

PHONOTRONICA LTD

Assembling the future





YOUR TRUSTED EMS PARTNER, SPECIALIZED IN DESIGN AND PRODUCTION OF ELECTRONIC DEVICES SINCE 1990.









Customer-oriented, customized approach;



Integrity in everything we do;



Reliability products and solutions with high quality;



Innovative technological solutions, based on three interrelated priorities: expanding the manufacturing processes portfolio; automation engineering; zero defects policy.



PLANT & LOCATION

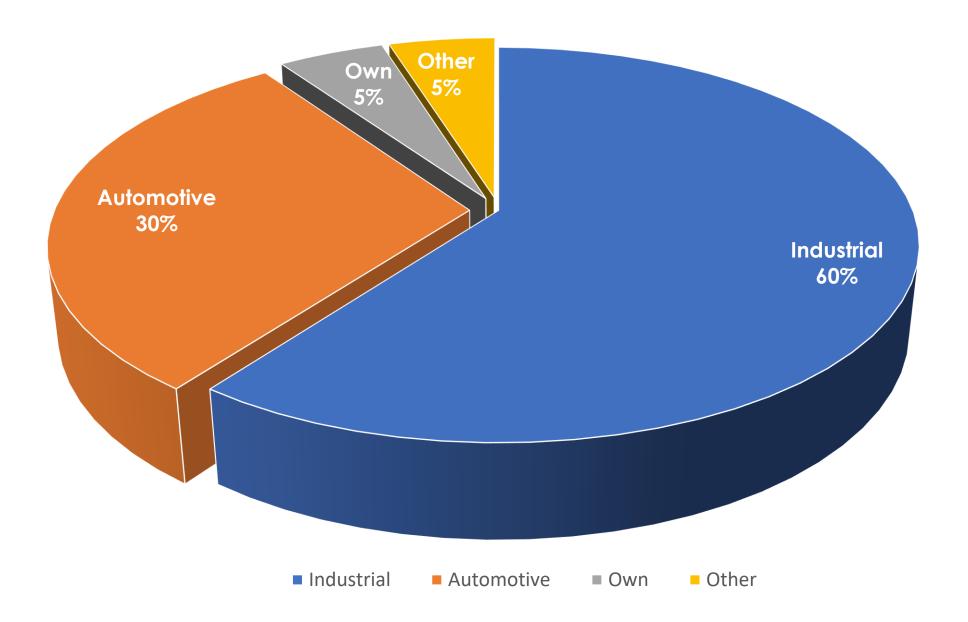


Our
3200 sqm. BUILDING
is part of
10000 sqm. PLANT,
located in
SOFIA, BULGARIA

Our team of 30 highly qualified and experienced people includes operators, process engineers, purchasing, quality assurance and project management dedicated staff.



PRODUCTS





CUSTOMERS/ EXPORT LOCATIONS



We assemble products for international companies located in **EUROPE**, **USA** and **JAPAN** or their subsidiaries or subcontractors in Bulgaria



CUSTOMERS PORTFOLIO

























QUALITY MANAGEMENT

ISO9001:2015 certified;

IPC-A-610 (class 2&3) requirements are applied during all production processes;

IATF 16949 requirements are applied for automotive products;

Upcoming IATF 16949 certification in 2024.



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TECHNICAL CAPABILIETIES

Process Design	We design production processes and develop specialized production lines capable to guarantee continuous compliance to the customer requirements and the applicable international standards.
Laser Engraving	Flexible laser engraving process. We engrave materials and final products, including FR4, plastics, aluminum and other, in order to assure identification and traceability .
SMT	Our SMT lines with total capacity up to 250 K/CPH , equipped to assure: - full traceability; - high technological flexibility and capacity for high volume production; - In line SPI, AOI machines and nitrogen reflow ovens.
Selective Soldering	Our selective soldering lines, capable to solder in nitrogen environment and assure high flexibility in terms of components complexity and volumes of production.
Depaneling	Automated routing and semi automated "V-Score" depaneling.
Manual assembly & Automation of Manual Operations.	Our employees are experienced , highly qualified and IPC-A-610 trained . We perform manual soldering, mechanical assemblies, packaging of final products and other operations. Considering the specific product requirements we automate manual processes .
Test & Programming	We perform ICT, functional test and programming according customer specification.
Tool shop	We design and manufacture our own tolling, which gives us flexibility to meet specific customer requirements and continuously improve our production process.



COMPANY HISTORY

manual processes:

First OEM products;

Functional testing.

traceability:

SMT capacity

improvement.

Developed by Digital clock **Full production** New administrative 2-nd selective **PHONOTRONICA** SPI in the SMT Line for control of traceability: & production soldering machine; device for automatic and selective public ERP system; building with 3200 New tool shop with telephone soldering process. Warehouse Automation. lightening was square meters **CNC** machines. dialing between cities implemented production area. implemented in Bulgarian 2023 2020 in Bulgarian 2017 municipalities. 2012 **Telecommunications** ISO 9001:2015: 2024 **Programming** Company. Laser engraving; and electrical real measurements IATF 16949 First SMT Line testing 3D AOI. certification 1998 1993 2018 2021 2013 1996 2019 2022 2004 - 2007 2016 First digital clock for electricity **SMT** capacity 650 000 digital clocks for Automatic incomina 2-nd SMT Line: meters - PHONOTRONICA 1 electricity meters are improvement; goods scanning and SMT traceability; Laboratory for initial inspection of Implementation of Double the selective manufactured and labelina: digital clocks approved by the delivered on Bulgarian AOI. Material manager & soldering capacity + AOI; government. Automatization of the market.

1990 PHONOTRONICA Ltd.

WAS ESTABLISHED.

ISO 9001:2000

2004



Thank you!



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