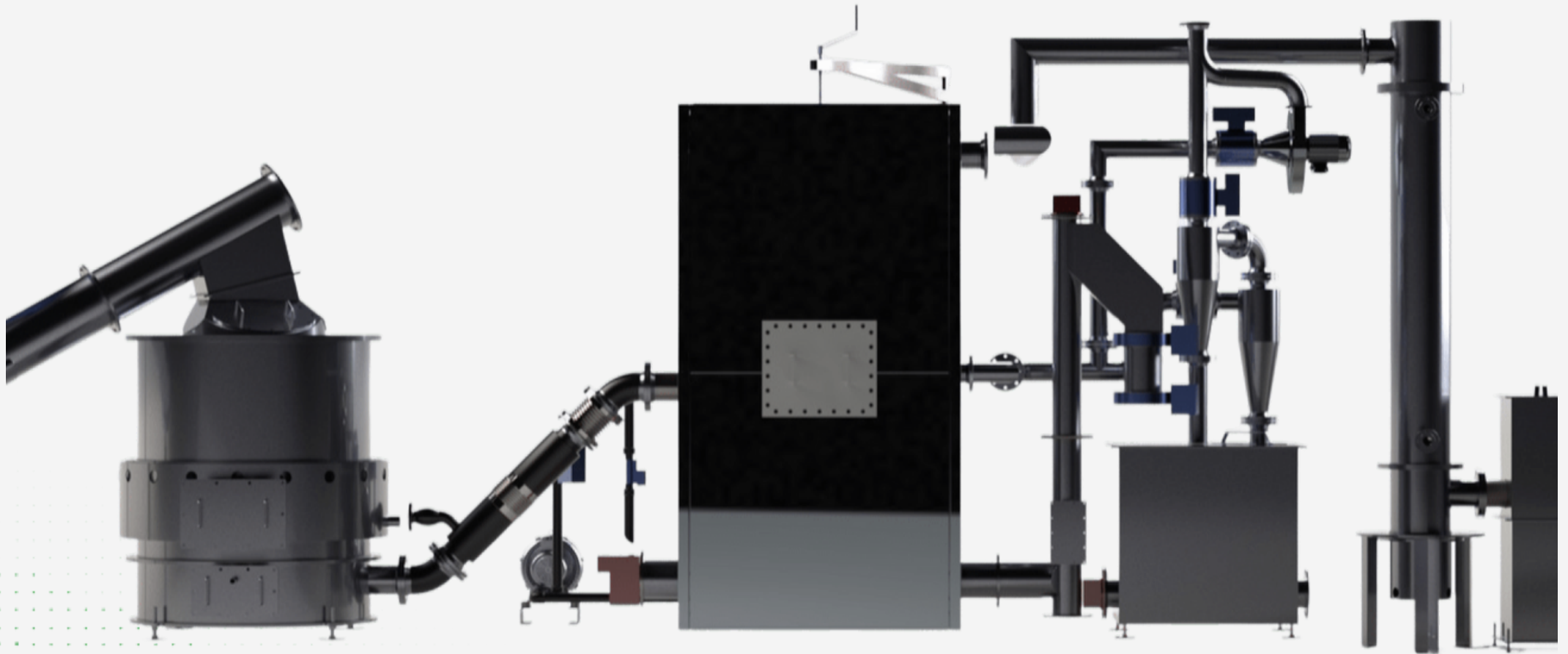


Data sheet

HVG 135 kW - Wood chips, briquettes



Version: November 2022

Data sheet

HVG 135 kW - Wood chips, briquettes

Power

Electrical rating:	135 kWel
Thermal rating:	266 kWth
Overall efficiency:	83,3%
Electrical efficiency:	28,1%
Thermal efficiency:	55,4%
Max. Supply/return temp:	80 - 88°C (5.000 l/h) Return max. 70°C
Operating hours:	usually ≥ 8.000 hours**

Raw materials and supplies

Fuel: Natural wood chips max. 10% Humidity

Fuel consumption: ca. 95kg/h*

Electrics

Rated voltage: 400 V

Control unit: Fully automatic operation, 24/7 remote monitoring

We recommend a storage capacity of 17 tons, which is enough for about 1 week.

*dependent on fuel quality

**dependent on maintenance and fuel quality

Dimensions and weights (frame solution)

The complete system can be placed on the floor in a building. Also available as a "Plug & Play" solution, completely installed on a frame or in 40" + 20" containers.

Dimensions wood gasifier (L x B x H):	20 ft HC-Seecontainer
Dimensions BHKW (L x B x H):	6056 x 2438 x 2896 mm (20ft Container)
Dimensions control cabinet (L x B x H):	600 x 400 x 2000 mm
Weight wood gasifier:	11000 kg
Weight BHKW:	9000 kg

About WegscheidEntrenco

WegscheidEntrenco's biomass cogeneration plants offer you low-emission, clean and carbon-neutral energy from wood pellets, wood chips, briquettes and selected waste materials.

- Modular energy systems for industry and commerce "Made in Germany".
- Scalable from 50kWel to 2 MWel for power, heating and cooling
- Turnkey commissioning in 2 days (depending on site preparation)

WegscheidEntrenco offers the most cost-effective power generation available around the clock. A new standard for affordable and reliable energy supply.

If you are interested, please feel free to contact us.



www.we-bioenergy.com/kontakt



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