



ecotech

What do we want to achieve?

- **Climate protection**
- **Pioneer in the decentralized energy supply**
- **Preservation of resources for future generations**

GLOCK ecotech GmbH

Combined heat and power plants

Data and facts

Foundation:

2010

Location:

9112 Griffen, Austria

Number of employees in Griffen:

60

Production capacity Griffen:

3,000 m²

Company area:

13,000 m²

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COMPANY



**Made in
Austria**

GLOCK ecotech

Manufacturer of combined heat and power plants

GLOCK ecotech's combined heat and power plants are the result of many years of development and innovation.

We offer you the opportunity to produce heat and green power with wood chips. This new form of energy supply offers efficiency and sustainability to every customer.

A crisis-proof, weather and import-independent energy supply is thus ensured 365 days a year.

Development efforts focus on the valuable, regionally available resource of biomass. This represents a decisive contribution to both climate protection and network security.



**Power
Heat
365
days a year**

Combined heat and power plant

Development time:
10 years

Running time of the first plants:
More than 50,000 hours
(per January 2023)

Plants in operation:
60
(per January 2023)



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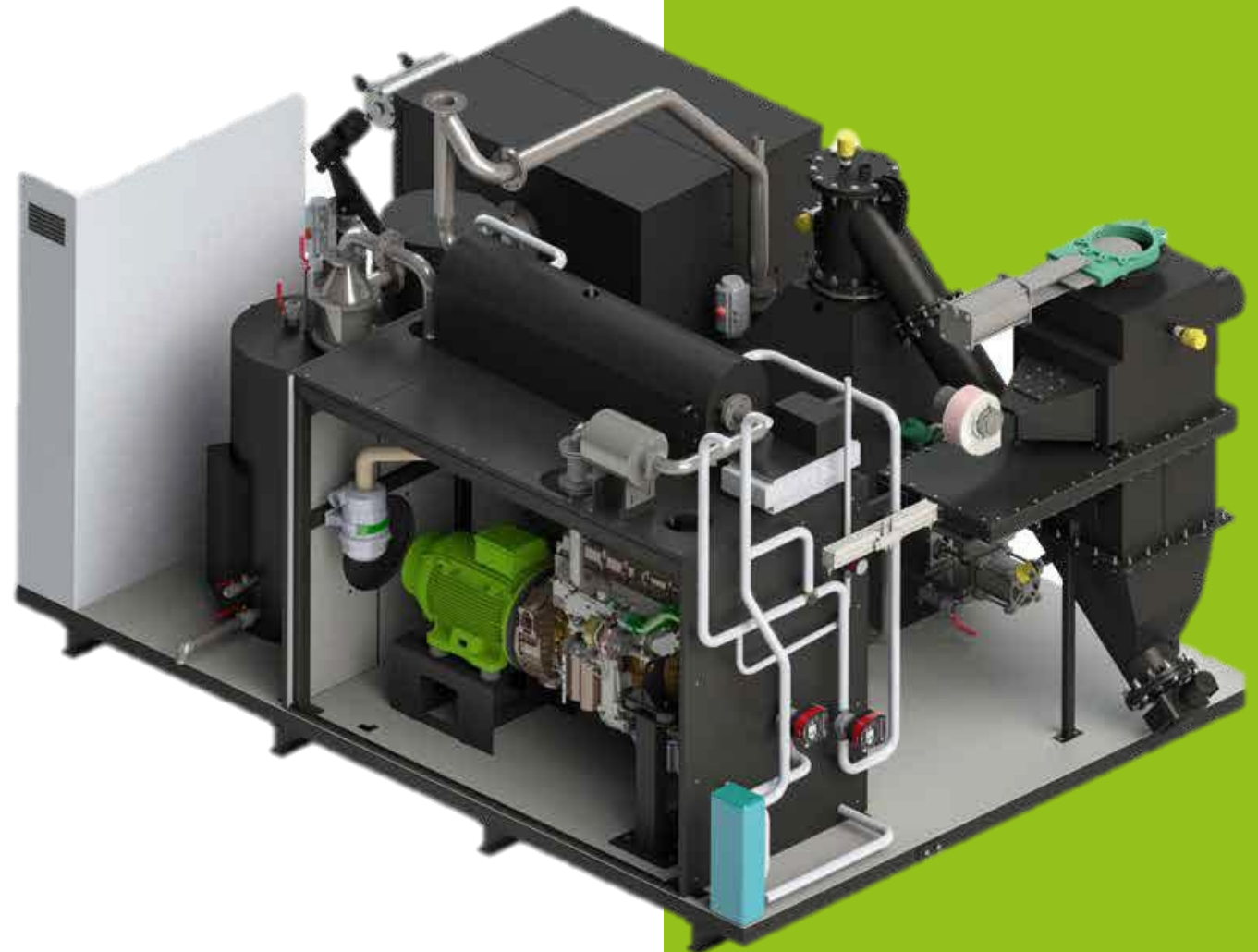
GG-CHP

Technical data

	GG-CHP 1.7	GG-CHP 2.7
Electrical power:	18 kW	50 kW
Thermal power:	44 kW	110 kW
Wood chips consumption:	approx. 700m ³ per year in case of 8,000h	approx. 1,600m ³ per year in case of 8,000h
Water content wood chips:	≤ 13 %	≤ 13 %
Dimensions:	2.3 m x 5.0 m x 2.9 m (W x L x H)	3.6 m x 5.0 m, 3.0 m (W x L x H)

Unique selling points

- Operation with wood chips with $\leq 13\%$ moisture (GLOCK ecotech – wood chip standard)
- Plug & Play- the plant is already wired and piped
- The entire system operates in vacuum
- The plant operates full automatically on its own
- Wood chips logistics with fine parts separation in industrial design
- Cascade circuits possible



14 Combined heat and power plants GG.CHP 2.7

Power generation: **5,600 MWh/year**

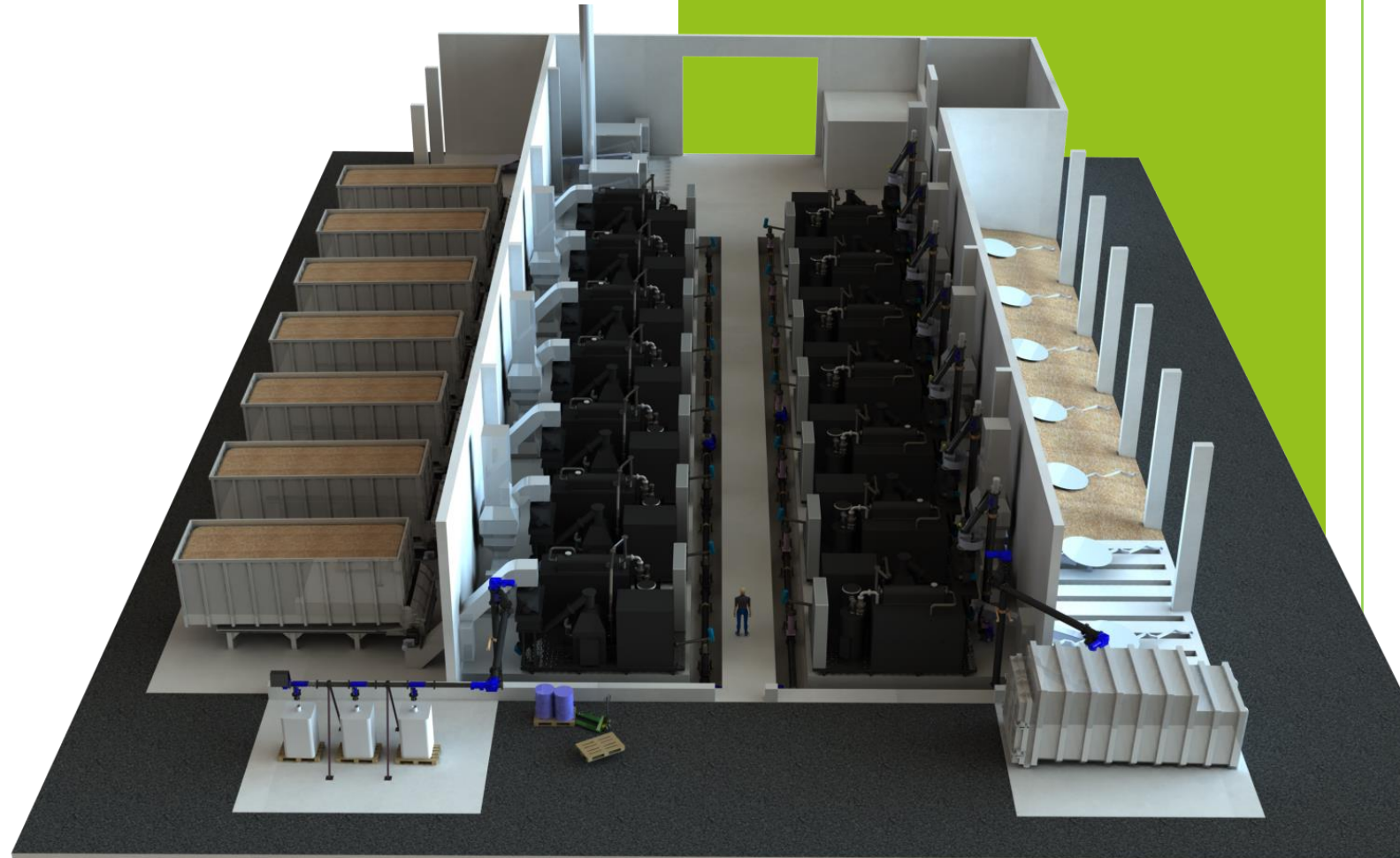
Heat generation: **~12,600 MWh/year**

Wood chips consumption: **23,100 m³/year**

Coal production: **224 tons/year**

Energy centre Griffen

- Commissioning: **2018**
- Final expansion: **2023**
- CO₂-neutral heat supply for **660 households**





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