



Techjet Aerofoils Ltd.

Line of Business
Aerospace

Established
1999

Leading Executive
Mr. Eran Meshaly
General Manager

Techjet Aerofoils Ltd. is a world leader in the development and manufacture of compressor aerofoils - Blades and Vanes for jet engines.

The company's products are based on state-of-the-art technologies and automation, ensuring ultimate quality through controlled processes.

Ownership

The company is a J.V between Rolls Royce Overseas Holding Ltd, Blades Technology Ltd. (Israel) and the Wertheimer group (Israel)

Brief History

Techjet was established in September 1999 at Teffen area in northern Israel.



Techjet produces large variety of blades and vanes for most of Rolls-Royce current engine's compressors, and develops brand new parts for the future engines generation.

Quality Assurance

All work carried out by Techjet is completed to the highest international quality standards.

The company is approved for ISO 9002, ISO14000, AS 9100, 18001, NADCAP for various processes.

Customers and Programs

Techjet supports the following Rolls-Royce programs :

- For Rolls-Royce Plc, UK - Trent-500, Trent-700, Trent-800, Trent-900, Trent-1000, Trent-XWB, RB211, V2500 and Tay.
- For Rolls-Royce Deutschland - BR-710, BR-715 and BR-725 .
- For Rolls Royce Corporation, U.S.A. – AE3007 and T-56 Military Engine.

Competitive Edge

Techjet's competitive edge provides its customers with:

- Latest state of the art technologies & automation
- Short production lead time
- High flexibility
- Engine kits
- Rapid development of new parts
- Competitive prices

Capabilities

With 20,000 square meters of manufacturing floor space, Techjet applies the most advanced technologies including automatic continuous precision forging by robots, CNC milling, turning and grinding machines, in-house Heat Treatment and NDT capabilities.

The automated machines are integrated with loading/unloading systems and closed loop inspection equipment. The entire design is done using 3D CAD-CAM software.

Techjet precision or oversize forges and machines the following main supper alloys:

- Titanium – Ti 6-4, Ti 6-2-4-2, Ti 679, Ti 829, Ti 685, etc.
- Nickel – Inco 718 , Inco 901, etc.
- Steel – 17-4 PH, A286, Custom 450, etc.

techjet

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