

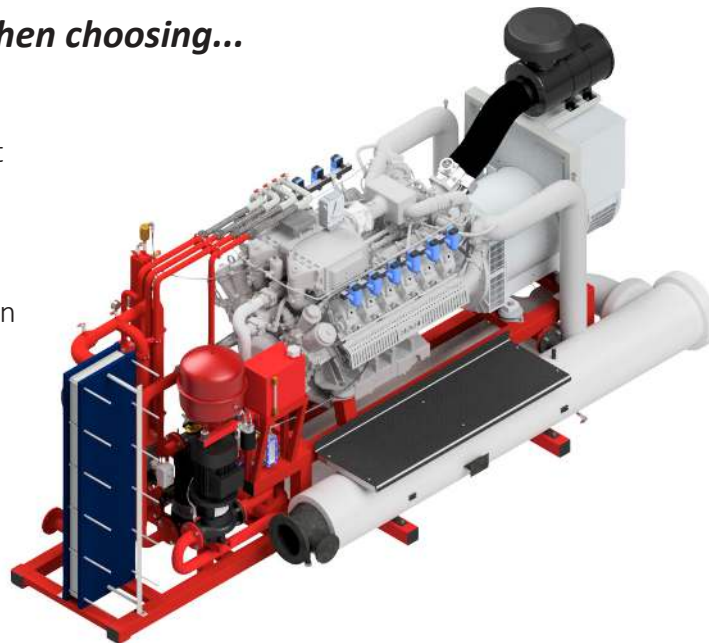
SUSTAINABLE ENERGY

# NISSEN POWER MODULE COMBINED HEAT & POWER

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

**What to consider when choosing...**

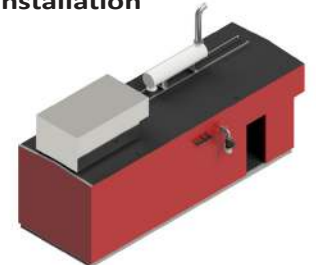
- Sizing the CHP
- Need for gas treatment
- Installation conditions
- Economics
- Supplier/partnering
- Detailing the installation
- Heat demand
- Emission requirements



Sound enclosure for indoor installation

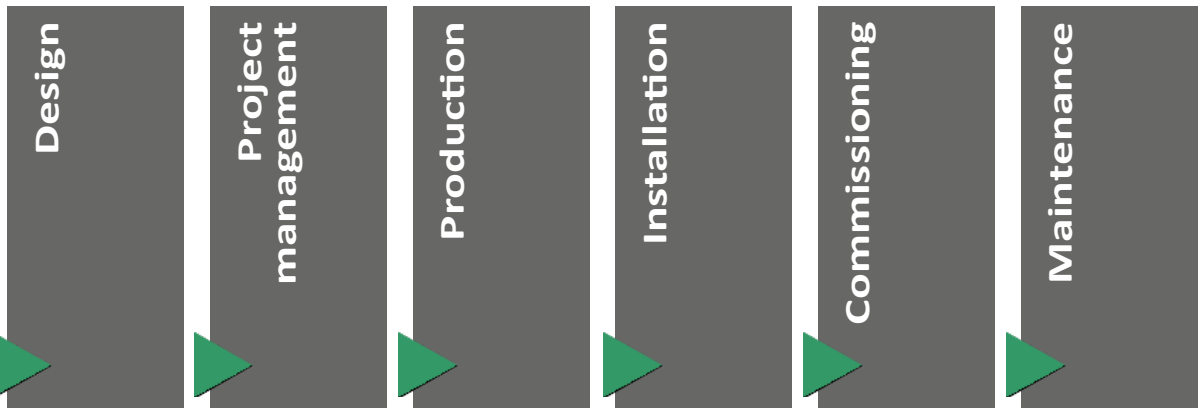


Plug & Play container installation



## NISSEN PRODUCT OVERVIEW

Type	Engine	Output		Efficiency			
		Applicable for biogas 60Hz	Electrical	Thermal	Electrical	Thermal	Total
NPM64B60	MAN E0834 LE302		64 kW	90 kW	34,9%	49,2%	84,1%
NPM75B60	MAN E0834 LE322		76 kW	95 kW	35,7%	44,8%	80,5%
NPM104B60	MAN E0836 LE302		104 kW	134 kW	36,0%	46,2%	82,2%
NPM123B60	MAN E2876 TE302		123 kW	181 kW	34,8%	51,0%	85,7%
NPM190B60	MAN E2876 LE302		191 kW	264 kW	36,7%	50,8%	87,5%
MPM326B60	MAN E3268 LE262		326 kW	360 kW	38,6%	42,5%	81,0%
NPM375B60	MAN E3268 LE222		375 kW	426 kW	38,6%	43,8%	82,3%
NPM434B60	MAN E3262 LE242		434 kW	516 kW	37,2%	44,3%	84,6%
NPM560B60	MAN E3262 LE212		560 kW	627 kW	38,6%	43,2%	81,8%
NPM810B60	MAN E3872 LE201		810 kW	816 kW	40,1%	45,1%	85,2%
NPM997B60	MTU 8V4000		997 kW	1155 kW	42,4%	47,3%	90,2%
NPM1507B60	MTU 12V4000		1507 kW	1667 kW	41,7%	48,3%	90,0%
NPM2015B60	MTU 16V4000		2015 kW	2278 kW	42,8%	47,3%	90,1%
NPM2520B60	MTU 20V4000		2520 kW	2844 kW	42,4%	47,9%	90,3%



- 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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