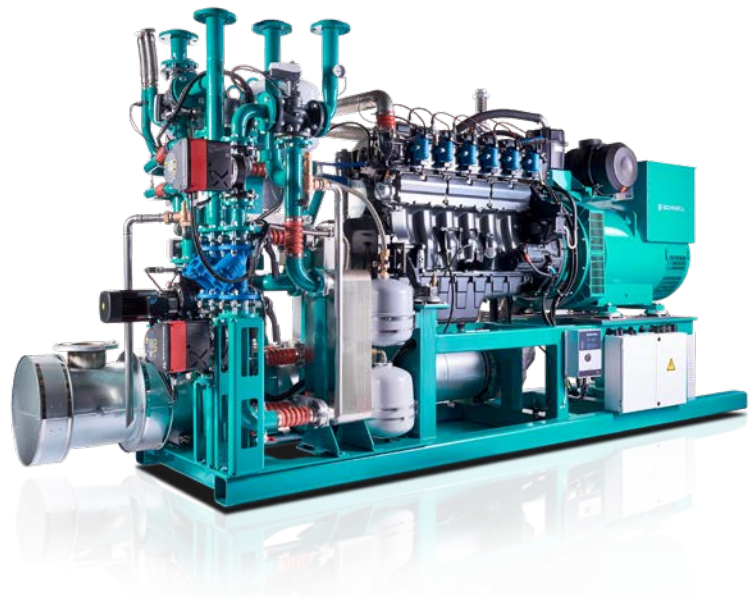


FLEXI 170 – 525 kW_{el}

Technical Data | Biogas

Powerful, highly efficient and proven thousands of times over. Over 3,000 biogas CHP units in the field. The FLEXI series based on Scania and Liebherr engines satisfies all biogas requirements and expectations. Our dedicated development department tirelessly optimizes the engine technology to keep our machines innovative and state-of-the-art at all times. Its efforts are responsible for our products' high electrical efficiency. Our solutions are always tailored and optimized for each owner operator, who can choose between a container or a powerhouse installation.

- Superior electrical efficiency
- High total system efficiency
- Innovative prechamber system
- Extensively field-tested gensets
- Customer-specific installation solutions



CHP type	Engine	Max. electrical output (kW)	Thermal output (kW) ¹	Electrical efficiency (%) ²	Thermal efficiency (%)	Overall efficiency (%)	Rated thermal output (kW)
FLEXI 180	SCANIA	170	166	41.0	40.0	81.0	415
FLEXI 265	SCANIA	250	235	42.5	40.0	82.5	588
FLEXI 265	SCANIA	265	246	43.0	40.0	83.0	616
FLEXI 350	SCANIA	350	350	42.5	42.5	85.0	824
FLEXI 500	LIEBHERR	500	501	41.3	41.4	82.7	1,211
FLEXI 525	LIEBHERR	525	526	41.3	41.4	82.7	1,271

¹ Thermal power at design temperature +/- 8%

² Efficiency at full load pursuant to ISO 3046-1

Subject to modifications | Last updated: September 2021

The data listed in this table is based on TEDOM SCHNELL's technical specifications and is purely informational in nature.