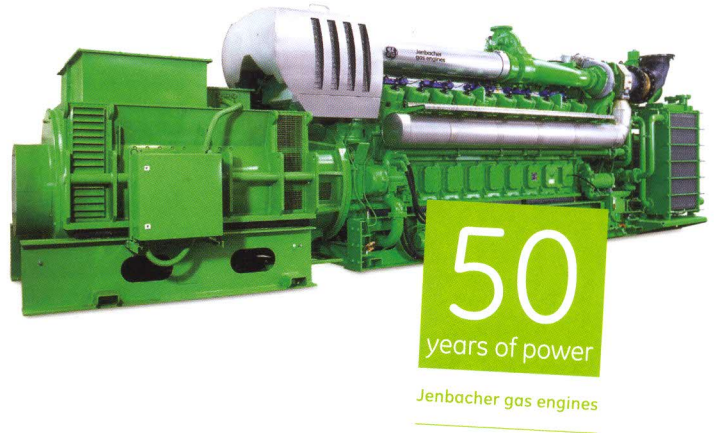




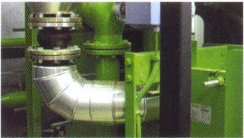
# Jenbacher type 6



## cutting-edge technology

Continuously refined based on our extensive experience, the Jenbacher type 6 engines are reliable, advanced products serving the 1.8 to 3 MW power range. Its 1,500 rpm engine speed results in a high power density and low installation costs. The type 6 pre-combustion chamber achieves maximum efficiency with low emissions. Proven design and optimized components enable a service life of 60,000 operating hours before the first major overhaul.

## reference installations

model, plant	key technical data	description	
<b>J612 GS</b> Beretta, industry; Gardone, Italy	Fuel..... Natural gas Engine type..... 1 x JMS 612 GS-N.L Electrical output..... 1,457 kW Thermal output..... 1,536 kW Commissioning..... December 1998	The generated electricity covers the entire electricity requirement of the Beretta factory, while the heat is used for the production process. By using our cogeneration system, Beretta was able to reduce the energy supply costs for the factory by 30%.	
<b>J616 GS</b> Mussafah Industrial City, residential area; Abu Dhabi, UAE	Fuel..... Natural gas Engine type..... 3 x JGS 616 GS-N.L Electrical output..... 6,018 kW Commissioning..... June 2003	Three Jenbacher generator sets supply power generation for continuous operation of compressor chillers to provide chilled water for cooling to a residential area that incorporates apartments, shopping centres, mosques, a police station, and a cinema complex.	
<b>J616 GS</b> Van der Arend Roses; Maasland, The Netherlands	Fuel..... Natural gas Engine type..... 2 x JMS 616 GS-N.LC Electrical output..... 4,376 kW Thermal output..... 5,256 kW Commissioning..... February and December 2003	The Jenbacher cogeneration systems provide power for artificial lighting, heat and CO <sub>2</sub> to increase the greenhouse rose production capabilities. The CO <sub>2</sub> produced from the exhaust gas of the engines is used for fertilization in the greenhouses.	
<b>J620 GS</b> Biomass power plant; Güssing, Austria	Fuel..... Wood gas Engine type..... 1 x JMS 620 GS-S.L Electrical output..... 1,964 kW Thermal output..... 2,490 kW (district heating 70°C/90°C) Commissioning..... April 2002	The wood gas produced and cleaned in a fluidized bed/steam reactor is converted into heat and power in the Jenbacher cogeneration plant and forms an important component in an innovative project aimed at meeting 100% of the region's energy needs from renewable sources.	