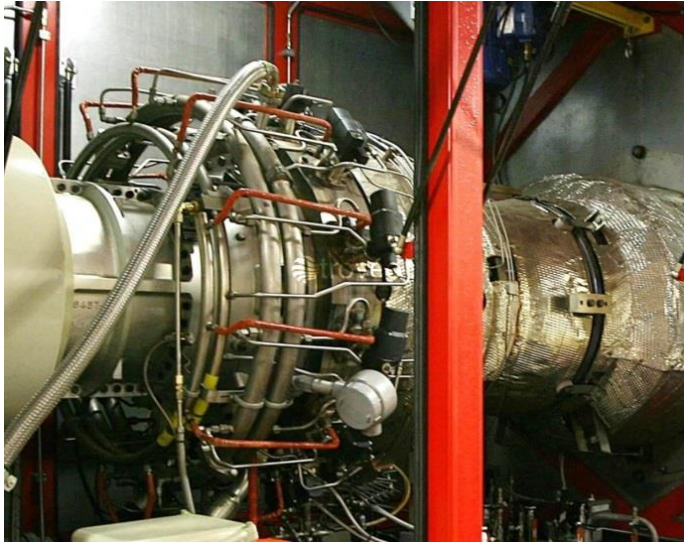


GENERAL DESCRIPTION

Type:
Combined Heat and Power Plant

Location:
Western Europe



This generation unit resembles a typical CHP industry size unit with a gas-turbine and a subsequent heat recovery steam generator and steam output at 20 bar.

This well maintained, operational unit will be available due to site restructuring in October 2018.

This quite new second-hand plant will be ideal for industry sites in need of flexible supply with both, electricity and heat.

Due to its modular design, this unit can be easily dismantled, packed and transported.

Offering

item / type	gas-turbine – generator – HRSG set
typical usage	combined head and power generation
status	operational, fully serviced, very good condition
availability for dismantling	October 2018
sales prices	600.000 Euro (negotiable)
new build time (for comparison)	6 months (approx.)

Key Figures

main fuel type	natural gas or light fuel oil
electrical output	5 MW _e gross capacity (approx.)
thermal output	20 MW _{th} gross capacity (approx.)
plant size	200 m ² (approx., depending on HRSG setup)
year of commissioning	2005

Operating Figures

max. generation capacity	5.2 MW _e (approx., at full load)
fuel quality	natural gas; light fuel oil
fuel storage capacity	(not included)
type of cooling	air cooling

Technical Figures of Main Components

This power unit for sale comprises one gas turbine, one power generator and an easy to transport heat recovery steam generator.

5 MW CHP unit

gas turbine	industrial gas turbine, dual fuel electrical capacity approx. 5.2 MW (at full load) thermal capacity approx. 20 MW exhaust flow rate and temperature 21 kg/s at 510 °C total operating hours 34.000 approx. year of commissioning 2005
Generator	approx. 5.9 MVA rated voltage 6.3 kV air cooling year of commissioning 2005
HRSG (heat recovery steam generator)	steam volume 13 t/h steam pressure 20 bar steam temperature 212 °C flue stack height 25 m total operating hours 34.000 approx. year of commissioning 2005

Additional Information

auxiliary systems	some equipment available on request
spare parts	some spare parts included
marketing service fee	will be paid by the seller

Disclaimer

Although the statements and technical information contained herein are believed to be materially accurate, no representation or warranty is given as to the accuracy of any of the information provided.

Contact

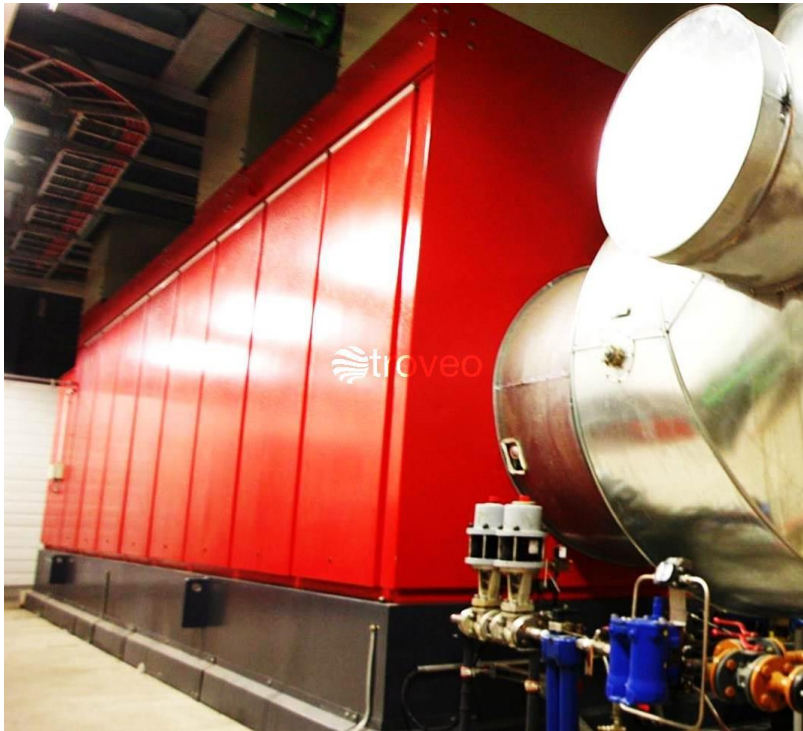
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Further impression



outside view of turbine - generator container