



The TTS11400 Turbine

The TTS 11400 turbine is with over 11,000 PS the strongest shaft turbine, which was built at all. With a weight of approx 1,000 kg it has an unequalled weight per horsepower. This turbine was originally designed for helicopters and can only be used for large yachts. The giant torque becomes fully effective with water jets. This turbine also has its exhaust pit and wave outlet on the same side – which is especially in the maritime range a big advantage.

Description of construction:

Compressor Type:

12-Stage Axial flow, Dual-Spool with a 6-Stage Low Pressure Compressor and a 6-Stage High Pressure Compressor.

Turbine Type:

4-Stage Axial Flow Turbine, including: 1-stage Low Pressure Compressor drive turbine, 1-stage High Pressure compressor drive turbine, 2 stage Free Power Turbine.

Combustor Type:

Annular (ring), Through Flow.

Name	TTS 11400
Engine Type	Turbine
Model	TTS 11400
Rated Power (PS / kW)	11.400 / 8.380
Length	3.715 mm
Width	1.382 mm
Height	1.133 mm
Weight	1.042 kg
Consumption	appr. 268 gr/PS per hour at full speed