

INVAR MANUFACTURING LIMITED

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Keywords: We manufacture a wide array of complex components, assemblies and systems for all facets of the aircraft/aerospace, defense, nuclear energy, commercial and transportation industries. We place particular emphasis on precision machining.

History: Invar Manufacturing Ltd. (formerly Bata Engineering) was purchased by Linamar Machine Ltd., in January 1987.

Capability/Products: The scope of the company's capabilities encompasses fabrication, machining and assembly - from the initial purchase and pre-fabrication of raw materials and components to the final assembly and testing of the manufactured parts and systems.

Invar production facilities accommodate a CAD/CAM Schulemberger Bravo system together with a wide range of NC/CNC machining centres, some with DNC transfer capabilities. Accordingly, Invar can perform sophisticated multi-axis work involving design transferring and 3-D sculptured surfaces. Invar Manufacturing specializes in manufacturing an extensive line of components for wings, engines and landing gears and utilizes the most advanced NC/CNC machine tools available. This includes a high concentration of four and five axis machining centres.

Invar has a quality control program approved to AQAP-1 and MIL-Q-9858-A and non-destructive testing capability (MPI and LPI is carried out by CGSB certified operators to accepted military, aircraft and nuclear energy standards).

Experience: Total quality management of precision machining and outstanding project management for system manufacturing.

Current Market Activity: Invar presently markets its services in Canada and to the U.S.A. directly from Batawa, Ontario. We also use the services of sales agents contracted by our corporate entity Linamar Machine Ltd., Guelph, Ontario.

Rank Export Countries: U.S.A.

Market Strategy: U.S.A., Canada, Europe. We are continuing the search for a product under license from a European company that would suit our manufacturing facilities and capabilities. We will continue to market our services as stated above.

Plant Size: 150,000 square feet.

Average Work Force: 200

Gross Sales: \$16 Million

Export Sales: \$12 Million

Qualifications: NATO AQAP-1, MIL-Q-9858-A.

Date: September 1, 1992