

Solar Mobile Turbomachinery

Fast and Easy Installation For Mobile Power

Solar Mobile Turbomachinery (SMT) is the best solution for oil field power, remote power and trailer power in the industry, and in emergencies such as natural disasters where quick power is essential. The single trailer design is a complete mobile power plant with wide fuel composition flexibility. This solution is based on the 5.7 MWe Taurus 60 gas turbine generator set – a proven industry standard. The SMT60 is ideal for scalable blocks of power. Some important facts about the Taurus 60:

- Introduced in 1987
- Over 2,000 units sold
- More than 300 million total operating hours



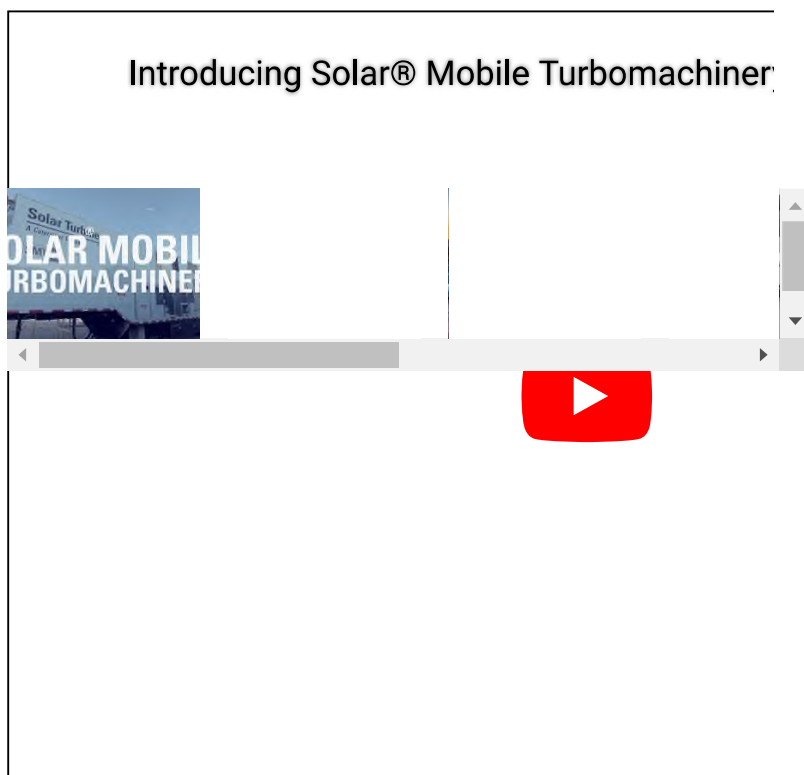
As an original equipment manufacturer, Solar has the most 5MW gas turbine units operating in the world. The SMT60 provides 5MW of scalable power for e-frac, gas gathering and processing, electric drilling (e-drill) and well completions, microgrids and oil field commissioning.

[SMT60 DATASHEET](#)

For higher power requirements, the SMT130 is the economic and sustainable solution for mobile and rapid deployment power generation. This 16.5 MWe complete power plant is designed around the proven Titan 130 gas turbine for quick setup, global transportability, and reliable operation. The SMT130 is ready to go anywhere, anytime.

[SMT130 DATASHEET](#)

These solutions are supported by Solar's extensive field service support, and condition-based maintenance using Insight and/or long-term service agreements.



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Solar Mobile Turbomachinery Components (SMT60 Only)

1. Electrical Equipment Compartment (EEC)
2. Medium Voltage Compartment

- 3. Generator Compartment
- 4. Generator Ventilation Inlet Filter
- 5. Turbine Compartment
- 6. Integrated Air Inlet Duct and Filters
- 7. Exhaust
- 8. MV Connection Point
- 9. SoLoNOx™ Gas Fuel System
- 10. Auto-Leveling Jack
- 11. Enclosure Ventilation Fans

Park, Plug And Play

The single trailer with fully integrated design is completed in Solar's shortest set-up time – less than six hours. There are no crane lifts involved, which makes it easy to coordinate relocation. The SMT60 includes an auto-leveling system and has only three main connections: medium voltage, black start, and gas fuel.

For Remote Locations

The SMT60 generator packages are engineered for the challenging demands of drilling and well completion - compact single trailer design for high power density with a small footprint.

Would You Like Us To Evaluate Your Mobile Power Needs?

Contact us to find out if Solar Mobile Turbomachinery is the right solution for you.

GET IN TOUCH

EXPLORE THE SOLAR TURBINES DIFFERENCE

**CONVERTING
HIGH HYDROGEN
FUEL TO
ELECTRICITY**

**OPTIMIZING
EQUIPMENT VALUE
ANYWHERE AND
ANYTIME**

**INNOVATIONS FOR
ENERGY SOLUTION**

Solar Turbines has
been innovating the energy
industry for more than 60

Some of Solar
Turbines' customers have
been operating on high
hydrogen fuel (including
coke oven gas) with greater
than 50% hydrogen to
generate power and steam
over the past 10 years.

EXPLORE

Customer support
extends beyond
maintenance and repairs to
include broad offerings that
help enhance performance
and safety, extend
equipment life and prevent
obsolescence.

EXPLORE

years and we will continue to
push what is possible.

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