



- Packages
- Compressor Sets
- Mechanical Drive Sets
- Generator Sets
- Saturn 20
- Centaur 40
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Gas Turbine Generator Sets

Solar builds complete turbomachinery packages that are ready to go to work...no matter where the job might be worldwide. Solar designs and manufactures gas turbines and packages under various quality systems ensuring the highest reliability.

Generator Sets

Power Range, mW	1	5	10	15	20
Saturn 20	Single-Shaft				
Centaur 40	Single-Shaft				
Centaur 50	Single-Shaft				
Taurus 60	Single-Shaft				
Taurus 65	Single-Shaft				
Taurus 70	Single-Shaft				
Mars 90	Two-Shaft				
Mars 100	Two-Shaft				
Titan 130	Single-Shaft				



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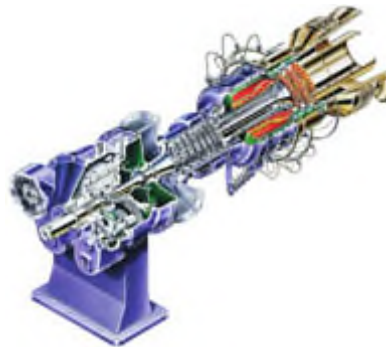
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Oil & Gas Industry > Packages > Generator Sets > Saturn 20

English

Saturn 20 Generator Set

Saturn® gas turbines have proven themselves in over 4800 installations. Introduced in 1960, they have logged more than 620-million operating hours and are available in a single-shaft, constant-speed configuration for driving generators.



Brochures

[Registration Benefits](#)

Data Sheets

[Saturn 20 Gas Turbine Generator Set \(160kb\)](#)

ISO Performance/Specifications

Metric

Saturn 20 GS

Power	kWe	1210
Heat Rate	kJ/kW-hr	14 795
Exhaust Flow	kg/hr	23 540
Exhaust Temperature	°C	505
Steam Production	tonnes/hr	3.7-16.8
Axial Exhaust		Yes
SoLoNOx		No
Package Length	mm	5766
Package Width	mm	1651
Package Height	mm	1997
Approximate Weight	kg	9980

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Packages

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Mechanical Drive Sets

Generator Sets

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Taurus 60

Taurus 65

Taurus 70

Mars 90

Mars 100

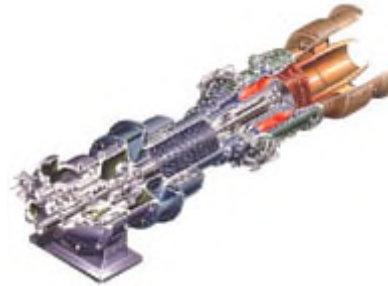
Titan 130

Gas Compressors**Construction Services****Compression Services****Toolbox**[Oil & Gas Industry](#) > [Packages](#) > [Generator Sets](#) > [Centaur 40](#)

English ▾

Centaur 40 Generator Set

Centaur[®] gas turbines are at work today in thousands of installations both offshore and on land ranging from arctic to tropical zones.

**Brochures**[Registration Benefits](#)**Data Sheets**[Centaur 40 Gas Turbine Generator Set \(200kb\)](#)

ISO Performance/Specifications

Metric ▾

Centaur 40 GS

Power	kWe	3515
Heat Rate	kJ/kW-hr	12 910
Exhaust Flow	kg/hr	67 000
Exhaust Temperature	°C	435
Steam Production	tonnes/hr	8.1-48.0
Axial Exhaust		Yes
SoLoNOx		Yes
Package Length	mm	8750
Package Width	mm	2440
Package Height	mm	2130
Approximate Weight	kg	23 755

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Packages

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Gas Compressors**Construction Services****Compression Services****Toolbox**[Oil & Gas Industry](#) > [Packages](#) > [Generator Sets](#) > [Centaur 50](#)

English ▼

Centaur 50 Generator Set

Centaur[®] gas turbines are at work today in thousands of installations both offshore and on land ranging from arctic to tropical zones.

**Brochures**[Registration Benefits](#)**Data Sheets**[Centaur 50 Gas Turbine Generator Set \(175kb\)](#)

ISO Performance/Specifications

Metric ▼

Centaur 50 GS

Power	kWe	4600
Heat Rate	kJ/kW-hr	12 270
Exhaust Flow	kg/hr	68 680
Exhaust Temperature	°C	510
Steam Production	tonnes/hr	10.9-49.1
Axial Exhaust		Yes
SoLoNOx		Yes
Package Length	mm	8750
Package Width	mm	2440
Package Height	mm	2590
Approximate Weight	kg	27 080

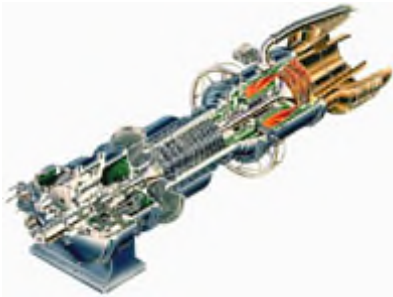
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Taurus 60 Generator Set

The family of *Taurus*™ gas turbines represents years of intensive development by the engineering and manufacturing groups at Solar and offers many advanced features.



Brochures

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Data Sheets

[Taurus 60 Gas Turbine Generator Set \(300kb\)](#)

Taurus 60 GS		
Power	kWe	5500
Heat Rate	kJ/kW-hr	11 840
Exhaust Flow	kg/hr	78 900
Exhaust Temperature	°C	510
Steam Production	tonnes/hr	11.6-56.9
Axial Exhaust		Yes
SoLoNOx		Yes
Package Length	mm	8750
Package Width	mm	2440
Package Height	mm	2130
Approximate Weight	kg	30 454



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Oil & Gas Industry > Packages > Generator Sets > Taurus 65

English

Taurus 65 Generator Set

The family of *Taurus*™ gas turbines represents years of intensive development by the engineering and manufacturing groups at Solar and offers many advanced features.



Data Sheets

[Taurus 65 Gas Turbine Generator Set \(250k\)](#)

ISO Performance/Specifications

Metric

Taurus 65 GS

Power	kWe	6300
Heat Rate	kJ/kW-hr	10 945
Exhaust Flow	kg/hr	75 949
Exhaust Temperature	°C	549
Steam Production	tonnes/hr	14.6-58.2
Axial Exhaust		Yes
SoLoNOx		Yes
Package Length	mm	9753
Package Width	mm	2489
Package Height	mm	2946
Approximate Weight	kg	33 045

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Taurus 70 Generator Set

The family of *Taurus*™ gas turbines represents years of intensive development by the engineering and manufacturing groups at Solar and offers many advanced features.



Brochures

[Registration Benefits](#)

Data Sheets

[Taurus 70 Gas Turbine Generator Set \(50kb\)](#)

ISO Performance/Specifications

Metric

Taurus 70 GS		
Power	kWe	7520
Heat Rate	kJ/kWe-hr	10 650
Exhaust Flow	kg/hr	97 000
Exhaust Temperature	°C	490
Steam Production	tonnes/hr	14.2-69.4
Axial Exhaust		Yes
SoLoNOx		Yes
Package Length	mm	11 278
Package Width	mm	2718
Package Height	mm	2737
Approximate Weight	kg	46 803

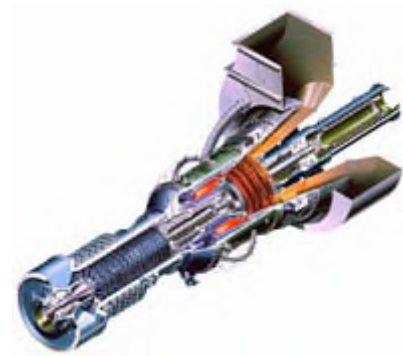
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Mars 90 Generator Set

The *Mars*® gas turbine has been engineered for very high reliability and durability as well as ease of maintenance. Like Solar's other gas turbine families, *Mars* gas turbines are available for compressor, generator, and mechanical-drive applications.



Brochures

[Registration Benefits](#)

Data Sheets

[Mars 90 Gas Turbine Generator Set \(350kb\)](#)

ISO Performance/Specifications

Metric

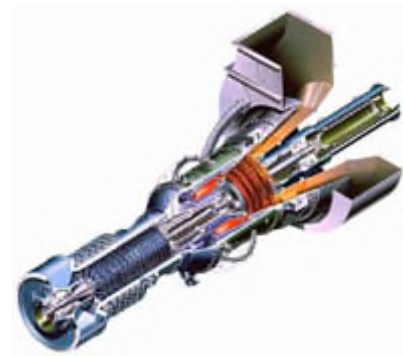
Mars 90 GS		
Power	kWe	9450
Heat Rate	kJ/kWe-hr	11 300
Exhaust Flow	kg/hr	144 590
Exhaust Temperature	°C	465
Steam Production	tonnes/hr	19.6-103.6
Radial Exhaust		Yes
SoLoNOx		Yes
Package Length	mm	14 516
Package Width	mm	2994
Package Height	mm	3632
Approximate Weight	kg	67 570



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Mars 100 Generator Set

The *Mars*® gas turbine has been engineered for very high reliability and durability as well as ease of maintenance. Like Solar's other gas turbine families, *Mars* gas turbines are available for compressor, generator, and mechanical-drive applications.



Brochures

[Registration Benefits](#)

Data Sheets

[Mars 100 Gas Turbine Generator Set \(300kb\)](#)

ISO Performance/Specifications

Metric

Mars 100 GS		
Power	kWe	10 695
Heat Rate	kJ/kWe-hr	11 090
Exhaust Flow	kg/hr	149 930
Exhaust Temperature	°C	485
Steam Production	tonnes/hr	22.1-107.7
Radial Exhaust		Yes
SoLoNOx		Yes
Package Length	mm	14 520
Package Width	mm	2930
Package Height	mm	3660
Approximate Weight	kg	62 480



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Titan 130 Generator Set

The *Titan*™ 130 gas turbine is Solar's most powerful engine. The single-shaft version is designed to deliver a simple-cycle thermal efficiency of 35 percent.



Brochures

[Registration Benefits](#)

Data Sheets

[Titan 130 Gas Turbine Generator Set \(200kb\)](#)

ISO Performance/Specifications

Metric

Titan 130 GS

Power	kWe	15 000
Heat Rate	kJ/kWe-hr	10 230
Exhaust Flow	kg/hr	179 250
Exhaust Temperature	°C	495
Steam Production	tonnes/hr	27.7-134.5
Axial Exhaust		Yes
SoLoNOx		Yes
Package Length	mm	13 870
Package Width	mm	3050
Package Height	mm	3250
Approximate Weight	kg	79 061

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