



### Line of Business

Aerospace

### Established

1969

### Leading Executives

Mr. Motty Katz  
Operation & Engineering  
Manager

Mr. Nissim Shaltiel  
Q.A. Manager

# Chromalloy Israel Ltd.

**C**hromalloy Israel Ltd. specializes in jet engine component overhaul. The company offers expertise in reconditioning and diffusion coating of Turbine Vanes and Blades, repair of Compressor Assemblies, Fan Blades, Variable Inlet Guide Vanes, Afterburner Flaps and many other jet engine components. Chromalloy Israel is a FAA and EASA approved repair station and is ISO 9001 certified. Chromalloy carries many specific coating and material approvals from major OEMs.

### Type of Business

#### Aerospace:

- Reconditioning of Jet Engine Components, including Fan Blades
- Manufacturing of coating and masking materials.
- Manufacturing of braze and braze stop off materials.



### Ownership

Chromalloy Israel Ltd. is a Division of Chromalloy Gas Turbine LLC.

### Brief History

Established in 1969, the company is based in the Northern Negev town of Qiryat Gat.

### Services

Chromalloy overhauls components for the following engines:

- Pratt & Whitney: JT3D, JT8D, JT9D, PW 2000, J52, F-100 Turbine Vanes & Blades, also Compressor Stators and Variable Inlet Guide Vanes of the F-100, and Fan Blades of the PW 2000 Engine.
- General Electric: CFM56 Series Fan Blades

T-64 and J-79 Turbine Vanes & Blades. F-110 Primary & Divergent Flap, HPT Shroud and LPT Nozzle Assembly.

- Allison: 501, T-56 Turbine Vanes & Blades.
- Russian Engines: R-11, R-13, R-25, R-29, RD-33, AL-21, AL-22 Turbine Vanes & Blades, TV-3.

### Other Important Information

#### Technologies

The company's most advanced technologies at top Quality Assurance standards include:

- Plasma needle arc and Tungsten arc Inert Gas (TIG)
- Conventional Turning, conventional and CNC milling
- Electrochemical (ECG) and creep feed conventional profile grinding and CNC
- Electron Beam Welding (E.B.W).
- Electro Discharge Machining (EDM)
- Hot Forming
- Diffusion coating to resist high temperature corrosion and erosion
- Air Plasma coatings
- HVOF Coating
- Vacuum Induction Melting for alloy powder manufacturing
- Metallographic and chemical analysis
- Dimensional inspection including 3-axis computerized Coordinate Measuring Machine (CMM)
- Non-Destructive Testing, including X-Ray
- Brazing and Diffusion Healing
- Vacuum, Hydrogen & Argon furnaces for heat treatment

### Masking Materials and Coating Powder

Chromalloy Israel has developed the unique T-BLOCK system of Masking and Braze Stop-Off Materials in forms of Tapes and Putties. They provide the ability to protect specific areas from being coated during diffusion coating application, and enable wide gap brazing and braze build up. Chromalloy Israel manufactures diffusion coating "CODEP" powder as per GE Spec. B50TF93.

### Seeking

- The sale of reconditioning services for jet engine components.
- Sale of coating, masking and brazing materials for the jet engine industry.



Contact:  
P.O.Box 143  
4 Habonim St.  
Qiryat Gat 82000, Israel  
Tel: 972-8-6603001  
Fax: 972-8-6603003  
Mkatz@chromalloy.com