



2025



KINETUS specializes in electronics manufacturing services (EMS).

- Printed Circuit Board Assembly (PCBA) is our core service.
- KINETUS is certified according to ISO 9001:2015 and ISO 14001:2015 standards.



- We operate from a 350 m² production and administrative facility in Garliava, Kaunas district.

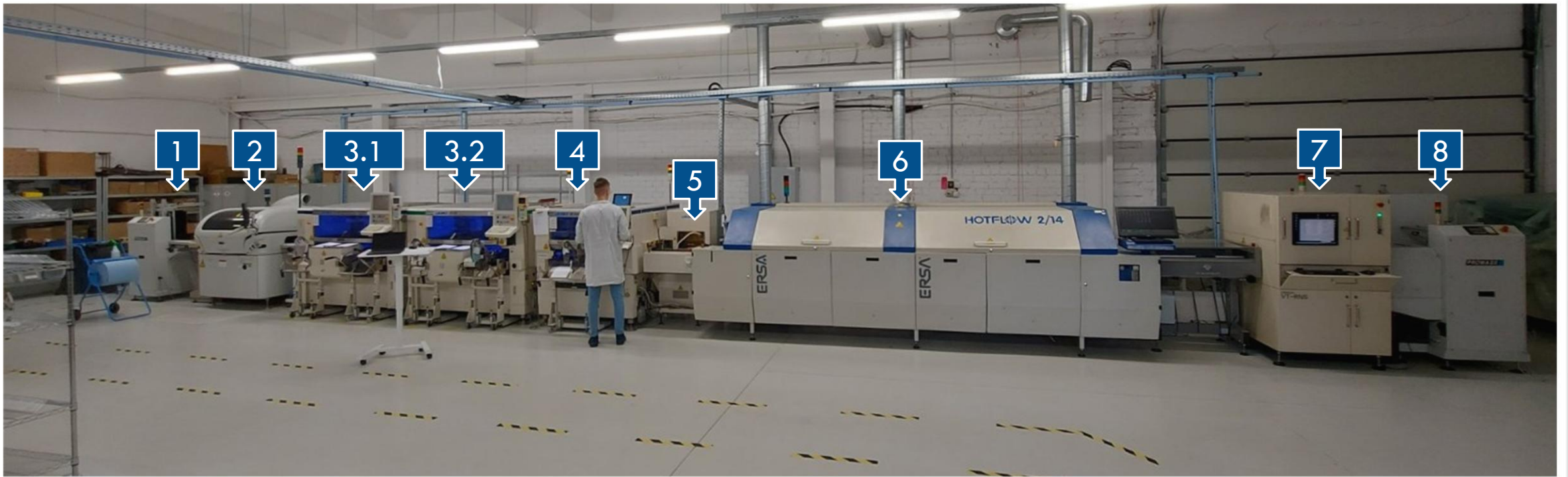
A collection of electronic components is displayed on a white surface. The components include several resistors (some with color bands, some with numerical markings), various types of capacitors (axial lead, electrolytic, and surface-mount), and several diodes (some in packages, some as discrete components). A prominent green printed circuit board (PCB) is shown, featuring a central integrated circuit (IC) and numerous other components like resistors and capacitors. The PCB has a long edge with many pins, suggesting it might be a module or a test board. The overall scene suggests a workspace for electronics assembly or repair.

- 
- KINETUS

KINETUS MANUFACTURING (1/2): SMT LINE

The technical capabilities of the SMT line:

- | | | | |
|---|-----------------------------------|------------------------------------|------------------|
| • Min. component width x length: | 0.6 x 0.3 mm (<i>0201 inch</i>) | • Max. PCB width x length : | 410.0 x 360.0 mm |
| • Max. component height: | 20.0 mm | • Assembly line speed (CPH): | 60.000 units/h |



1. Automatic PCB feeder,
2. Printing machine: [DEK Horizon 01i](#),
3. (3.1 & 3.2) Small component pick-and-place machines: [JUKKI FX-IR](#) (2 units.),
4. Medium-sized component pick-and-place machine: [JUKKI KE-2060R](#),

5. Conveyor for visual inspection before soldering,
6. Conventional soldering hotflow: [ERSA HOTFLOW 2](#)
7. Automated optical inspection (AOI): [Omron VT-RNS-L](#)
8. Automatic PCBA sorter (*NG/OK unloader*)

KINETUS MANUFACTURING (2/2)



Product assembly, packaging and testing facilities:



KINETUS QUALITY



- Manufacturing according to IPC-certified standards:
- PCBA services comply with IPC-A-610 guidelines for electronic assembly acceptability.
- Manual soldering and rework processes follow IPC-7711/7721 standards.
- Strict compliance with ESD protection standards (IPC-A-610E).
- PCBA products can be marked with QR codes, Data Matrix, NFC tags, or laser engraving for traceability.
- 8-D methodology applied for analyzes and resolving quality discrepancies.
- LEAN methodology is applied to ensure efficiency in business development and project management:



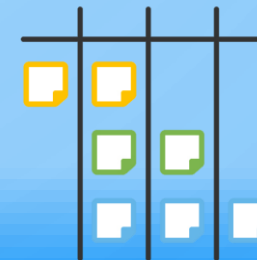
- 5S



- Kaizen



- Kanban.



KINETUS BENEFITS FOR CLIENTS

1. Cost Efficiency & Competitive Pricing

- ✓ **LEAN-managed** production and projects ensure cost efficiency.
- ✓ **BOM cost optimization** through bulk purchasing and supplier negotiations guarantees the best prices.

2. High-Quality & Reliable Production

- ✓ **Certified** according to ISO 9001 and ISO 14001 standards.
- ✓ **IPC-A-610 compliance** for high-quality electronic assemblies.
- ✓ **Automated Optical Inspection (AOI) & Functional Testing** ensure minimal defects.
- ✓ **ESD protection** and **traceability** (QR codes, NFC, laser marking) for reliability.

3. Flexibility & Fast Delivery

- ✓ Flexible production for **small** and **medium-volume orders**.
- ✓ **Short lead times** for faster production.

4. Comprehensive Service: From Component Sourcing to Final Assembly

- ✓ **Full component procurement** for streamlined production.
- ✓ **Box-Build assembly** – complete product assembly.
- ✓ **Rework & Repairs** defects.

5. Long-Term Partnership & Value Creation

- ✓ Prioritizing **lasting partnerships** over one-time orders.
- ✓ Active in **product development**, offering manufacturing expertise.
- ✓ Supporting **market expansion** through collaboration and logistics optimization.

Thank you for your time,
 KINETUS

Contact Us!

Ignas Kaminskas

Business Development Manager



+370 606 894 56



ignas@kinetus.lt