

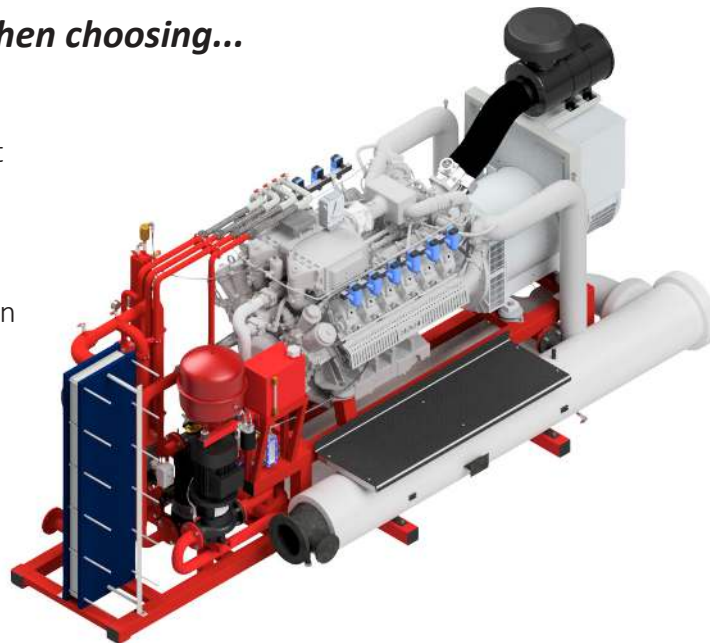
SUSTAINABLE ENERGY

NISSEN POWER MODULE COMBINED HEAT & POWER

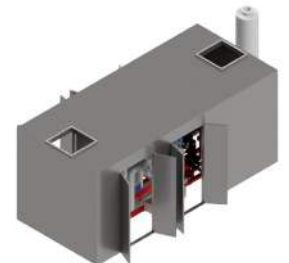
*High-efficient and reliable gas engines
for CHP plants*

What to consider when choosing...

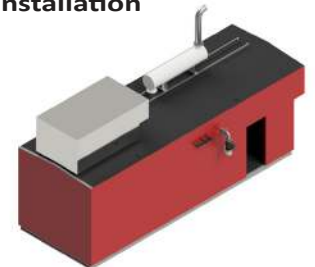
- Sizing the CHP
- Need for gas treatment
- Installation conditions
- Economics
- Supplier/partnering
- Detailing the installation
- Heat demand
- Emission requirements



Sound enclosure for indoor installation

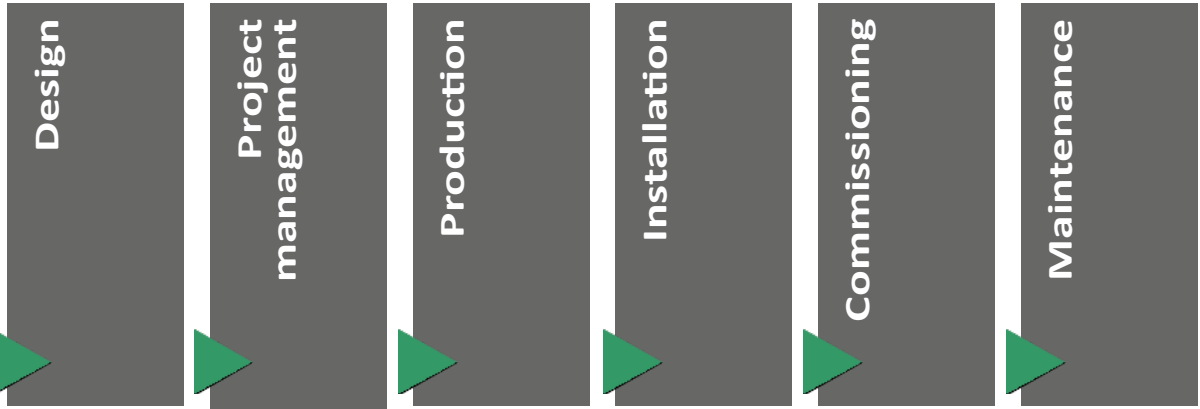


Plug & Play container installation



NISSEN PRODUCT OVERVIEW

Type	Engine	Output		Efficiency			
		Applicable for biogas 50Hz	Electrical	Thermal	Electrical	Thermal	Total
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%
NPM125B50	MAN E2876 TE302		125 kW	167 kW	36,3%	48,7%	85,0%
NPM190B50	MAN E2876 LE302		191 kW	219 kW	38,6%	44,2%	82,8%
NPM210B50	MAN E2876 LE202		210 kW	221 kW	38,5%	40,6%	79,1%
MPM308B50	MAN E3268 LE262		308 kW	326 kW	40,3%	42,7%	83,0%
NPM357B50	MAN E3268 LE222		357 kW	373 kW	40,2%	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%
NPM708B50	MAN E3872 LE201		708 kW	662 kW	42,4%	39,6%	82,0%
NPM1012B50	MTU 8V4000		1012 kW	1145 kW	42,3%	47,8%	90,1%
NPM1521B50	MTU 12V4000		1521 kW	1654 kW	43,2%	47,0%	90,2%
NPM2028B50	MTU 16V4000		2028 kW	2266 kW	42,7%	47,7%	90,4%
NPM2535B50	MTU 20V4000		2535 kW	2830 kW	42,6%	47,6%	90,2%



- 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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