



Levanon Hanoch Ltd.

Line of Business

Metal & Industrial Equipment

Established

1978

Leading Executives

Mr. Hanoch Levanon
& Mrs. Ruth Levanon
General Managers

Mr. Raz Levanon; MBA
COO

Levanon Hanoch Ltd. is Israel's leading specialist in state-of-the-art optical inspection systems and clean-room assemblies. It is the only company in Israel with leading-edge equipment such as robot-mounted industrial optical 3D scanners.

The company was founded in 1978 by Ruth and Hanoch Levanon and over the years has developed into one of Israel's leading milling and turning factories. The company focuses on precision million of the most complex aluminum parts and produces mechanical parts, optical elements and supplies full turnkey opto-mechanical assemblies. Levanon Hanoch has a 4,000-sq.m., state-of-the-art plant with over 100 highly skilled employees.

Levanon Hanoch Ltd. has the following QA standards: AS9100 Rev C; ISO 9001:2008



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Production

Levanon Hanoch is equipped with 27 CNC machining centers, including 3, 4 & 5-axes milling machines, 20 CAD/CAM systems, and multitasking mill-turn machines. Such a large number and variety of machining centers allow the company to produce the highest quality products from different materials, shapes and sizes (from 0.5mm up to 3000mm) with 1 micron accuracy.

High-tech tool measuring laser systems, regular machine-health checks and on-machine 3D part probing and verification allow the company to achieve best part quality and minimize scrap, which significantly reduces the lead time and costs.

Thanks to the high precision equipment, the use of advanced technologies and also highly qualified personnel, the company holds leading positions in the Israeli market to supply products for the high-tech, aviation and space industries.

Diamond Turning

Levanon Hanoch provides ultra-precision machining services, specializing in single-point diamond turning and fly cutting. The company has a standard 2-axis lathe and freeform 5-axes machine.

Inspection & Reverse Engineering

The company's Inspection Department is equipped with the latest technology.

All CNC machined parts are analyzed and inspected by the inspection department in a temperature controlled area. A very wide range of inspection equipment is used to perform full analysis, including:

- height gauges, fully automated coordinate measuring machines (CMM)
- manual and robot-mounted industrial optical 3D scanners (Blue Light Technology)
- Fizeau interferometer for optical components.

The company provides Reverse Engineering services using Blue Light 3D scanners and comprehensive reverse-engineering software that can extract optimal CAD from digitized parts.

Mechanical Assembly

The company's highly skilled assembly department has mechanical assembly, including pins, studs, threaded inserts or bushes, according to customer demands.

Opto-Mechanical Assembly

Levanon Hanoch supplies custom opto-mechanical assemblies and full turnkey solutions.

All optical projects are undertaken in a Class 1000 cleanroom facility including Class 100 laminar flow cabinet, ensuring protection for sensitive devices against electro-static discharge.

All cleanroom projects are performed by qualified engineers to highly stringent requirements.

Seeking

- Diamond Turning Projects.
- Precision Machining Projects.
- Clean Room Assemblies.