

The logo features the word "DYNAMIS" in a large, bold, white sans-serif font, with "POWER SOLUTIONS" in a smaller, all-caps sans-serif font below it. The text is centered within a dark gray circle. To the right of the text, there is a cluster of small, light blue dots of varying sizes, some of which are connected by thin lines, suggesting a network or molecular structure.

DYNAMIS

POWER SOLUTIONS

A large, dark blue and red mobile power package trailer is shown from a side profile. The trailer has a long, rectangular body with a red upper section and a blue lower section. It features multiple sets of wheels and a large, white, slatted door on the side. The name "WILLAMETTE" is visible on the blue section. The trailer is parked on a dark surface.

DT8 Mobile Power Package

Siemens SGT300 Gas Turbine

Dynamis' most compact power solution, the 7.9MW package design is a single trailer inclusive of all necessary components for safe power plant operation. Our innovative design allows for greater flexibility by eliminating the need for a crane or forklift onsite during mobilization and demobilization. This provides Dynamis the unrivaled capability of deployment in as little as 1 hour.

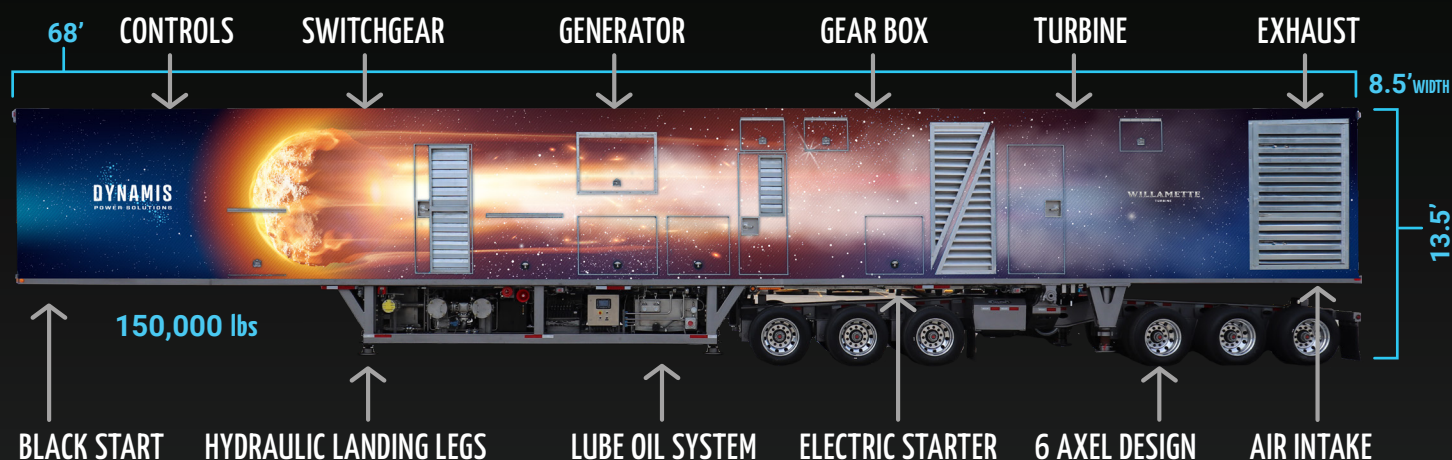
Benefits

- Rapid deployment, installation and commissioning in less than 1 hour
- No crane lifts required for mobilization and demobilization
- Low maintenance and ease of service
- No concrete pad required for installation
- Experienced Dynamis personnel are able to provide maintenance, operation, troubleshooting, and mobilization
- Accepts fuels; field gas, CNG, or LNG
- Remote support available 24/7 from Dynamis' Operations Excellence Center

Features

- Generates up to 7.9MW of power at 13.8kV
- Reliable SGT300 gas turbine
- Dry low emissions gas turbine (NOX<15, CO<9)
- Industry benchmark with single trailer for all required power equipment
- Switchgear provides auto transfer to black start in case of generator trip
- Diesel black start integrated on trailer
- Auto leveling hydraulic system
- Compact footprint installation
- 75 dba capable power plant solution
- Electric turbine starter; eliminates hydraulic motors, reservoir, cooling and oil
- Dual frequency package available
- Remote connectivity built in and available for diagnostic support, upgrades, etc.

7.9MW Turbine Trailer



SGT300 Gas Turbine

The SGT300 turbine exhibits a 32,000 hour service interval vs. a diesel engine's 8,000 hour service interval. This ultra-mobile turbine package converts field gas, CNG, or LNG into electricity resulting in a 95% fuel cost savings vs diesel.

Product Name	SGT300-1S
Power (MW)	7.9 (electric)
Efficiency (%)	30.6 (electric)
HPT speed (RPM)	14,010
Heat Rate (kJ/kWh)	11,773 (electric)
Exhaust Temp (°C)	542
Exhaust Flow (kg/s)	30.2
Steam Production (10bar/a dry t/hr)	14.5
Emission NOX/CO2 (natural gas)(in the range 50 to 100% load)	<15/9
Pressure ratio	13.7
Mean time between major overhaul maintenance (hours)	64,000

