BECAUSE IT’S TOUGH OUT THERE
TITAN 250 GAS TURBINE PACKAGES
KEEP RUNNING, NO MATTER WHERE

The world’s easily accessible oil and gas reserves are gone. The work has moved to tough places, from remote tar sands, to stormy, coldwater seas, to tropical regions and vast deserts. That’s why top producers take along Titan™ 250 gas turbines. Users know these field-proven machines will handle the most challenging environments around the world — and bolster the bottom line. They’re already at work producing, compressing, moving and processing oil and gas on five continents.

SQUARELY IN THE SWEET SPOT
Configured as compressor, mechanical drive or generator sets specifically for oil and gas applications, these field-proven machines will bring you more profit-generating hours. At 22.4 MW (30,000 hp), the Titan 250 blends economies of scale with best-in-class fuel efficiency and emissions, high availability, low life-cycle cost, and operating flexibility. You get all this plus renowned Solar Turbines customer support.

• 40 percent thermal efficiency — highest in its size range
• Excellent power density
• World-class emissions profile to meet tough standards
• Broad fuel capability — gas or liquid
• Fully integrated packages; easy to ship, install, operate and maintain

MORE UPTIME, MORE THROUGHPUT, MORE REVENUE
Consider what uptime means. In a 10-year cycle, even 1 percent more means 36 extra days of output, revenue and profit. We designed the Titan 250 from the ground up to give you more productive days. Our integrated approach — engineering, technologies, materials — builds on 2 billion successful hours of Solar® turbine operation, in every setting and duty.

• Rugged reliability in every component
• Turbotronic™ control system
• Sophisticated protective shutdown logic
• Easy service access — back online fast
• Advanced remote monitoring and diagnostics
ROBUST PACKAGES FOR MULTIPLE NEEDS

The Titan 250 is no aeroderivative turbine. Designed and built from the ground up for tough duty in onshore or offshore configurations, the Titan 250 delivers your complete packages fully tested and ready to run.

- Compressor sets for gas gathering, gas lift, storage/withdrawal and transmission
- Mechanical drive units for compressors and pumps
- Electric generator sets for prime power on offshore platforms, FPSOs, and gas production and process facilities

GO ANYWHERE; YOU WON’T GO ALONE

With the Titan 250, you’re never far from Solar Turbines support. We deploy the industry’s largest and most capable turbomachinery service team — 3,000 strong from 50 worldwide locations. We also operate nearly 30 overhaul and repair centers and several strategically located parts centers — so the parts you need are close by for quick, convenient delivery. No one tops our investment in service tools, technology and skill.

- Startup and commissioning services
- Post-installation field support
- Long-term service agreements
- World-class equipment health management services
- Extensive exchange engine fleet

TITAN 250 — PACKAGE LAYOUT AND DIMENSIONS*

TYPICAL WEIGHT: 49 900 kg (110,000 lb)

WIDTH: 3.7 m (12’’)

10.3 m (33’’ 9’’)

3.6 m (11’’ 11’’)

*TITAN 250 — PACKAGE LAYOUT AND DIMENSIONS*

*Driver package only
Dry weight
KNOW WHAT’S HAPPENING — ALL THE TIME, FROM ANYWHERE

Our InSight System™ remote monitoring and diagnostic system lets us track turbine and package health, so you can apply cost-effective, condition-based service.

- Detects issues previously found only through a technician visit
- Sustains performance and prevents unplanned downtime
- Lets you make sound, timely service and operating decisions based on data straight from your machines
PROOF IN PERFORMANCE

Simply stated, the Titan 250 performs — just like the other 14,800 Solar turbines in onshore and offshore applications worldwide. It’s the reason they’re working in some of the roughest places on Earth and the reason satisfied owners come back for more.

PROVEN IN CRITICAL DUTY
Kern River Gas Transmission Company, ranked high in customer satisfaction for Interstate Pipeline service,* relies solely on Solar for turbine power. A Titan 250 compressor package at the company’s compressor station in Milford, Utah, USA, has been in service since 2011. Solar works closely with Kern River at this critical installation to meet the highest standards of equipment reliability, performance and efficiency.

MODERNIZATION OF A COMPRESSOR STATION
The MEGAL pipeline system is a major natural gas pipeline system in southern Germany. The Waidhaus station on this pipeline is the head compressor station for the supply of natural gas from Russia into the German and European markets. Since this station is critically important for the European gas supply, high availability and reliability of equipment were key factors in the decision to replace three of the existing LM2500 compressor sets with three Titan 250 gas turbines with matched C85 compressors and one Titan 130 gas turbine. These turbines all have the SoLoNOx™ dry low-emissions combustion system, allowing the customer to comply with stringent European emissions requirements.

GAS DEVELOPMENT FOR CHINA
Titan 250 turbines are helping the China National Offshore Oil Corporation develop natural gas resources to meet China’s growing energy needs. Two Titan 250 compressor sets — an excellent fit because of their high power density — help power a major production platform in the South China Sea as part of the Liwan project. Three more Titan 250 compressor units operate at a new gas processing plant at Gaolan Island. Investments in product and in-country personnel help Solar support these units effectively.

*Pipeline & Gas Journal, December 2013.
EXPERIENCE OUR CULTURE
OF CUSTOMER CARE

The Solar Turbines team assures you of the highest-quality experience, from your initial inquiry throughout your equipment’s life. You’ll profit from our six decades of experience with more than 14,700 turbine packages in more than 100 countries. See what Titan 250 packages can do for you.

Contact us today.

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