

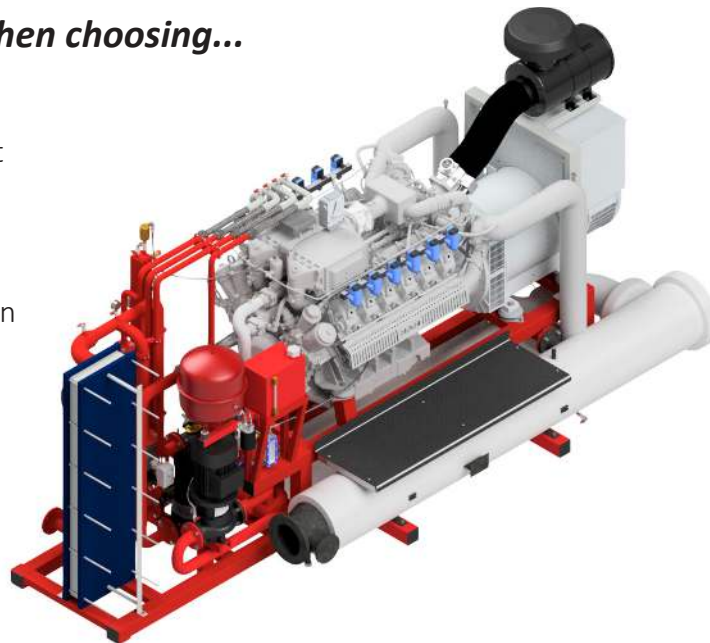
SUSTAINABLE ENERGY

# NISSEN POWER MODULE COMBINED HEAT & POWER

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

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

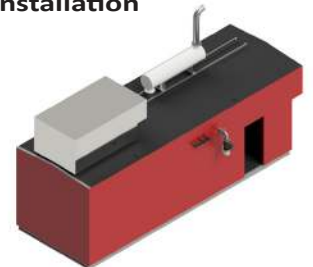
- Sizing the CHP
- Need for gas treatment
- Installation conditions
- Economics
- Supplier/partnering
- Detailing the installation
- Heat demand
- Emission requirements



**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	75 kW	95 kW	35,7%	44,8%	80,5%
NPM104B60	MAN E0836 LE302	104 kW	134 kW	36,0%	46,2%	82,2%
NPM190B60	MAN E2876 LE302	190 kW	264 kW	36,7%	50,8%	82,2%
NPM326B60	MAN E3268 LE262	326 kW	360 kW	38,5%	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%
NPM762B60	MTU 8V4000	762 kW	715 kW	41,8%	39,2%	80,9%
NPM1151B60	MTU 12V4000	1151kW	1076 kW	42,0%	39,2%	81,2%
NPM1550B60	MTU 16V4000	1550 kW	1312 kW	42,4%	35,9%	78,3%
NPM1936B60	MTU 20V4000	1936 kW	1647kW	42,7%	36,3%	78,9%



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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