

	CHP unit type	Electrical output	Heat output (kW)	Electrical efficiency (%)	Heat efficiency (%)	Total efficiency (%)	Fuel input (kW)
MICRO	Micro 30	20	41.3	29.7	61.4	91.1	67.3
	Micro 30	30	59.0	30.9	60.8	91.7	97.1
	Micro 50	44	78.7	32.6	58.3	90.9	135
CENTO	Cento 80	83	120	35.0	50.6	85.6	237
	Cento 100	106	142	36.6	49.0	85.6	290
	Cento 120	124	165	36.9	49.1	86.0	336
	Cento 160	166	217	37.7	49.3	87.0	440
	Cento 180	182	223	39.1	48.0	87.1	465
	Cento 200	200	245	39.1	47.9	87.0	511
FLEXI	Flexi 350	354	397	40.2	45.1	85.3	880
	Flexi 430	430	506	39.4	46.4	85.8	1 090
	Flexi 530	528	584	40.2	44.5	84.7	1 313
QUANTO	Quanto 600	600	613	42.7	43.6	86.3	1 405
	Quanto 800	800	803	43.1	43.3	86.4	1 856
	Quanto 1000	999	1 089	42.6	46.4	89.0	2 345
	Quanto 1200	1 200	1 285	43.0	46.0	89.0	2 793
	Quanto 1600	1 560	1 699	42.6	46.4	89.0	3 663
	Quanto 1800	1 840	1 840	43.6	43.6	87.2	4 223
	Quanto 2300	2 300	2 289	43.4	43.4	86.8	5 271

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Notes on data in all tables

The data presented in the document are for information only.
The gas consumption with a tolerance according to ISO 3046-1.
The term biogas also includes other fuels resulting from the biological decomposition, e.g. the sewage or landfill gas.
The stated parameters may vary with regard to the technical and design development or innovations.
The manufacturer reserves the right to change.

Energy utilization of biogas



Work with a proven supplier of CHP units
for biogas plants.

TEDOM Biogas CHP Units

High performance range

20 kW – 2300 kW

Wide portfolio

19 biogas fueling models

Various design options

- Open module
- Sound enclosure
- Container



Selected preferences:



Biogas Plant
Suchohrdly (CZ)



Biogas Plant
React Yonezawa (JPN)



Biogas Plant
Lutyh (BE)



Biogas Plant
Przybroda (PL)

Benefits from biogas utilization

- Proven solution for various sources of biogas: agriculture, sewage gas, landfill gas, mine gas.
- Our Quanto series CHP units feature predominantly a high electrical efficiency of up to 43%.
- The Cento series is equipped with the engine of TEDOM's own brand which shows a long-term reliability even with a lower-quality biogas.
- We deploy the German MAN and MWM engines for the CHP units with an output over 200 kW.



TEDOM engine
with a power output ranging
from 80 to 200 kW

33+

years of
experience
with the cogeneration
production

19

CHP unit types
running on biogas
in the offer

4 800+

biogas fueling
CHP units
sold worldwide

55+

export
countries