



# BIOGAS-CHP

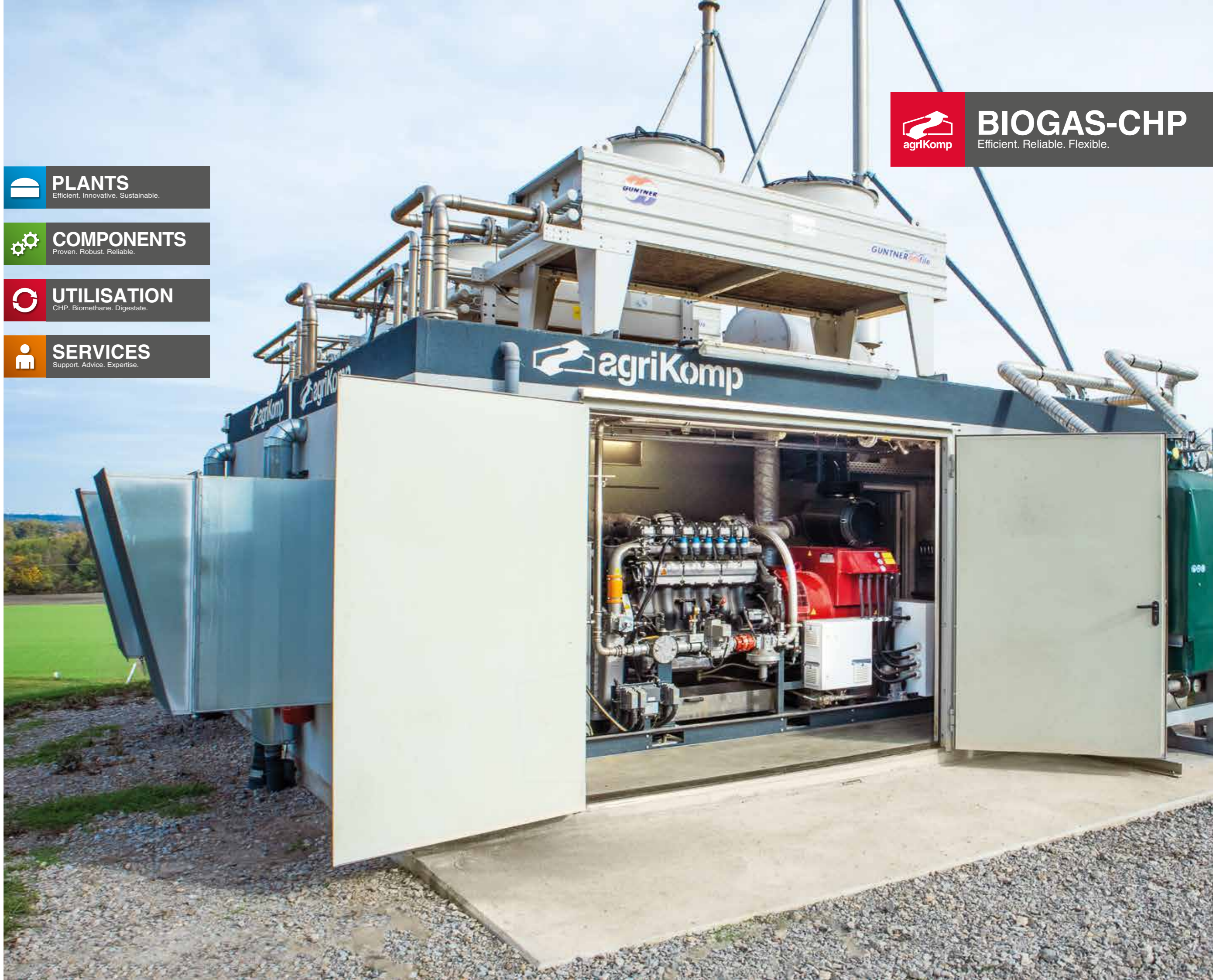
Efficient. Reliable. Flexible.

**PLANTS**  
Efficient. Innovative. Sustainable.

**COMPONENTS**  
Proven. Robust. Reliable.


**UTILISATION**  
CHP. Biomethane. Digestate.

**SERVICES**  
Support. Advice. Expertise.




agriKomp GmbH  
Energiepark 2  
91732 Merkendorf  
Germany






Phone +49 9826 65959-0  
info@agrikomp.com  
www.agrikomp.com

Member of the  
German Biogas  
Association 

aK CHP INTL  
© agriKomp 2022 02 17

**bestore**  
. Group

agriKomp GmbH:  
Certified acc.  
to ISO 9001 

Follow us on:  
    

Errors, misprints and changes are reserved. The information corresponds to the knowledge available at the time of printing. Technical changes reserved.

# CHP. Made by agriKomp.

Efficient. Reliable.  
Flexible.

## POWERFUL PERFORMANCE - HIGHEST RELIABILITY

Combined heat and power units (CHP), with their versatile applications, currently represent an economical and efficient climate protection technology. All CHP units work according to the principle of combined heat and power (CHP), a decentralised generation of electricity and heat available directly on site where it is consumed.

agriKomp offers you customised energy concepts for CHP applications. We develop optimised CHP units with modern engine technology from renowned manufacturers, such as SCANIA, in the small and medium power range.

Our CHP units are characterised by their robustness and reliability. This results in low maintenance costs that are unparalleled in the industry.

## AVAILABLE PRODUCTS

- ✔ BGA 086/55 kW<sub>el</sub> – 80 kW<sub>el</sub>
- ✔ BGA 095/100 kW<sub>el</sub> – 150 kW<sub>el</sub>
- ✔ BGA 136 ETA/150 kW<sub>el</sub> – 265 kW<sub>el</sub>
- ✔ BGA 222/300 kW<sub>el</sub> – 350 kW<sub>el</sub>
- ✔ BGA 252/490 kW<sub>el</sub> – 530 kW<sub>el</sub>
  
- ✔ agriClean gas treatment

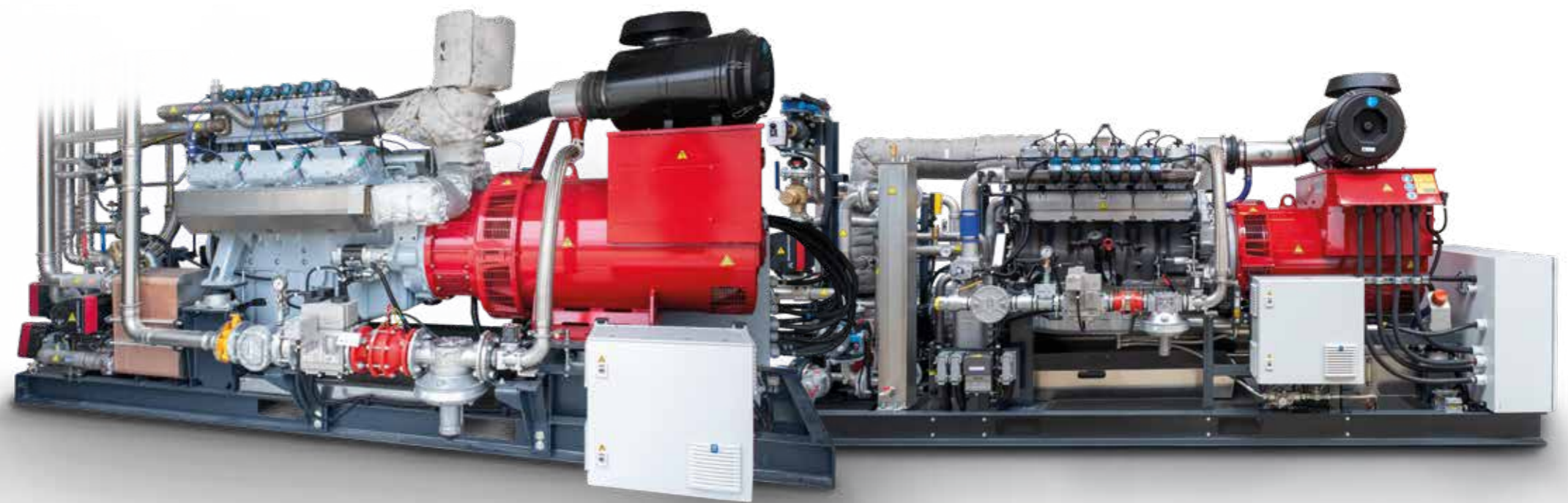
## YOUR BENEFITS AT A GLANCE

- ✔ Motors with large displacement, therefore low maintenance
- ✔ Robust and most reliable technology
- ✔ Highest availability
- ✔ Low maintenance costs
- ✔ Rapid availability of spare and wearing parts
- ✔ In-house development / construction
- ✔ Modular design / compact construction
  
- ✔ Individual CHP solutions (installation also in existing customer building)
- ✔ Completely pre-installed CHP units (container solutions)
- ✔ Optimum sound insulation
- ✔ Fast installation and operational readiness
- ✔ Widespread service network (ServiceUnion)



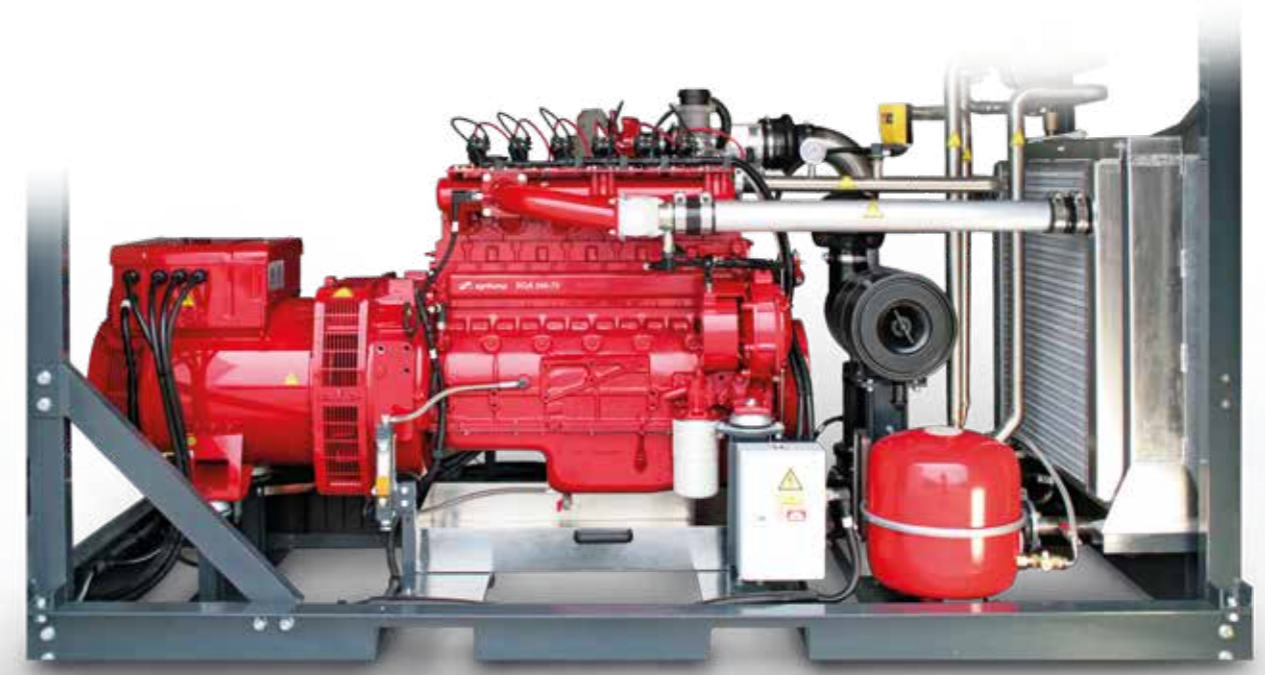
### OUR CONTAINER SOLUTIONS FOR CHPs

We offer a variety of container solutions (concrete and steel containers) that perfectly integrate into your premises.



## BGA 086

High endurance with 8 litres of displacement



### BGA 086 55 kW<sub>el</sub> – 80 kW<sub>el</sub>

The robust and reliable biogas unit series 086 (BGA 086) for the small power range has been a proven and popular agriKomp development since 2014. In the capacity class from 55 kW<sub>el</sub> up to 80 kW<sub>el</sub>, the combined heat and power unit is an ideal solution for small-scale farm-based biogas plants. Small farms benefit from a long CHP operating period, a stable running performance and a high availability of spare parts.

The BGA 086 has a modified 6-cylinder in-line engine and is optimised for the best possible performance and availability. The well-engineered in-line engine impresses with its low maintenance requirements. Thanks to its 8 litre capacity, the engine is a real endurance runner with good performance values.

The CHP unit benefits from the fact that all components are well integrated and optimised for high performance with low maintenance requirements. Sophisticated remote maintenance technology allows the engine to be monitored directly from our service centre. This ensures continuous monitoring of all sensors including temperature and pressure for exhaust gas, engine oil, cooling water and charge air. This guarantees safe operation of the CHP unit. Further safety standards are set with the smoke / gas alarm as well as an emergency stop and siren / flash alarm.

### YOUR BENEFITS AT A GLANCE

- ✓ Refined, technically mature 6-cylinder in-line engine
- ✓ 8-litre capacity in robust design
- ✓ Low maintenance requirements with outstanding availability of spare parts
- ✓ Very compact, space-saving design: All components are mounted on one rack, including the device for remote maintenance and monitoring
- ✓ Engine cooling water circuit with electric cooling water pump and directly controlled 3-way valve
- ✓ Electronic high-voltage ignition system
- ✓ Lambda control valve
- ✓ Automatic combustion mixture control
- ✓ The CHP unit complies with the low-voltage directive VDE-AR-N 4105:2018-11 or optionally with the medium-voltage directive VDE-AR-N 4110:2018-11.

### TECHNICAL DATA

GENSET / CHP TYPE <sup>1</sup> – BIOGAS 50 % CH <sub>4</sub>		TYPE 75	TYPE 80
Electrical output at cos φ = 1	kW <sub>el</sub>	75	80
Generator Leroy type: LSA - 400V, 50 Hz, IP23		44.3 M8	44.3 M8
Rated current at cos φ = 1	A	108	115
Electrical efficiency <sup>2,3</sup>	%	36,50	36,56
Thermal output at 140 °C exhaust temperature <sup>4</sup>	kW <sub>th</sub>	90	94
Electric / Thermal Ratio at 140 °C	el/ <sub>th</sub>	0,83	0,85
<b>LEAN-BURN TURBOCHARGED BIOGAS MOTOR<sup>7</sup></b>			
Construction type		6R 111 x 139	6R 111 x 139
Displacement	Ltr.	8,07	8,07
Rated thermal input <sup>2,3</sup> – 100 % load	kW <sub>el</sub>	205	219
Gas consumption at 50 % CH <sub>4</sub> <sup>2,3</sup>	Nm <sup>3</sup> /h	41,1	43,8
Length x width x height	m	2,9 x 1,3 x 2,15	2,9 x 1,3 x 2,15

# BGA 095

## Tailored to your requirements!

BGA 095  
100 kW<sub>el</sub> – 150 kW<sub>el</sub>

Our CHP series BGA 095 is optimized for best possible performance and availability. The BGA 095 is a frequently chosen CHP unit in the smaller power range and a good addition for the expansion of a biogas plant.

The BGA 095 is equipped with the latest SCANIA 5-cylinder in-line engine DC09. The engine is based on a robust design with a strength-optimized cylinder block containing water-cooled cylinder liners that can be easily replaced. Single cylinder heads with 4 valves per cylinder promote ease of repair and efficiency.

The BGA 095 impresses with low maintenance requirements and very high availability of spare parts. All components, including the device for remote maintenance and monitoring, are mounted on a frame with minimized vibration.

### YOUR BENEFITS AT A GLANCE

- ✔ Latest, technically mature SCANIA 5-cylinder in-line engine (DC09)
- ✔ 9 liter unit in solid construction
- ✔ Low maintenance requirements with very good availability of spare parts
- ✔ All components mounted on one frame. Including the device for remote maintenance and monitoring.
- ✔ Temperature controlled speed regulation for emergency cooler and mixture cooler
- ✔ Optional: mains starter for increasing the starting speed
- ✔ Exhaust gas temperature measurement
- ✔ Interface for balancing electrical energy
- ✔ The CHP unit complies with the low-voltage directive VDE-AR-N 4105:2018-11 or optionally with the medium-voltage directive VDE-AR-N 4110:2018-11.

### TECHNICAL DATA

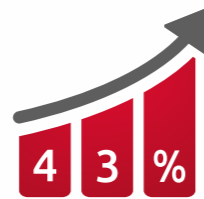
GENSET / CHP TYPE <sup>1</sup> – BIOGAS 50 % CH <sub>4</sub>		TYPE 100		TYPE 150	
Electrical output at cos φ = 1	kW <sub>el</sub>	75	100	120	150
Generator Leroy type: LSA - 400V, 50 Hz, IP23		44.3 M8		46.3 M7	
Rated current at cos φ = 1	A	108	144	173	217
Electrical efficiency <sup>2,3</sup>	%	33,1	35,9	36,2	36,6
Thermal output at 180 °C exhaust temperature <sup>4</sup>	kW <sub>th</sub>	98	120	151	174
Electric / Thermal Ratio at 180 °C	el/th	0,77	0,83	0,79	0,86

### LEAN-BURN TURBOCHARGED BIOGAS MOTOR<sup>7</sup>

Construction type		5R 130 x 140		5R 130 x 140	
Displacement	Ltr.	9,3		9,3	
Rated thermal input <sup>2,3</sup> – 100 % load	kW <sub>el</sub>	227	279	331	410
Gas consumption at 50 % CH <sub>4</sub> <sup>2,3</sup>	Nm <sup>3</sup> /h	45,3	55,7	66,3	82,0
Length x width x height	m	2,9 x 1,3 x 2,15		4,1 x 1,5 x 2,1	



**BGA 136 ETA**  
 Our all-rounder.  
 Now even more efficient!



**BGA 136 ETA**  
 150 kW<sub>el</sub> – 265 kW<sub>el</sub>

With the CHP series 136, first manufactured in 2016, we serve an essential and popular power range.

Our proven BGA 136 received an efficiency update. The new „ETA“ version with up to 43% efficiency will be available from 2022.

CHP units of the BGA 136 type are suitable for medium-sized farms and are ideal for flexible operation in double or even multiple units.

The BGA 136 series is particularly impressive due to its robust design, excellent starting behaviour and reliable, field-proven technology, which ensures excellent availability. The well-engineered in-line motor impresses with its low maintenance requirements and high availability.

**YOUR BENEFITS AT A GLANCE**

- ✓ The BGA 136 product range is based on the latest Scania DC13 engine generation
- ✓ Electrical efficiency up to 43%
- ✓ Optimized hydraulic system, especially for flexible operation
  - thereby high and stable flow temperature
  - prevents condensation of the exhaust gas in the exhaust gas heat exchanger
  - Cooling water preheating, charge air cooling in two stages
- ✓ Mains starter included as standard to increase the starting speed ensures reliable starting behaviour
- ✓ Guaranteed reliable spare parts supply
- ✓ Temperature-controlled speed regulation for emergency cooler and mixture cooler
- ✓ Exhaust gas temperature measurement
- ✓ Interface for balancing energy
- ✓ The CHP unit complies with the medium-voltage guideline VDE-AR-N 4110:2018-11

**TECHNICAL DATA**

**GENSET / CHP TYPE<sup>1</sup> – BIOGAS 50 % CH<sub>4</sub>**

Electrical output at cos φ = 1	kW <sub>el</sub>	150	200	265
Generator Leroy type: LSA - 400V, 50 Hz, IP23			47.2 S4	
Rated current at cos φ = 1	A	217	289	382
Electrical efficiency <sup>2,3</sup>	%	39,4	41,0	43,0
Thermal output at 160°C exhaust temperature <sup>4</sup>	kW <sub>th</sub>	89	102	120
Electric / Thermal Ratio at 160 °C	e <sub>l</sub> /t <sub>h</sub>	0,74	0,87	1,00

**LEAN-BURN TURBOCHARGED BIOGAS MOTOR<sup>7</sup>**

Construction type		6R 130 x 160		
Displacement	Ltr.	12,7		
Rated thermal input <sup>2,3</sup> – 100% load	kW <sub>el</sub>	381	488	616
Gas consumption at 50% CH <sub>4</sub> <sup>2,3</sup>	Nm <sup>3</sup> /h	76,1	97,6	123,3
Length x width x height	m	4,1 x 1,5 x 2,1		

# BGA 222

## Powerful. Reliable. Solid.

### BGA 222 300 kW<sub>el</sub> – 350 kW<sub>el</sub>

We introduced the large, stable and reliable 222 biogas genset series to the market in 2008.

Since then, the strong and powerful series has been appreciated by our customers and is often installed in the power class up to 350 kW<sub>el</sub>. The CHP units have established and proven themselves not only in Germany, but also internationally with large agricultural businesses. They are extremely efficient and are also extremely easy to maintain.

The BGA222 series consists of a robust 12-cylinder V-engine V-engine, which guarantees a long service life. Through ongoing development, the genset has been optimised for performance and high availability.

Advanced sensor technology makes it possible to control the temperature of each cylinder. The powerful unit impresses with its solid construction. Due to its space-saving 12-cylinder V-engine and its very high availability, it is a popular CHP unit in the medium performance range.

### YOUR BENEFITS AT A GLANCE

- ✓ Enhanced 12-cylinder V-engine
- ✓ Robust and solid construction
- ✓ Low maintenance
- ✓ Very good availability of spare parts
- ✓ Control of individual cylinder temperatures
- ✓ Charge air cooling in two stages
- ✓ The CHP unit complies with the medium-voltage guideline VDE-AR-N 4110:2018-11



### TECHNICAL DATA

GENSET / CHP TYPE <sup>1</sup> – BIOGAS 50 % CH <sub>4</sub>		TYPE 300	TYPE 350
Electrical output at cos φ = 1	kW <sub>el</sub>	300	350
Generator Leroy type: LSA - 400V, 50 Hz, IP23		47.2 M7	47.2 M7
Rated current at cos φ = 1	A	433	505
Electrical efficiency <sup>2,3</sup>	%	36,3	37,5
Thermal output at 160 °C exhaust temperature <sup>4</sup>	kW <sub>th</sub>	350	400
Electric / Thermal Ratio at 160 °C	el/th.	0,86	0,88

### LEAN-BURN TURBOCHARGED BIOGAS MOTOR<sup>7</sup>

		12V 128 x 142	12V 128 x 142
Construction type		12V 128 x 142	12V 128 x 142
Displacement	Ltr.	21,91	21,91
Rated thermal input <sup>2,3</sup> – 100 % load	kW <sub>el</sub>	826	933
Gas consumption at 50 % CH <sub>4</sub> <sup>2,3</sup>	Nm <sup>3</sup> /h	165,3	186,7
Length x width x height	m	4,1 x 1,5 x 1,9	4,1 x 1,5 x 1,9



## BGA 252

Powerful and perfect  
for flexible operation.

BGA 252



### BGA 252 - UP TO 530 kW<sub>el</sub>

The powerful unit from our portfolio impresses with its stable and robust design. Due to its space-saving MAN 12-cylinder V-engine and high availability, it is a frequently chosen CHP unit in the medium output range.

With the use of an optimised hydraulic system, which was specially designed for flexible operation, a high and stable flow temperature is achieved. This prevents condensation of the exhaust gas in the exhaust gas heat exchanger. Instead of batteries, a standardised mains starter is used in the BGA 252. This guarantees safe starting behaviour at constant speed, which is indispensable especially in flexible operation.

### YOUR BENEFITS AT A GLANCE

- ✓ 12-cylinder MAN engine (E3262 LE212)
- ✓ Robust and reliable construction
- ✓ Low maintenance, very good spare parts availability
- ✓ Optimised hydraulic system, especially for flex operation
- ✓ Mains starter for increasing the starting speed
- ✓ Interface for balancing energy
- ✓ Charge air cooling in two stages
- ✓ Exhaust gas heat exchanger with integrated electrical exhaust gas switch-over flap for bypass operation
- ✓ Temperature-controlled RPM control for emergency cooler and mixture cooler
- ✓ The CHP unit complies with the medium-voltage guideline VDE-AR-N 4110:2018-11

### TECHNICAL DATA

GENSET / CHP TYPE <sup>1</sup> - BIOGAS 60 % CH <sub>4</sub>		BGA 252
Electrical output at cos φ = 1	kW <sub>el</sub>	530
Generator Leroy type: LSA - 400V, 50 Hz, IP23		49.3 L9
Rated current at cos φ = 1	A	765
Electrical efficiency <sup>2,3</sup>	%	39,9
Thermal output at 200 °C exhaust temperature <sup>4</sup>	kW <sub>th</sub>	537
Electric / Thermal Ratio at 200 °C	el/ <sub>th</sub>	0,99
LEAN-BURN TURBOCHARGED BIOGAS MOTOR <sup>7</sup>		
Construction type		12V 132 x 157
Displacement	Ltr.	25,78
Rated thermal input <sup>2,3</sup> - 100 % load	kW <sub>el</sub>	1329
Gas consumption at 60 % CH <sub>4</sub> <sup>2,3</sup>	Nm <sup>3</sup> /h	221,5
Length x width x height	m	3,8 x 1,4 x 2,3

# Everything at a glance!

Our entire  
CHP portfolio!



TECHNICAL DATA		BGA 086		BGA 095		
GENSET / CHP TYPE <sup>1</sup> - BIOGAS 50% CH <sub>4</sub>		TYPE 80		TYPE 100		TYPE 150
Electrical output at cos φ = 1	kW <sub>el</sub>	80		75	100	150
Generator Leroy type: LSA - 400V, 50 Hz, IP23		44.3 M8		44.3 M8		46.3 M7
Rated current at cos φ = 1	A	115		108	144	217
Electrical efficiency <sup>2,3</sup>	%	36,56		33,1	35,9	36,2
Thermal output at ( ) °C exhaust temperature <sup>4</sup>	kW <sub>th</sub> (°C)	94 (140)		98 (180)	120 (180)	174 (180)
Electric / Thermal Ratio at ( ) °C	el/ th	0,85 (140)		0,77 (180)	0,83 (180)	0,79 (180)

LEAN-BURN TURBOCHARGED BIOGAS MOTOR <sup>7</sup>		6R 111 x 139		5R 130 x 140		5R 130 x 140
Construction type		6R 111 x 139		5R 130 x 140		5R 130 x 140
Displacement	Ltr.	8,07		9,3		9,3
Rated thermal input <sup>2,3</sup> – 100% load	kW <sub>el</sub>	219		227	279	410
Gas consumption at 50% CH <sub>4</sub> <sup>2,3</sup>	Nm <sup>3</sup> /h	43,8		45,3	55,7	82,0
Length x width x height	m	2,9 x 1,3 x 2,15		2,9 x 1,3 x 2,15		4,1 x 1,5 x 2,1

BGA 136 ETA			BGA 222		BGA 252
			TYPE 300		TYPE 350
			TYPE 252 (at 60% CH <sub>4</sub> )		
150			200		265
47.2 S4			47.2 M7		47.2 M7
217			289		382
39,4			41,0		43,0
89 (180)			102 (180)		120 (180)
0,74 (180)			0,87 (180)		1,00 (180)
300			350		530
47.2 M7			47.2 M7		49.3 L9
433			505		765
36,3			37,5		39,9
350 (160)			400 (160)		537 (200)
0,86 (160)			0,88 (160)		0,99 (200)
6R 130 x 160			12V 128 x 142		12V 128 x 142
12,7			21,91		21,91
381			488		616
76,1			97,6		123,3
4,1 x 1,5 x 2,1			4,1 x 1,5 x 1,9		3,8 x 1,4 x 2,3
826			933		1329
165,3			186,7		221,5 (at 60% CH <sub>4</sub> )

1 Type designation: BGA = BioGasAggregate (=CHP); „xyz“ = „xy“ l. displacement and „z“ cylinders.  
 2 Electrical power / Efficiency based on ISO standard power at standard reference conditions according to ISO 3046-1: 2002-05 with corresponding tolerance.  
 3 Acc. to FIG. ISO 3046-1: 2002-05, min LHV (Lower heating value): 5,0 kWh/m<sup>3</sup> N = 50% CH<sub>4</sub>. (Except BGA252: 6,0 kWh/m<sup>3</sup> N = 60% CH<sub>4</sub>)  
 4 Tolerance thermal power: +/- 8%  
 5 Permissible oil consumption calculated on an interval of 500 operating hours at rated capacity: +/- 20%  
 7 Emissions according to manufacturers declaration No.1100040 (DE, EN)



# agriClean 150 - 600 Gas Pre-treatment.

## HIGHEST EFFICIENCY - MAXIMUM CLEANING

The agriClean product range has the function of treating the gas produced in a biogas plant for utilisation in a CHP unit. The gas treatment can be used for the combustion gases biogas, sewage gas and landfill gas. It is designed for outdoor operation, for continuous operation and, with constant flow, also frost-proof.

agriClean 150, 300, 600:  
Complete system in modular design for outdoor installation, consists of:

### Cooling module

Cooling of the biogas by separation of condensate

- ✔ Cooling by cold water generator incl. cooler, storage tank and safety group.
- ✔ With droplet separator (demister)

### Pressure boosting and control module

Pressure boosting to the required operating pressure for CHP, control and regulating system

- ✔ Side channel compressor energy-saving controlled by frequency converter (explosion-proof)
- ✔ Temperature and pressure displays
- ✔ Pressure switch for over- and underpressure safety shutdown
- ✔ Switch cabinet for control of the system

### Desulphurisation module

Removal of sulphur compounds and dust particles

- ✔ Activated carbon container made of stainless steel
- ✔ Including heating register for gas preheating
- ✔ Insulated with diffusion-proof, UV-resistant thermal insulation



## TECHNICAL DATA

TYPE:	---	AC 120	AC 150	AC 300	AC 600	
Biogas throughput with cooling from/to	35/20 °C:	Nm³/h	120	150	330	670
	45/20 °C:	Nm³/h	80	104	199	458
ATEX compressor	---	II3G Ex-nA IIT3	II3G Ex-nA IIT3	II3G Ex-nA IIT3	II3G Ex-nA IIT3	
Cooling capacity chiller*	kW	4	8	13	28	
Energy supply cooling	V/Ph/Hz	230 / 1~ / 50	400 / 3~ / 50	400 / 3~ / 50	400 / 3~ / 50	
Max. pressure increase with throughput	mbar	50	150	150	150	
Compressor motor capacity*	kW	0,75	3,0	5,5	11,0	
Activated carbon filter type	---	300	750-2	750-2	2 x 900-3 parallel	
Bulk volume ACF	Ltr.	95	520	520	2 x 1.075	
Dimensions (L x W x H)	m	0,5 x 1 x 1,5	6 x 1,5 x 2,5	8 x 1,5 x 2,5	10 x 2 x 3	
System weight (not filled)	kg	150	1.100	1.500	2.000	

\* Manufacturer's specifications



## CHP-Services

### Retrofit options for efficiency boost.



#### UPGRADE TO SCANIA DC13 ETA WITH OUR RETROFIT- & PERFORMANCE KITS

Efficiency and reliability with our retrofit package for all aged SCANIA DC12 and Doosan V8 engines. The retrofit package is available for aged dual fuel and BlueRail engines.

„ETA“ stands for a SCANIA DC13 engine that has been further developed by agriKomp and makes no compromises when it comes to efficiency. In cooperation with ServiceUnion, several packages have been developed on SCANIA DC13 ETA.

In addition to complete conversion sets and exchange engines for various units, we also offer you individual performance sets in order to be able to realise the higher efficiency even with engines that have already been converted to a DC13 gas engine.

Switch to modern Gas-Otto-technology (SCANIA DC13) Increase efficiency Reduce maintenance costs Planned replacement avoiding unnecessary downtime Maximum security through 2-year manufacturer's warranty on DC13 motor block incl. cylinder heads, turbocharger and material for maintenance work.

- ✓ Higher efficiency (up to 43%) with the same operating safety
- ✓ Longer service life with less stress on the components
- ✓ Change to modern emission-optimised Gas-Otto-Technology
- ✓ Reduce maintenance and feedstock costs
- ✓ Combustion optimised through improved piston geometry
- ✓ Lower exhaust gas temperature
- ✓ Planned replacement avoiding unnecessary downtime
- ✓ Maximum security through 2-year manufacturer's warranty on DC13 motor block incl. cylinder heads, turbocharger and material for maintenance work

## Maintenance & spare parts

### Reliable. Experienced. By your side.

SERVICE

#### NO<sub>x</sub>LOG – NO<sub>x</sub>-SURVEILLANCE SYSTEM

- ✓ Measurement and storage of NO<sub>x</sub> emissions from up to 6 CHP units
- ✓ Manufacturer-independent surveillance system
- ✓ Integration of existing NO<sub>x</sub> sensors possible
- ✓ Alerts in case of operationally relevant malfunctions or exceeding of critical values
- ✓ Simple operation via PC, tablet or mobile phone
- ✓ Quick and simple installation

#### SCR-SYSTEM – TO COMPLY WITH NO<sub>x</sub> EMISSIONS

- ✓ Compliance with all limits as required by the authorities in some countries
- ✓ Recording of the effective operation of the plant
- ✓ Environmentally friendly operation of the plant
- ✓ Oxidation catalyst integrated
- ✓ Higher efficiencies possible due to stricter reduction of NO<sub>x</sub> emissions
- ✓ Connection to aKCockpit possible
- ✓ Touch panel for on-site visualisation and connection to the aKCockpit

#### CHP-SERVICE: THE PRECONDITION FOR EFFICIENCY!

With many service specialists, we are available to our customers for maintenance and servicing of their CHP on seven days of the week. Above all, technical on-call service at weekends and on public holidays is a matter of course for us and our service partners.

Comprehensive advice by telephone and in person ensures the operational availability of your CHP – unnecessary downtimes in the generation of heat and electricity are thus avoided.

For our qualified employees with many years of know-how, your CHP unit is the focus of their daily business. Our sophisticated remote maintenance system also enables constant monitoring and evaluation of your CHP - regardless of how many kilometres are in between.

High flexibility and quick reaction in case of emergency – for us more than a promise!

#### OUR SERVICES - AN END-TO-END CAREFREE PACKAGE!

If you want to be on the safe side, you can add a full maintenance contract to your CHP unit. Our CHP full maintenance contract guarantees you maximum investment protection and a high technical availability of 95 % of the CHP's annual hours as well as clearly calculable maintenance costs.

Rely on our service experts for CHP units with dual fuel or gas engines. We currently support over 2.000 CHP units and are constantly expanding our service to be close to our customers. In the area of CHP repowering and expansion, our specialists will also be happy to provide you with advice and assistance in order to unlock the potential of your biogas plant.



#### MORE CONTROL COMPONENTS

##### Energiepilot:

The energy pilot is used for data exchange and for the control of the feed-in power. It controls the CHP, connects and coordinates energy production with the virtual power plant of the direct energy provider.

##### aKCockpit:

You have full control over the complete plant with the aKCockpit app. It was recently awarded the INNOVSPACE 2021 in France.

