



### The TTS 2200 Turbine

The TTS 2200 turbine was developed in order to propel helicopters. It is one of the best turbines of their category in economy. Special fuel burn and special materials make it one of the best engines in the world. The machine is distinguished by its great gas dynamics stability. The progressive technical achievement in the engine construction, titanium compressor rotor electronbeam welded of separate disks; titanium alloy compressor rotor and Sator blades manufactured with the cold forge roll method; electronic hydromechanical control and monitoring system are used in the newest versions. The machine marks itself by long service life, high reliability, maintenance simplicity and high repairability.

The TTS 2200 turbine is one of the most reliable turbine in the world. There was no engine failure in the flight, within the last years!

In addition the TTS 2200 turbine can be used in different naval ships, electrical generators and compressors as drive or in pumps. Transmission exit and exhaust withdrawal sit at the end of the turbine. Besides the exhaust withdrawal is adjustable. This is especially with the use of yachts a large easement.

### Description of construction:

12-Stage Single Spool Axial Flow Compressor

4-Stage Axial Flow Turbine, including: 2-Stage Gas Generator (compressor drive) Turbine,

2-Stage Power (free) Turbine Annular, Through-Flow

Name	TTS 2200
Engine Type	Turbine
Model	TTS 2200
Rated Power (PS / kW)	2.200 / 1.617
Length	2.055 mm
Width	605 mm
Height	728 mm
Weight	285 kg
Consumption	appr. 230 gr/PS per hour at full speed