**SGT-2000E gas turbine series**

*Mature design leading to best-in-class reliability*

**Combustion**
- Outstanding fuel flexibility, ranging from heavy fuel oil to low calorific gases
- Two easily accessible silo combustion chambers for fast maintenance
- Lined with ceramic tiles which can be replaced individually

**Rotor and bearings**
- Hydraulic Clearance Optimization (HCO): Transient protection of clearances for fast starts with reduced degradation and and clearance losses (only available for 50 Hz version)
- Built disc-type rotor with radial Hirth serrations and central tie rod: Light-weight, highly rigid design with excellent start-up performance and high cycling capability
- Rotor de-stacking capability on site for easy maintenance

**Compressor**
- Emission-compliant operation down to 50% at constant exhaust temperature
- Fast-acting variable inlet guide vanes for grid frequency stabilization
- All compressor blades and vanes replaceable without rotor lift or rotor de-stacking

**Axial exhaust**
- Cold end generator drive for optimal flow pattern

**Turbine**
- Four stage turbine, blades and vanes with Si3DTM design for enhanced performance

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**Flexibility**

**Performance**

**Serviceability**