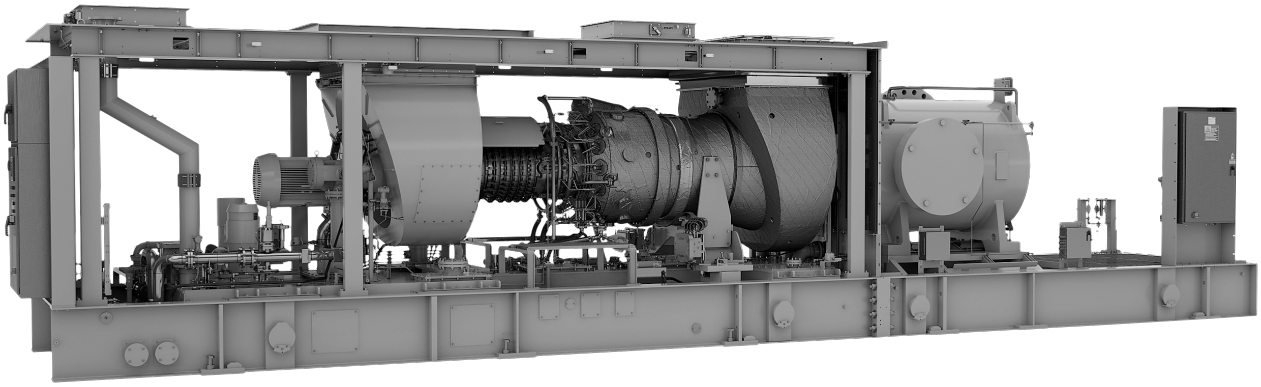
Solar® Turbines

A Caterpillar Company

TITAN™ 130

Gas Turbine Compressor Set

Powering the Future Through Sustainable, Innovative Energy Solutions



TURBINE DESIGN FEATURES

The Titan™ 130 is a lightweight industrial gas turbine designed for high efficiency across a wide power range. This gas turbine features high reliability, durability and low life cycle costs. The Titan 130 offers best-in-class low emissions capability through our SoLoNOx™ combustion technology with an expansive range of fuels. It has fast start capabilities, a modular design for maintainability and more than 20 years of service in locations across the globe.

PACKAGE DESIGN FEATURES

The power and speed of the Titan 130 are designed to drive Solar's extensive line of midstream and upstream centrifugal gas compressors, either directly or via a speed increasing gearbox. With the Titan, Solar continues the legacy of offering compact packages which incorporate all major support systems such as fuel system, lubrication system, start system and control system – all of which are fully tested prior to shipment.

DIGITAL INTEGRATION

InSight Platform™, Solar's proprietary digital technology foundation, is integrated throughout this product and ready to connect in the field. InSight Platform provides an entire ecosystem of tools and capabilities that provide real-time diagnostics and analytics to Solar's Customer Service network, and performance metrics to the equipment owners and operators.

CUSTOMER SERVICES

Solar's worldwide service organization is dedicated to your success. Our culture of customer care is the foundation of our commitment to the highest quality customer experience. With more than 60 service locations around the world, we are committed to ensuring reliable, efficient performance that precisely fits your requirements.

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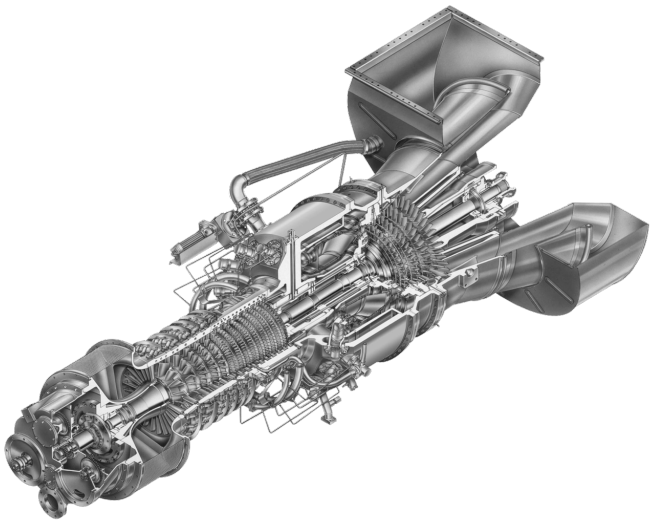
Typical Performance

Output Power	17 500 kW (23,470 hp)
Heat Rate	9620 kJ/kW-hr (6800 Btu/hp-hr)
Exhaust Flow	202 140 kg/hr (445,640 lb/hr)
Exhaust Temp.	480°C (895°F)

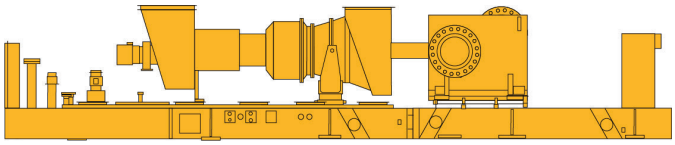
Nominal rating per ISO at 15°C (59°F), sea level
No inlet/exhaust losses
Relative humidity 60%
Natural gas fuel with LHV = 35 MJ/Nm³ (940 Btu/scf)
Optimum power turbine speed
Without driven accessories
Engine efficiency: 37.4%
Ratings above are typical new equipment ratings. Please contact Solar Turbines sales to obtain project specific data.



Typical Package Dimensions

Length: 15.2 m (50’)
Width: 3.4 m (11’ 2”)
Height: 3.5 m (11’ 4”)
Package Weight, Approx: 105 510 kg (232,400 lb)

Dry weight with typical compressor, unenclosed height, does not include ancillary equipment



Solar Turbines Incorporated
P.O. Box 85376
San Diego, CA 92186-5376

FOR MORE INFORMATION

Telephone: (+1) 619-544-5352
Email: infocorp@solarturbines.com
Internet: www.solarturbines.com

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ISO-9001 DNV CERTIFICATED FIRM