

NEW SIEMENS STEAM TURBINE SST-300



**UNUSED STEAM
TURBINE SST-300
GENERATOR FROM
SIEMENS**

March 2025

GLOBAL ALLIANCE GROUP LTD

www.gag.org.uk

sales@gag.org.uk



SIEMENS SST-300 STEAM TURBINE GEN

For Sale

Greetings,

We are pleased to present an unused 1 x New Unused 2021 Siemens SST-300 Complete Steam Power Generator available for sale. We are in direct communication with the owner.

These units to be supplied are unused, with zero running hours, never installed. Original year manufactured 2021. Package and core engine serial numbers will be confirmed upon placement of order. The units' supporting documentation is available for review at any time with prior notice.

Below is some basic information, and we can provide the comprehensive details and datasheet of the rig upon your request.

Please feel free to reach out if you have any inquiries.

Sincerely,

Global Alliance Group Ltd

Sales Team

Sales Department

“We consistently strive to deliver and ensure the highest quality of products and services to our clients



SIEMENS SST-300 STEAM TURBINE

Product Discription

- Model: Siemens SST-300
- Year of Manufacture: 2021
- Condition: New - Unpacked - Still Boxed and Crated
- Equipment List: The excel list for complete equipment available.

Technical Specifications:

- Rated/Max Output: 20.29 MW
- Speed: 5,314 rpm
- Voltage: 11,000 Volts
- Frequency: 50Hz
- Inlet Steam: 37 barg, 376°C, 72.5 t/h
- Admission Steam: 18.9 barg, 348.8°C, 65.6 t/h
- Steam Extraction: 3.5 barg, 155°C, 53.64 t/h
- Exhaust Steam: 0.093 bara, 44°C
- Skid Dimensions (Turbine & Gearbox): 7,610mm x 6,300mm
- Skid Weight: 65,500 kg
- Dimensions with Generator & Condenser: 23,350mm x 10,335mm

Standard Information on Siemens SST-300 Industrial Steam Turbines:

- Power Output: Up to 45,000 kW (61,182.95 hp)
- Speed: 12,000 rpm
- Inlet Pressure: Up to 140 bar (2,030 psi)
- Inlet Temperature: Up to 540 °C (1,004 °F)
- Exhaust Steam Parameters:
- Back pressure: Up to 16 bar (232 psi)
- Condensing: Up to 0.3 bar (4.4 psi)
- District heating: Up to 3.0 bar (43 psi)
- Controlled Extractions: Up to 2, with pressure up to 25 bar (362 psi) and temperature up to 400 °C (752 °F)
- Uncontrolled Extractions: Up to 6, with pressure up to 60 bar (870 psi)

Important Notes:

- This turbine is a condensing steam turbine with a generator package.
- Although this Siemens 22MW Steam Turbine Generator is still new and unpacked, the warranty is no longer valid and is sold as is. Hence the low price offered.
- Siemens has been contacted and they are prepared to do a full pre-inspection and re-validate the warranty at the buyer's cost.

About SST-300

The SST-300 is known for its compact design and simple layout, which significantly reduce the cost and time associated with construction, inspection, and maintenance. It can be configured with either an upward, downward, or axial exhaust orientation depending on the layout of the plant.

Pricing Information:

- Please contact for price.
- Price Based On: EXW Compound UK

Kindly indicate your interest regarding pricing and additional information.

With Many Thanks

Sales Team

For Global Alliance group Ltd