



Chromalloy Israel Ltd.

Line of Business
Aerospace

Established
1969

Leading Executives
Mr. Yossi Ben David
Sales & Customer Services
Manager

Mr. Motty Katz
Operation & Engineering
Manager

Chromalloy 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, PW2000 Fan Blades, J-52 F-100 Turbine Vanes & Blades, also Variable Inlet Guide Vanes, F-100-229 Compressor Rotor Blade and Compressor Vanes.

- General Electric: CFM56-5B & 7B Fan Blades, T-64 and J-79 Turbine Vanes & Blades, F-110 Fan Blades, Primary & Divergent Flap, HPT Shroud and LPT Nozzle Assembly.
- Rolls Royce: 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:

- Tungsten Inert Gas welding (TIG)
- Conventional Turning, conventional and CNC milling
- 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
- Metallographic and chemical analysis
- Dimensional inspection including 3-axis computerized Coordinate Measuring Machine (CMM)
- Non-Destructive Testing, including Digital 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.



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