



# Carmel Forge

## Leading Executives

Mr. Eli Yaffe  
President

Mr. Eitan Fuchs  
Executive V.P. Commercial

**T**he company was founded in 1961 and started forging of automotive parts.

The first penetration into the Aerospace Industry was in the mid seventies when the company developed and went into production of Compressor and Turbine Disks for Aero Engines.

The company counts today over 228 employees and an area of 470,000 sqft (44,000 sqm) located in the northern part of the country near the city of Haifa.

## Major Equipment

The production of the company is based on 2 high tonnage Screw Presses of the same power made by the same company and have the same controllers. All parts are qualified on both Presses.

- A powerful Ring Roller for seamless rolled rings, additional Hydraulic and smaller Screw Presses.

## Product Mix

We produce Disks, Rings and Cases for Compressor & Turbine Modules for Aero Engines, Land and Marine Power Units and Turbo-Chargers for large Diesel Engines and other commercial applications.

## Customers

We deliver parts to a large number of Engine Programs for the following major customers:

- Pratt & Whitney USA • Pratt & Whitney Canada
- Honeywell Engines & Systems USA • SNECMA France (Safran Group) • VOLVO Aero Norway • VOLVO Aero Corporation Sweden • MTU Aero Engines Germany • CFMI France • Turbomeca France (Safran Group) • Avio Italy • Bet Shemesh Engines Israel • Techspace Aero Belgium (Safran Group) • Microturbo France (Safran Group) • ASCO Belgium • FAG Canada • GET Kaveri India • Mitsubishi Heavy



- A state of the art robotic Loader
- A modern Heat Treatment Department fully computer controlled and a state of the art robotic Loader.
- 3 computer controlled Etching Lines.
- Rotating Heating Furnaces.
- Extended modern Machine Shop for sonic shape and advanced machining including CMM.
- Fluorescent Penetrent inspection.
- Extended Mechanical laboratories including Water-jet machines for specimen preparation.
- A strong Engineering team A complete Die Production Shop.

- Kawasaki Heavy Industry Japan
- Samsung Techwin Korea • ITP UK • ABB Turbo Systems Switzerland • FAG Germany • Globe USA • MAN Diesel Germany • Aeronamic Holland

Being a leading company in the Aerospace industry our main objectives are customer satisfaction showing a 98% on time delivery score in 2006, high quality products for competitive prices short development periods for qualification parts and high flexibility to customers needs.

## Certifications

In 2006, Carmel Forge achieved the Gold Level through the UTC ACE Program (Achieve Competitive Excellence) which is similar to the 6 – Sigma Program.

- ISO 9000-2000 • ISO 14001 • ISO 18001 • AS 9001 • NADCAP



**CARMEL FORGE LTD.**

## Contacts:

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## Materials

The company has excellent experience in forging parts from all Titanium grades, Nickel- and Nickel-Cobalt Alloys as well as Steel Alloys.