

TVORNICA PLINSKIH TURBINA Ltd.

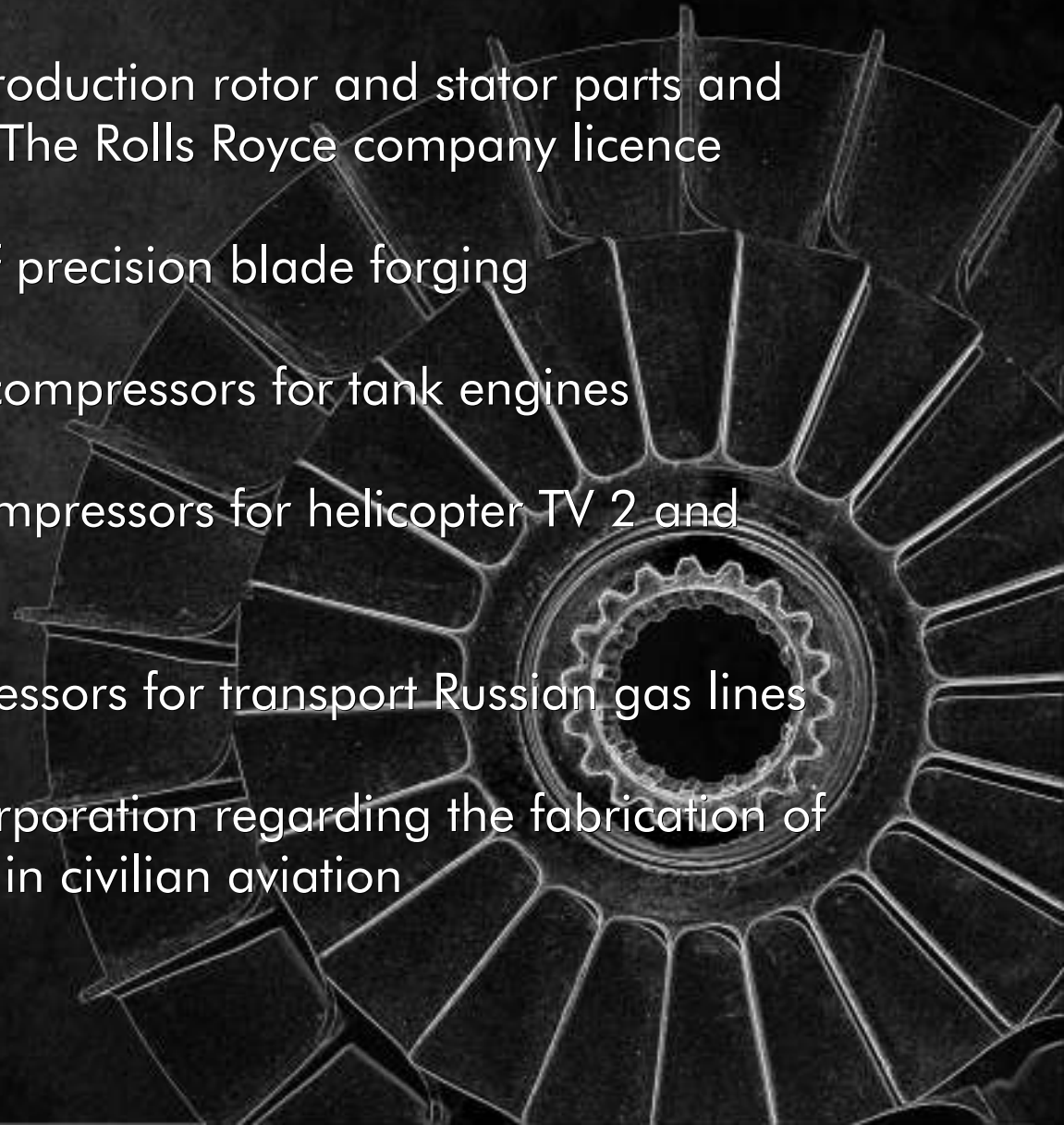
- CROATIA -



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



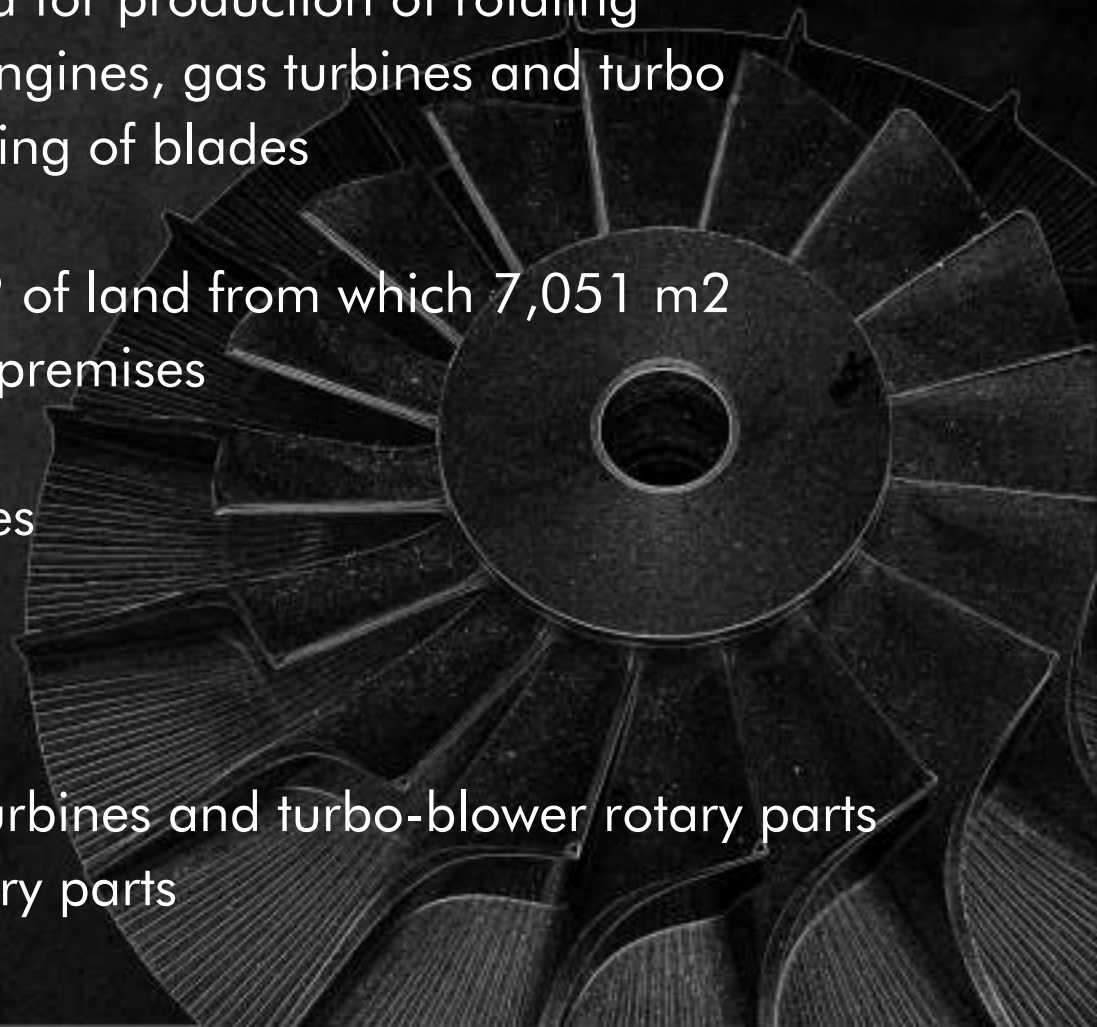




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# TODAY

- in possession of ISO 9001:2008 and EN 9100:2009 (technically equivalent to AS9100C AND JISQ 9100:2009) 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 m<sup>2</sup> of land from which 7,051 m<sup>2</sup> includes its production and business premises
- permanently employed: 53 employees
- turnover in 2020: 2.200.000 \$
- main products are jet engines, gas turbines and turbo-blower rotary parts and the production of other machinery parts





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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

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- Metalurgical laboratory
- NDT Inspection
- 5 - axis optical measurment





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## SPECIAL PROCESSES

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- 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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