



# G.B.M. Automation & Robotics Ltd.

**G.B.M.** a member of the Zafir Group, was founded in 1978 and is headquartered in Kfar Saba, Israel.

## Automated Solutions

G.B.M. supplies turnkey automated solutions for manufacturing and assembly projects to companies in Israel and worldwide. The firm provides all-inclusive engineering plans for the manufacture of specified products. G.B.M. specializes in automation, robotic devices, mechanical and computerized control mechanisms, manufacturing customized machines and assembly systems, transfer automation and quality control.



G.B.M. has four main divisions each with individual Functions:

**Automation and Robotics Unit:** for the design, manufacture and integration of customized assembly systems and robotic devices.

**Serial Production Unit:** for the serial production of machines and equipment for various disciplines and technologies including optoelectronics, medical, cosmetics, the plastics industry, solar energy systems, desalination plants and others. GBM operates as subcontractor in projects where the customers submit their own detailed designs and specifications

**Machining Unit:** for tasks that require parts machining by operating Lathe and Milling machines, advanced CNC machining centers, EDM or related equipment.

**Logistics Department:** assigned to purchasing equipment and materials in Israel and elsewhere, as required for ongoing projects.

**The Automation & Robotics Division** has a wealth of experience in the design and construction of customized assembly systems, with special expertise in:

- Automated assembly: automated assembly lines, assembly devices and machines.

- Industrial handling: transfer of products to successive work stations via automated transfer systems and conveyors. Robotic loading & unloading of products into and from manufacture machines.
- Cost reduction by means of mechanization and automation.
- Design and construction of automatic inspection systems.
- Development and construction of integrated systems – combining mechanics, inspection, vision systems and remote control.
- Assembly of electro-mechanical systems and devices and of electro-optical equipment on a sub-contractual basis.

## Experienced Engineers

The engineers serving G.B.M. include mechanical engineers and specialists in electrical command and control and in manufacture and integration. They make use of various computer programs, including Solid-Works and AutoCAD.

## International Standards

G.B.M. meets international standards of operation and quality, and has certification including ISO 9001 and medical ISO 13485. The company's operations are managed by the ERP-Priority system.



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