

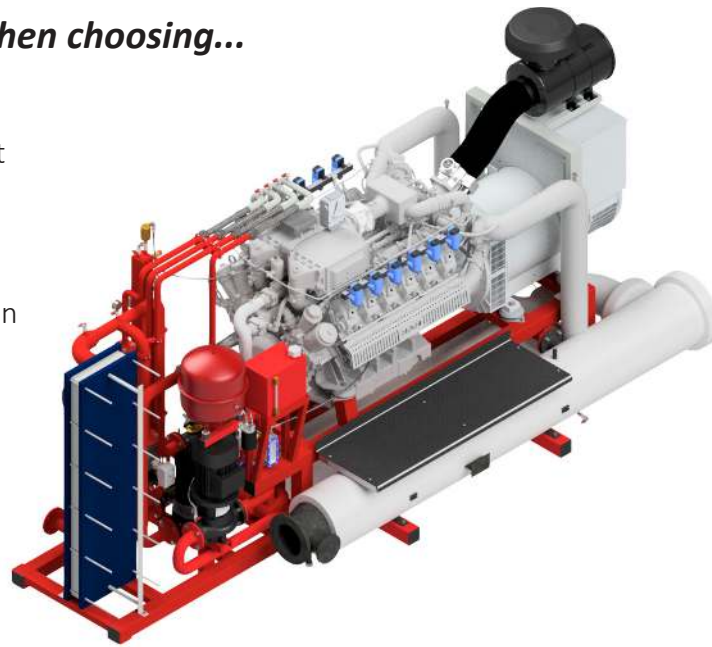
SUSTAINABLE ENERGY

NISSEN POWER MODULE COMBINED HEAT & POWER

*High-efficient and reliable gas engines
for CHP plants*

What to consider when choosing...

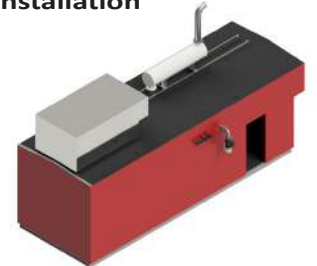
- Sizing the CHP
- Need for gas treatment
- Installation conditions
- Economics
- Supplier/partnering
- Detailing the installation
- Heat demand
- Emission requirements



Sound enclosure for indoor installation



Plug & Play container installation



NISSEN PRODUCT OVERVIEW

Type	Engine	Output		Efficiency		
		Electrical	Thermal	Electrical	Thermal	Total
	Applicable for biogas 50Hz					
NPM64B50	MAN E0834 LE302	64 kW	87 kW	35,9%	48,6%	84,5%
NPM76B50	MAN E0834 LE322	76 kW	94 kW	36,0%	44,8%	80,8%
NPM105B50	MAN E0836 LE302	105 kW	125 kW	37,4%	44,6%	82,0%
NPM210B50	MAN E2676 LE212	210 kW	213 kW	39,6%	40,1%	79,7%
MPM308B50	MAN E3268 LE262	308 kW	326 kW	40,3%	42,7%	83,0%
NPM357B50	MAN E3268 LE222	357 kW	373 kW	40,1%	42,1%	82,3%
NPM434B50	MAN E3262 LE242	434 kW	475 kW	39,7%	43,4%	83,0%
NPM530B50	MAN E3262 LE212	530 kW	544 kW	40,2%	41,2%	81,4%
NPM776B50	MTU 8V4000	776 kW	711 kW	43,0%	39,4%	82,3%
NPM1169B50	MTU 12V4000	1169 kW	1059 kW	43,0%	39,0%	82,0%
NPM1560B50	MTU 16V4000	1560 kW	1303 kW	43,1%	36,0%	79,1%
NPM1950B50	MTU 20V4000	1950 kW	1607 kW	43,4%	35,8%	79,2%



Design

Project
management

Production

Installation

Commissioning

Maintenance

- Customized CHP-solutions
- Effective utilization of Gas to Energy
- Reliable, long lasting quality CHP-products
- Fast service response 24/7/365
- Proven competitive Cost of Ownership
- Energy solutions beyond your expectations
- Service-friendly design

About us

...

We help create a cleaner world for future generations.

We do this by installing biogas fueled cogeneration systems that turn biogas from waste water sludge into energy.

We have achieved turning typically high energy consuming waste water treatment plants into energy producing plants, exceeding the plants power demand by 150 %

- if also considering the heat produced, we exceed 200% self-sufficiency.

We have obtained our experience from more than 30 years in a highly-regulated Danish market, and by working closely together with our customers in their desire to leave a greener footprint and at the same time reduce operating costs.

Choose our products and add our consultancy.

You'll be on the path to become energy neutral.



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