

## Additional product portfolio



### Container CHPs

- Highly efficient 150 – 2,000 kWel
- Advanced, ready-to-operate container modules
- Integrated flare and compressor solutions



### Gas technology

- High-temperature flare stations, emergency flare stations
- Compressor stations 50-5,000 m<sup>3</sup>/h
- Gas drying stations
- Gas treatment



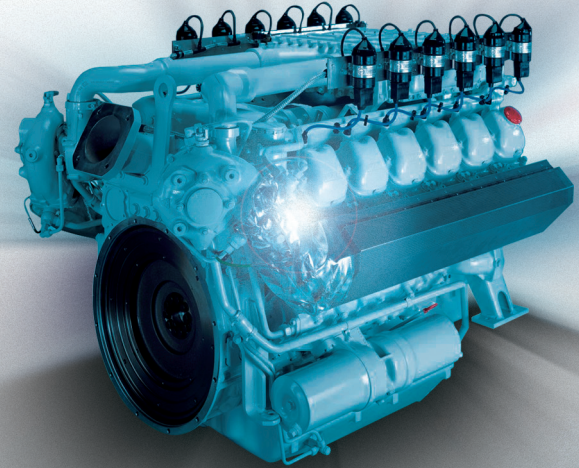
### Bonus40

- Gas and exhaust gas purification system for reducing formaldehyde emissions
- Gas ultrapurification using activated carbon
- Exhaust gas purification using catalysts

Pro2 is your premium system partner for decentralised energy technology and bioenergy. Pro2 technologies for power and heat generation are among the most advanced in the industry internationally. In addition to this technology, Pro2 also offers a Premium Service characterised by high-performance solutions and expertise in maintaining and monitoring your plant.

Pro2 plants supply people and machines throughout the world with energy – from global power companies to municipal administrations, agriculturists and industrial companies.

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## Pro2 co-generation power plants

- Biogas
- Landfill gas
- Natural gas
- Sewage gas
- Mine gas



Pro2's state-of-the-art technologies take advantage of the fermentation process in organic raw materials and waste products to generate energy using a fuel that is both economical and environmentally friendly.

## Biogas/sewage gas

ENGINE	OUTPUT			EFFICIENCY		
Type	kW el.	kW therm.	kW primary	% electr.	% therm.	% total
BIEM104	104	127	271	38,4	46,9	85,3
BIEM191	191	216	492	38,9	43,9	82,8
BIEM252	252	291	650	38,8	44,8	83,6
BIEM365	365	426	936	39,0	45,5	84,5

Data for biogas/sewage gas refer to:  
60 vol % CH<sub>4</sub> and 40 vol % CO<sub>2</sub>



Landfill gas is formed in landfill sites. This gas is either disposed of in an eco-friendly manner in Pro2 degassing stations and with high-temperature flares or it is used to generate heat and electricity in Pro2 complete plants.

## Landfill gas

ENGINE	OUTPUT			EFFICIENCY		
Type	kW el.	kW therm.	kW primary	% electr.	% therm.	% total
LC0836	104	127	271	38,4	46,9	85,3
LC2876	191	216	492	38,9	43,9	82,8
LC2848	252	291	650	38,8	44,8	83,6
LC2842	365	426	936	39,0	45,5	84,5

Data for landfill gas refer to:  
60 vol % CH<sub>4</sub> and 40 vol % CO<sub>2</sub>



Pro2 CHP plants ensure high overall efficiency and guarantee profitable power generation.

## Natural gas/mine gas

ENGINE	OUTPUT			EFFICIENCY		
Type	kW el.	kW therm.	kW primary	% electr.	% therm.	% total
NM0836	104	138	282	36,9	48,9	85,8
NM2876	200	263	535	37,4	49,2	86,6
NM2848	252	321	674	37,4	47,6	85,0
NM2842	405	513	1043	38,8	49,2	88,0

Data for natural gas/mine gas refer to:  
Methane number MN > 80