



TVORNICA PLINSKIH TURBINA Ltd.

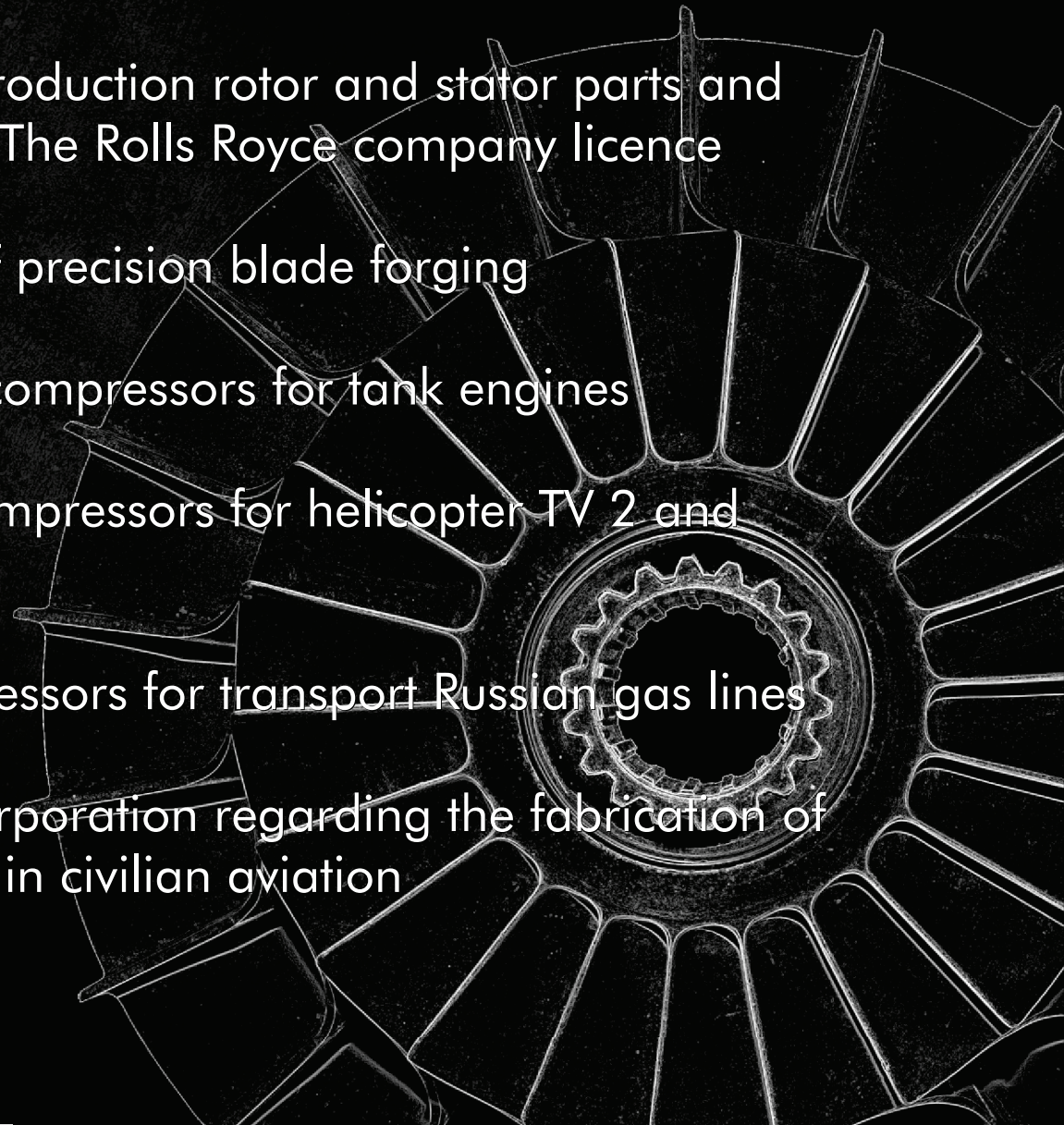
- CROATIA -



TVORNICA PLINSKIH TURBINA Ltd.
- CROATIA -

HISTORY

- **founded 1975** with a principal production rotor and stator parts and circuits for jet engines, based on The Rolls Royce company licence
- **1981**: adopted the technology of precision blade forging
- **1982**: production of centrifugal compressors for tank engines
- **1985**: began producing rotor compressors for helicopter TV 2 and Astazou gas turbine
- **1991**: production of axial compressors for transport Russian gas lines
- **1996**: partnership with CFM-i corporation regarding the fabrication of CFM 56 motor parts used in civilian aviation
- **2003**: 100% private company

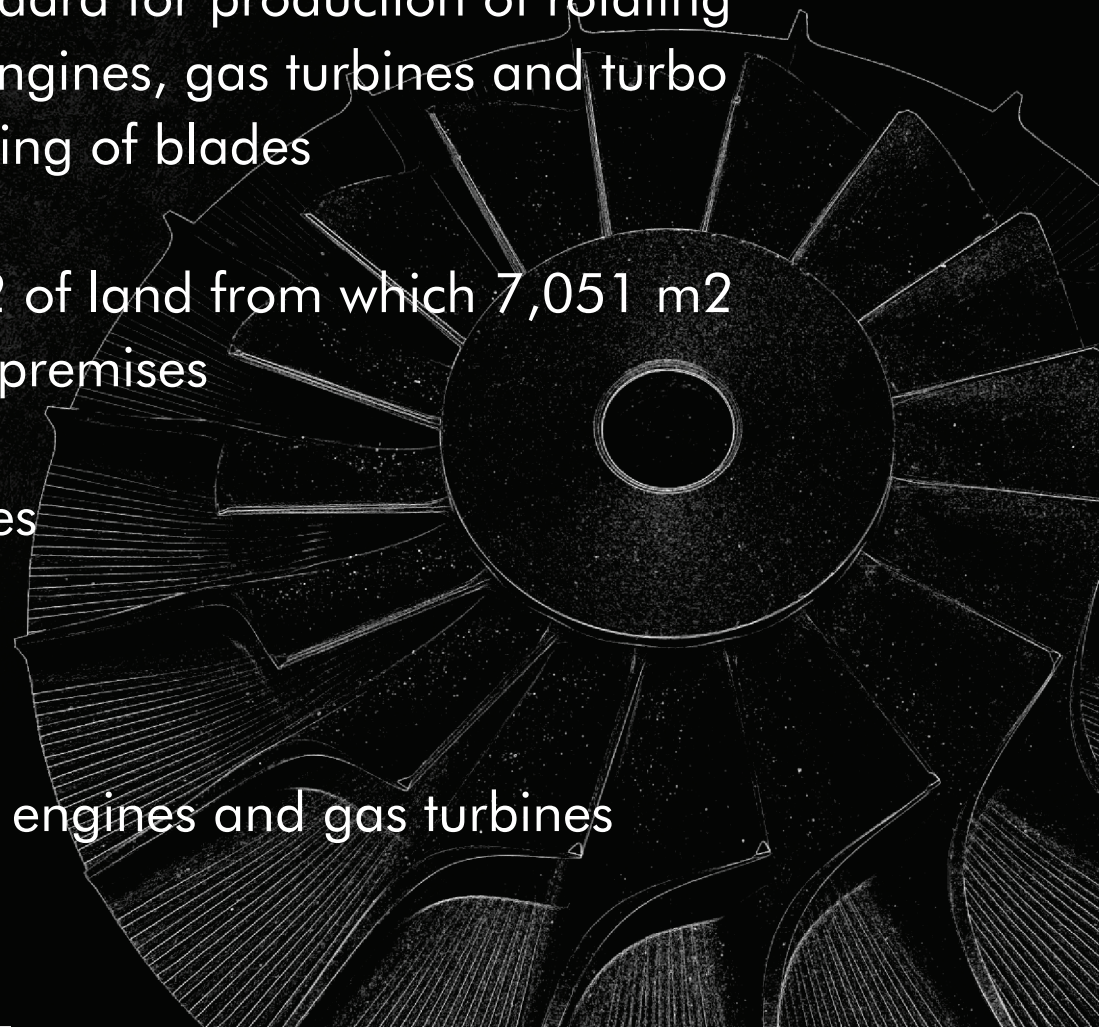




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TODAY

- in possession of EN9100:2018 i ISO 9001:2015 (technically equivalent to AS9100D and JISQ9100:2016) standard for production of rotating components and assemblies for jet engines, gas turbines and turbo compressors including precision forging of blades
- factory possesses around 20,482 m² of land from which 7,051 m² includes its production and business premises
- permanently employed: 69 employees
- turnover in 2024: 6.500.000 \$
- main products are spare parts for jet engines and gas turbines





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FORGING

FORGING:

- HYDRAULIC PRESS
- SCREW PRESS
- EXCENTERE PRESS
- CHAMBER HEATERS FOR FORGING
- ROTATING HEATERS FOR FORGING

HEAT TREATMENT:

- HARDENING
- TEMPERING
- ANNEALING

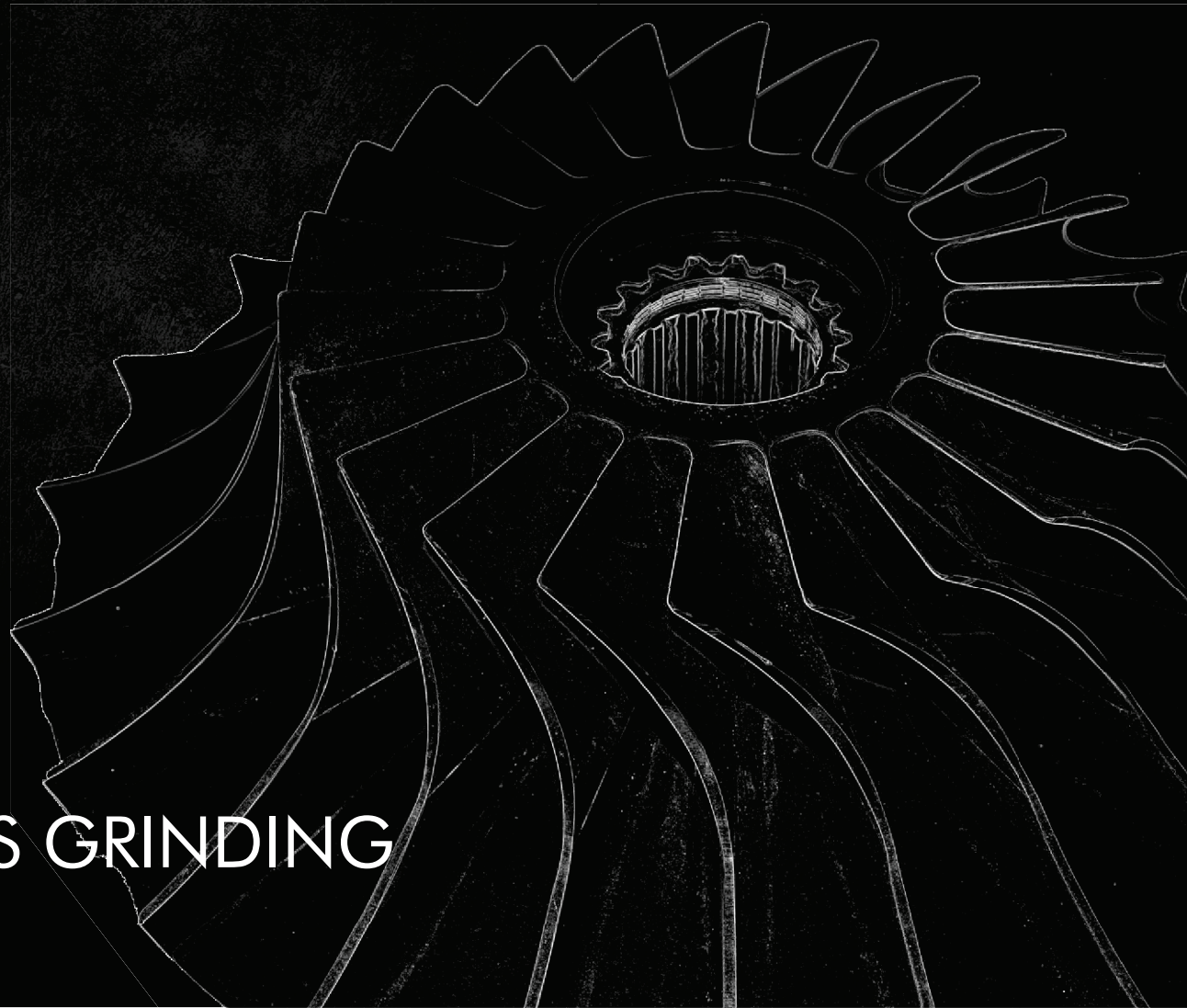




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MACHINING

- GRINDING
- TURNING
- MILLING
- DRILLING
- BROACHING
- HIRT SERRATION'S GRINDING





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SERVICES

CAD/CAM SERVICE:

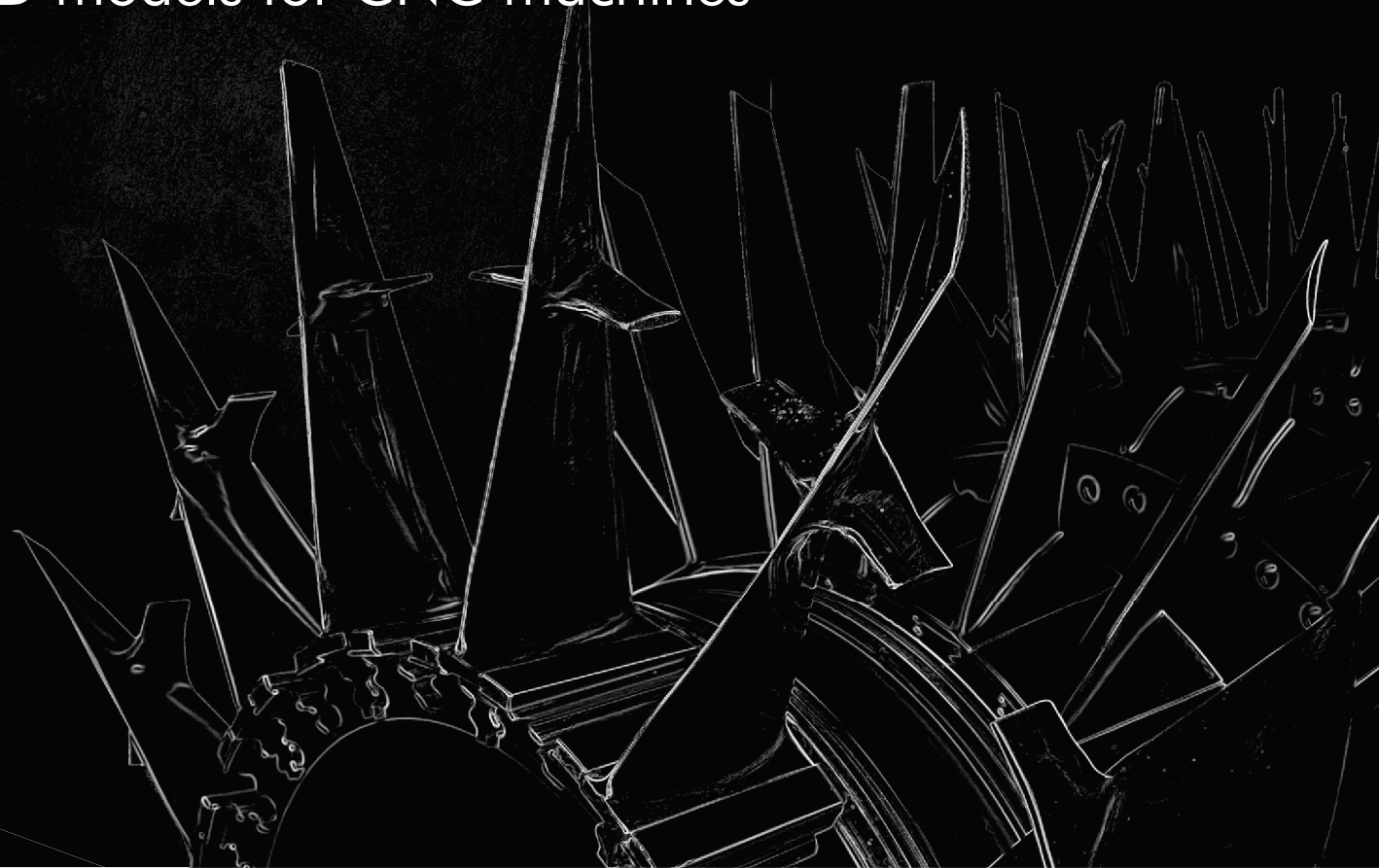
- Development of design and technical documentation and 3D models for CNC machines

CAD SOLUTIONS IN:

- CATIA
- RHINOCEROS

CAM SOLUTIONS IN:

- CATIA

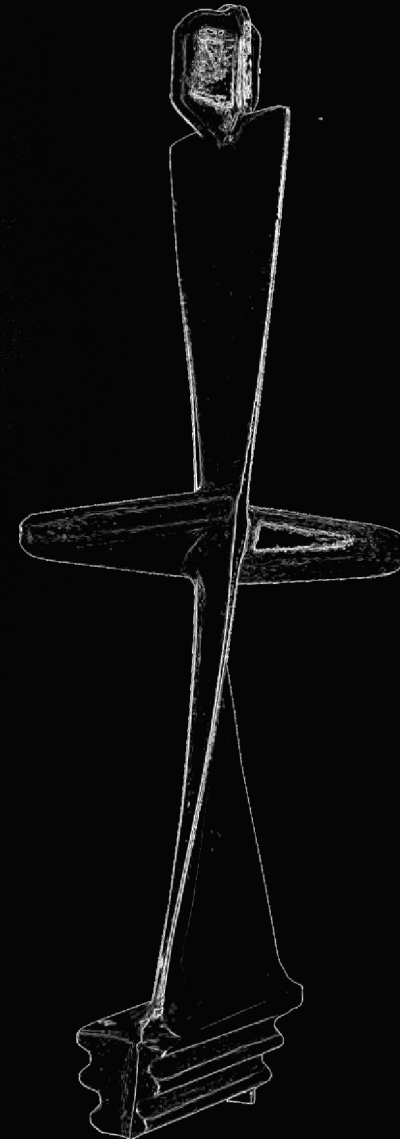




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CONTROL

- Metalurgical laboratory
- NDT Inspection
- 5 - axis optical measurment
- Fatigue
- Quality control

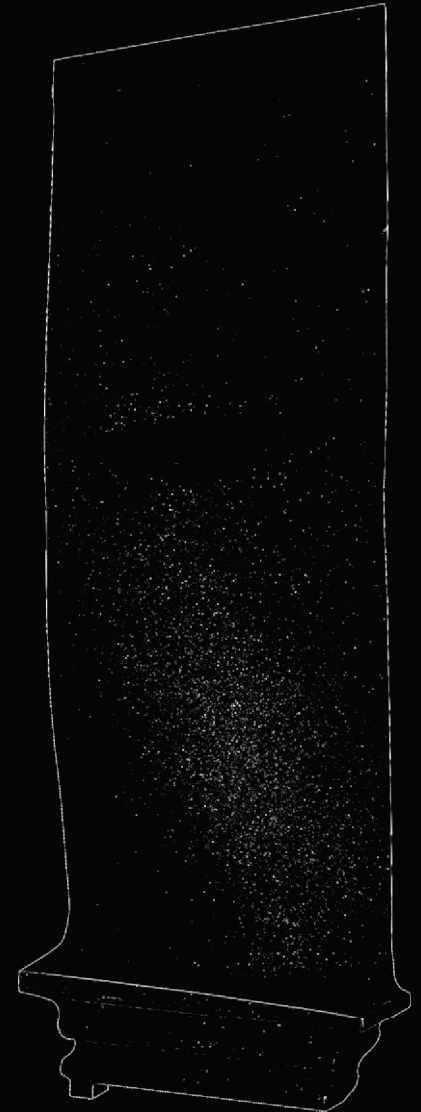




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SPECIAL PROCESSES

- Controlled shot peening
- Etching
- Nickle plating
- Chrome plating
- Phosphating
- Controlled vibro polishing
- Coating





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PRODUCTS





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List of our Customers



TEXTRON



HISPANO SUIZA – FRANCE





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