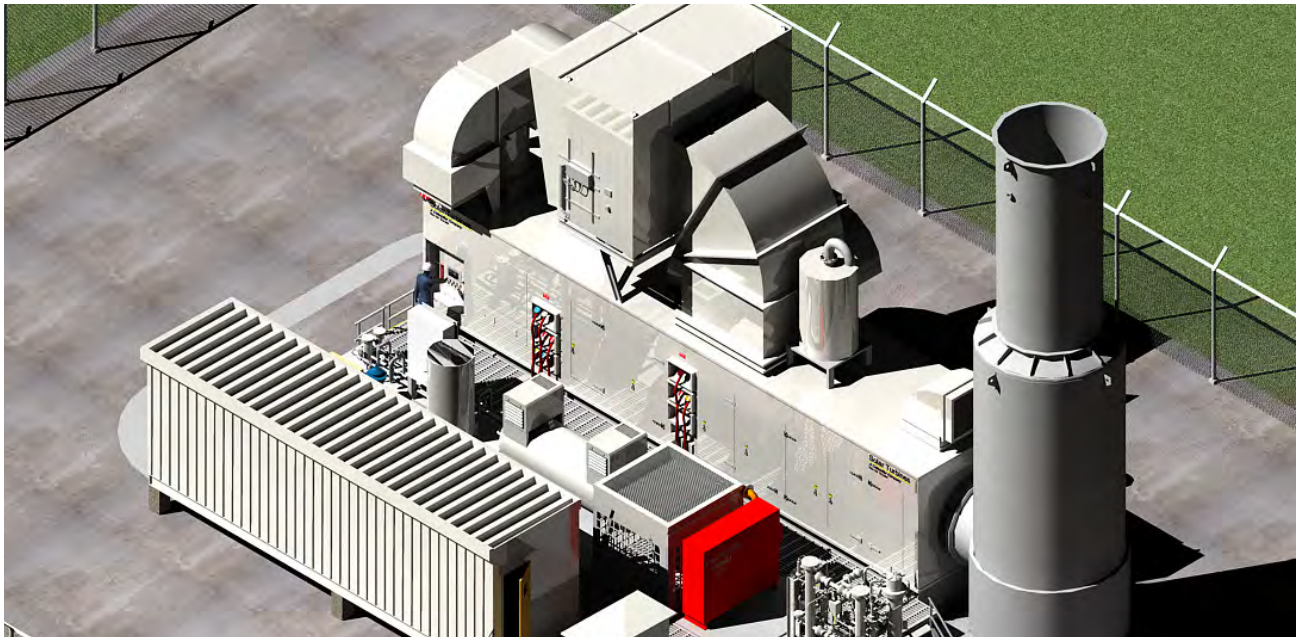


TITAN 130 GAS TURBINE MODULAR POWER PLANT

Power Generation



Complete System Solution

- Standardized Modular Design with Compact Footprint
- Reduces Design, Construction, and Installation Time
- Reliable, Low-Cost, Onsite Continuous Duty or Peaking Power
- Repowers New or Aging Facilities and Augments Existing Plants
- Wide Ambient Range and High Dust Environment Options

Operational Features

- 15 MWe Single-Shaft *Titan*™ 130 Industrial Gas Turbine Generator Set
- Complete Electrical Equipment Room with HVAC
- Low Voltage Motor Control Center
- Utility Grade Switchgear and Protective Relay Module
- Low Voltage Step-Down Transformer for Auxiliary Loads
- Turbine and Switchgear Battery and Charger

- Liquid Fuel and Gas Fuel Skid
- Service Air Unit
- Neutral Grounding Resistor
- Range of Control System Options for Remote Operation and SCADA Integration
- KVAR Control for Excellent Reactive Power Control Capability
- Turbine Inlet and Enclosure Air Filtration Support
- Black Start Capable Generator Option

Easy to Install

- Completely Modular Design for Rapid Set Up
- Plug-and-Play Mechanical and Electrical Interconnection
- Reduced Site Work and Shortened Construction Schedules
- Easy Access for Customer Connections

Environmentally Friendly

- Low Emissions State-of-the-Art

SoLoNOx™ Dry Low NOx Combustion System (Optional)

- Sound Attenuated Packages

Flexible

- Substantial Cost Savings versus Traditional Custom Design Engineering
- Dual-Fuel Capability (Natural Gas or No. 2 Diesel)
- Easy to Add Additional Power Blocks to Augment Existing Plant
- Financing Options Available

Customer Support

A comprehensive care package can be tailored to meet your individual project specifications.

- Start-Up and Commissioning
- Maintenance Programs
 - Maintenance Service Agreements
 - Full Service Agreements
 - Equipment Health and Maintenance Management
- Remote Monitoring and Diagnostics with *InSight System*™

Solar® Turbines
A Caterpillar Company

TITAN 130 GAS TURBINE MODULAR POWER PLANT

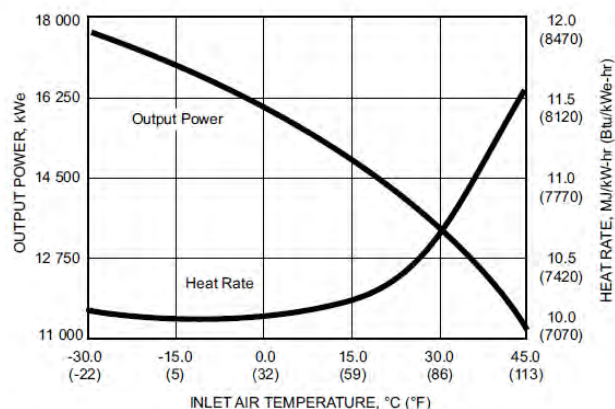
Power Generation

Performance*

Output Power	15 000 kW _e
Heat Rate	10 230 kJ/kW _e -hr (9695 Btu/kW _e -hr)

* 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)
No accessory losses
Engine efficiency 35.2%
(Measured at generator terminals)

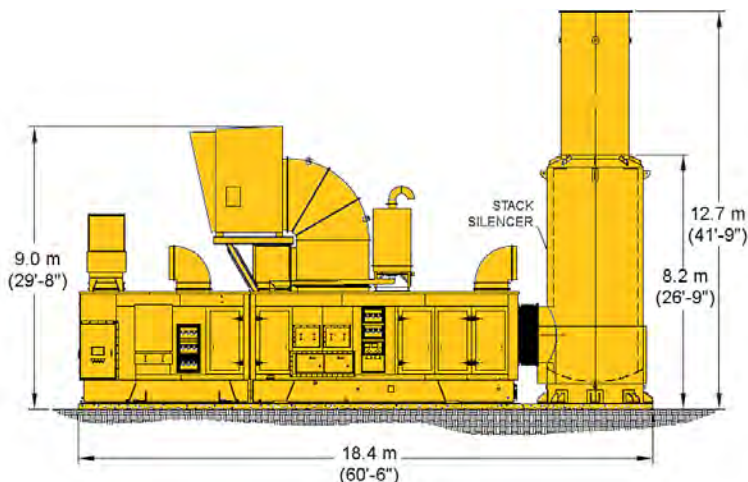
Available Power



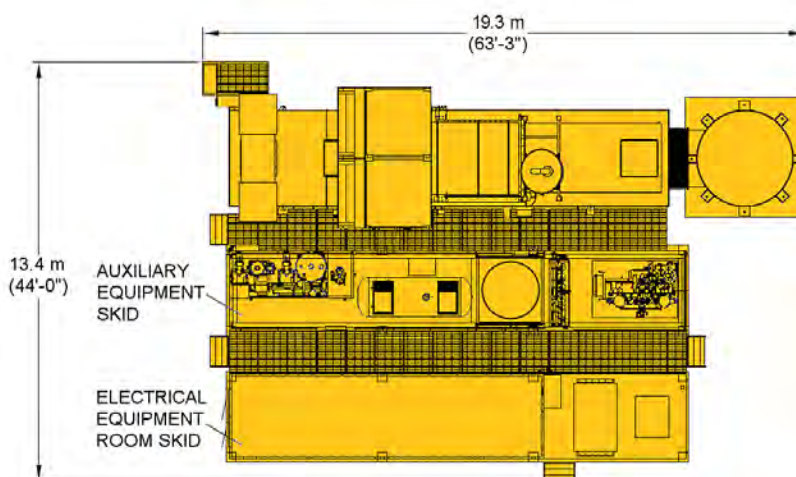
DS130MPP-001

Package Layout and Dimensions

SIDE VIEW



PLAN VIEW



DS130MPP-002

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