

INDUSTRIAL (BIO) GAS GENERATOR SETS



**Maximum
energy
efficiency
in both
electricity
and heat**



Innovation based on years of experience

This is what Sandfirden used while developing the range (bio) gas generator

BIOGAS and natural gas as a sustainable fuel, which produces much lower emissions. It saves tons of CO₂ and develops the greenest application whilst offering huge financial savings through reduced primary energy costs.

The flexible mounted generator sets are efficient, reliable and available in various electrical loads with different options. Cogeneration or Combined Heat and Power (CHP) Technology converts gas into both electricity and heat. The recovery of heat from both the engine jacket cooling water and the exhaust gas flow make it possible for us to achieve an overall system efficiency in excess of 90%.

Design and lean-burn technology make the Sandfirden gas generator sets extremely clean and economical. The proven reliability allows the generator sets to be operated 24 hours a day, 7 days a week. Operating costs are low due to long maintenance intervals and low oil consumption.

For customers Remote Technology makes it possible to obtain quick and easy access to the unit. Data can be accessed by desktop computer, laptop or even by smartphone.

Please contact us if you have any questions.

You're not there for us, Sandfirden is there for you!



Biogas / Landfill gas

INDUSTRIAL (BIO) GAS GENERATOR SETS

Sandfirden genset type	Engine	Normal rating (kWe) COP		Dimensions (mm)			Weight (kg)
		50 Hz	60 Hz	Length	Width	Height	
GL 411C	Agco	50	55	2450	911	1800	1800
GL 612C	Agco	100	110	2450	911	2060	2100
GL 621A	Scania	150	170	2800	1100	2060	2450
GL 621B	Scania	200	225	2800	1100	260	2450
GL 621C	Scania	250	280	2600	1286	2060	3100

Rating COP: Continuous power according to the international performance standard ISO 3046

- Standard equipment:**
- Natural gas / biogas engine
 - Stamford alternator
 - Control panel
 - Gas fuel train
 - Gas engine and alternator mounted on common steel frame

- Optional equipment:**
- Heat recovery
 - Synchronizing control panel
 - Distribution board
 - Cooling package
 - Acoustic canopy



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