:7



QUALITY CONTROL

Capabilities

- ✓ **Functional Testing of Finished Goods**
 - Ensures quality and performance standards are met
- ✓ **Accredited Measuring Laboratory**
 - Certified to deliver precise and reliable measurements.
- ✓ **Temperature-Controlled Room**
 - Maintains stable conditions for accurate testing and storage
- ✓ **Supplier Performance Monitoring**
 - Regular evaluations to ensure supplier reliability and quality
- ✓ **Incoming Goods Inspection**
 - Thorough checks to verify materials meet required specifications
- ✓ **3D Coordinate Measuring Machine (CMM)**
 - Measuring Range: 65x1200x500 mm
 - Accuracy: 1.6 μm + L/350 (mm)
- ✓ **Height Measuring Devices**
 - Measuring Range: 0-600 / 372-972 mm
 - Accuracy: 1.1 μm + L/350 (mm)



QUALITY ASSURANCE

ISO 9001:2015



ISO 14001:2015



SHOP FLOOR EXPANSION 2024.



Additional Shop Floor

Step 1

- Added 800 sqm of shop floor space in 2024
- Completed in February 2024

Step 2

- Plan for another 800 sqm expansion in the near future

Enhanced Capabilities

- Equipped with a 5-ton overhead bridge crane for increased operational efficiency

SHOP FLOOR EXPANSION 2024.



Additional Shop Floor Potentials

Customer-Specific Dedicated Areas

- Tailored spaces to meet unique client requirements

Customizable Clean Room

- Designed and adapted based on specific needs

Fully Air-Conditioned Environment

- Ensures optimal conditions for precision and comfort

WHY WORK WITH US



Integrated manufacturing services



Cost-competitive solutions



Customer-oriented focus



Financial stability



High flexibility

TECHNOLOGY

STABILITY

SUSTAINABILITY

DYNAMISM

Sustainability issues on our website: [ESG](#)

— WWW.VTMECHATRONICS.HU

**We look forward to welcoming You as one of our
Strategic Partners soon**

VT Mechatronics Ltd.



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