

SPECIFICATIONS



7.5 MW 2004 Used Solar Taurus 70 (10301 AXI) Natural Gas Generator Set

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Description

This natural gas turbine generator set, based on the Taurus 70 platform (Model 10301 AXI), represents a proven, field-tested solution for industrial power generation, cogeneration, and distributed energy applications. With decades of operational history across oil & gas, petrochemical, utilities, and manufacturing sectors, this turbine class is widely recognized for its reliability, compact footprint, and fuel efficiency.

The Taurus 70 delivers a power output ranging from approximately 7.5 MW to 8.5 MW depending on operating conditions and configuration, with an electrical efficiency of 32–36% in simple cycle operation. When deployed in combined heat and power (CHP) configurations, overall system efficiency can reach up to approximately 80% by capturing exhaust waste heat to produce steam or hot water.

This used unit offers a compelling value proposition for buyers seeking dependable baseload or peaking power without new-equipment lead times or capital costs. The 2004 build year places it within a mature, well-supported generation of this turbine family, with broad parts availability and service network coverage.

KEY FEATURES:

- Power Output: ~7.5 MW (ISO-rated, natural gas)
- Compressor: 14-stage axial, 17.6:1 pressure ratio
- Emissions: Compatible with dry low-NO_x (SoLoNO_x) combustion architecture

ADVANTAGES

- Fuel flexibility on natural gas with low-emission combustion options available
- Scalable application — suitable for simple cycle, combined cycle, or mechanical drive use cases
- Compact, self-contained package enabling faster site installation versus large frame turbines

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Manufacturer	Solar Turbines
Model	Taurus 70 (10301 AXI)
Year	2004
Condition	Used
Location	Asia
Qty Available	1 Unit
Category	Natural Gas Turbines
Subcategory	1 – 9 MW
Stock Number	USP010977
Wattage	7.5 MW
Hours	10000 Hours
Frequency	50 Hz
Fuel Type	Natural Gas
Voltage	-
Balance of Plant Available? (BOP)	-

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Asset Photos

