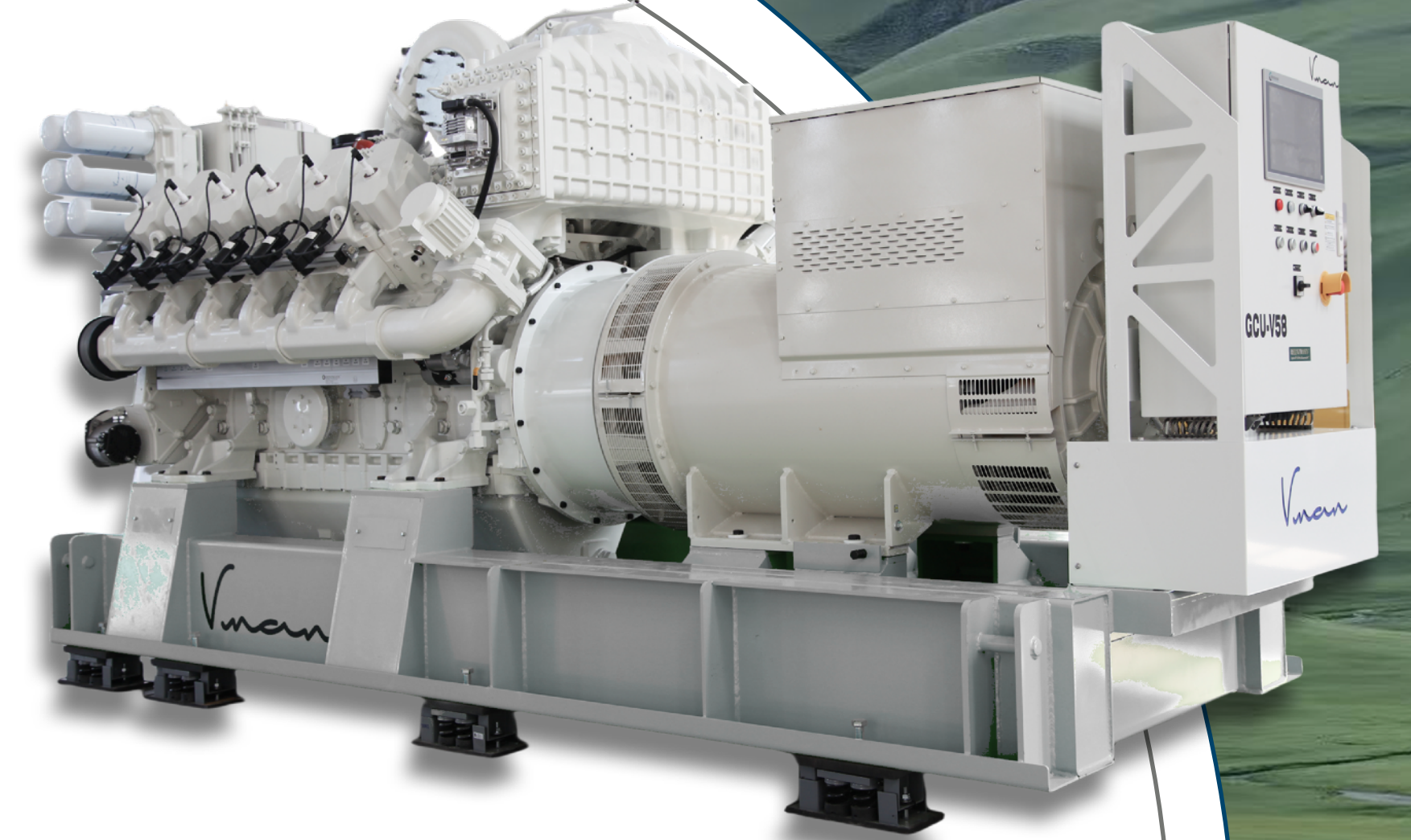


# VMAN ENGINE

Gas Engine Presentation



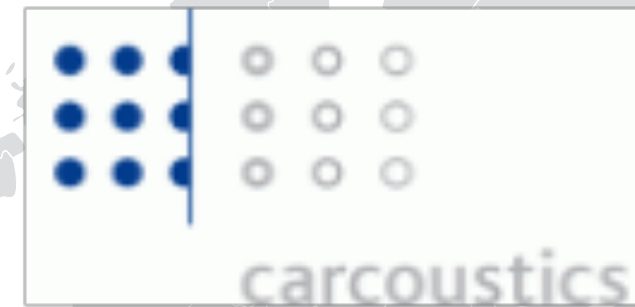
VMAN Industrial-Grade Power Generation Solutions

2026 APR

**VMAN** is a Sino-US joint venture, Part of the DARE Group, exchange stock listing 300473.

**The company** initially imported European technology, through continuous overseas study (18 years) and localization of parts assembly (CKD) for imported machines (CBU), VMAN has built a skilled and cohesive team and Established our own brand (VMAN).

# DARE GROUP



No.	Industry layout	Range of industries
1	Michigan, USA	Research and development center
2	Shanghai, China	Engine
3	Leverkusen, Germany	Acoustic and thermodynamic solution
4	Fuxin, China	Auto parts & Motor control
5	Shenzhen, China	Automotive electronics.

**PUAN** - Import "Truck engine "Technology but signed agreement can't do G-Drive engine business

**VMAN** - Update Engine technology from "Truck engine to G-Drive engine.

# Who are VMAN

# About us

**IMPORTING TECHNOLOGY & INTERPRETATION**

Technical Development

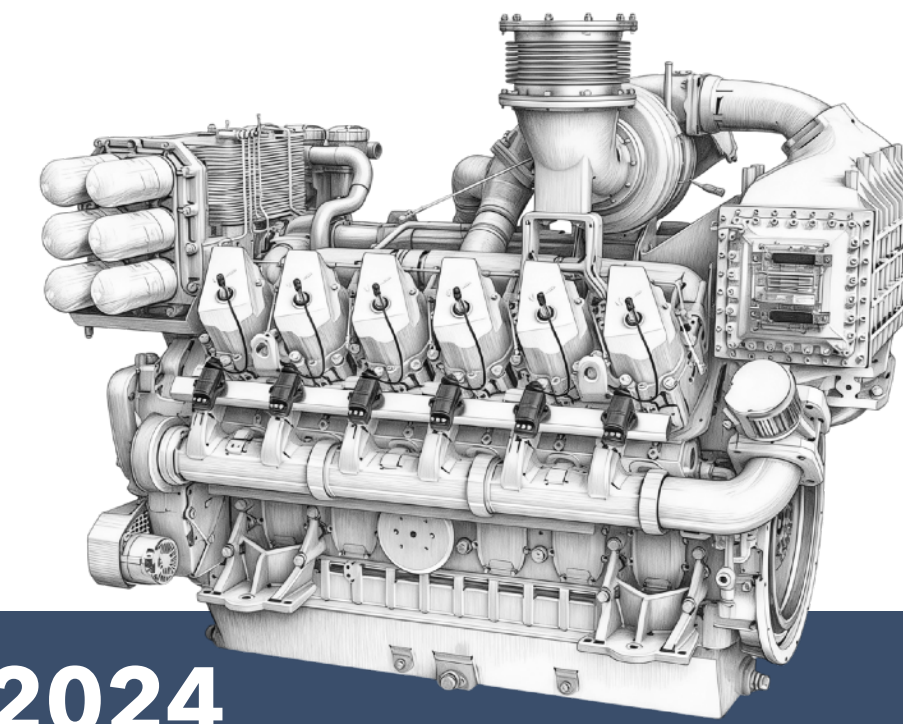
**LEARNING & TRAINING**

• 5 times staff training abroad



**START INTERNATIONAL BUSINESS**

Launched upgraded R&D for the DT Series gas Engine. Models DT15/22/30 deployed in Poland to commence a 64,000-hour full lifecycle test.



**IMPROVEMENT AND NEW PRODUCTS**

Launch of DE58 and DT58 series engine. Expanding power range to 2,222 kW for diesel engines, and 1,350kW for gas engines.

**INNOVATION IN METHANOL ENGINES**

As the world increasingly focuses on the development of sustainable energy, VMAN has launched environmentally friendly engines fueled by methanol. Combine stable combustion with clean energy output, providing global clients with a reliable pathway to lower carbon emissions.

**2007**

**2016**

**2024**

**2009**

**2019**

NEW FACTORY FOR D SERIES ENGINE

**2020**

**From 2025**

**40+**

Countries/Regions  
Clients Approved

**CKD & CBU DIESEL ENGINES**

**BUILD NEW FACTORY IN SHANGHAI**

Realize home manufacture and finish all series of V6 V8 V12 V16 engine and get excellent feedback from customers

**MANUFACTORY LINE USE ADVANCED METHODS**

Including auto-delivery, rotary carriers, cylinder press fitting and front-rear oil seal press fitting, etc.

To further control production and quality.

**EXPAND ASIAN MARKET**

VMAN Engine Singapore Pt, Ltd set up.

Technical training and service support for the global market.

**FURTHER EXPAND THE PRODUCT RANGE**

New C&CE series Engines and put to the market. Extend full power range from 62kW to 1,100kW.

**MORE CHOICES OF ENGINES**

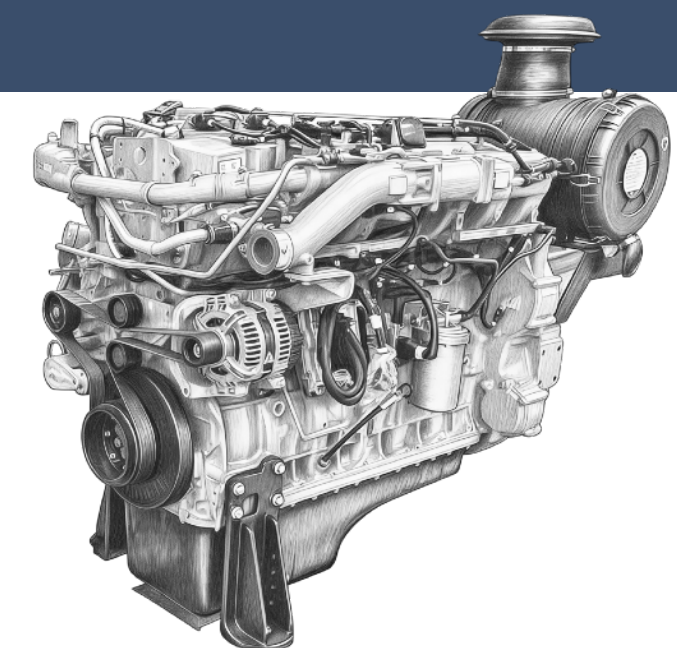
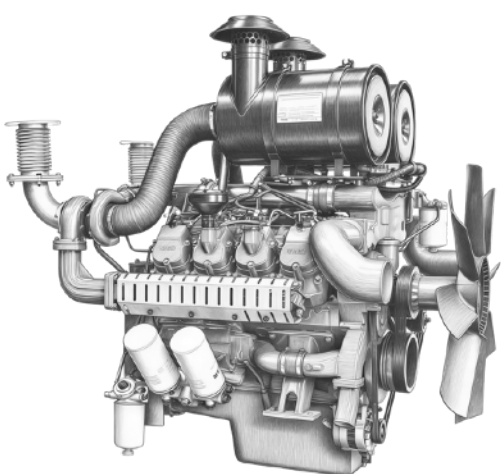
VMAN enhances its alternative fuel engine lineup.

The new DT Series gas engines—DT15, DT22, and DT30+

—deliver an expanded power spectrum, enabling tailored solutions for a wider array of customer applications.

**METHANOL ENGINES - 100-280KWE**

HMM06F and HMM13F Series



# Our Location



- **Head Office** : Shanghai ( In charge of the sales of global market)
- **SG VMAN** : In charge of the Asian Market
- **Changzhou Factory** : Engine Manufactory  
200,000 m2, Capacity 30000 high power diesel engine per year
- **Anhui Factory** : CE series Factory

Manufactory line use advanced methods including auto-delivery, rotary carriers, cylinder press fitting and front-rear oil seal press fitting, etc. to further control production and quality.



Use ESTIC technology on all key bolts, focus on parts assembly and debug to prevent the leak of gas, water and oil, we inspect all the engines with leak test.



ChangZhou II Factory



VMAN Engine I Presentation

# New R&D Base

VMAN New R&D base for high-power gas engines - Zhejiang; China

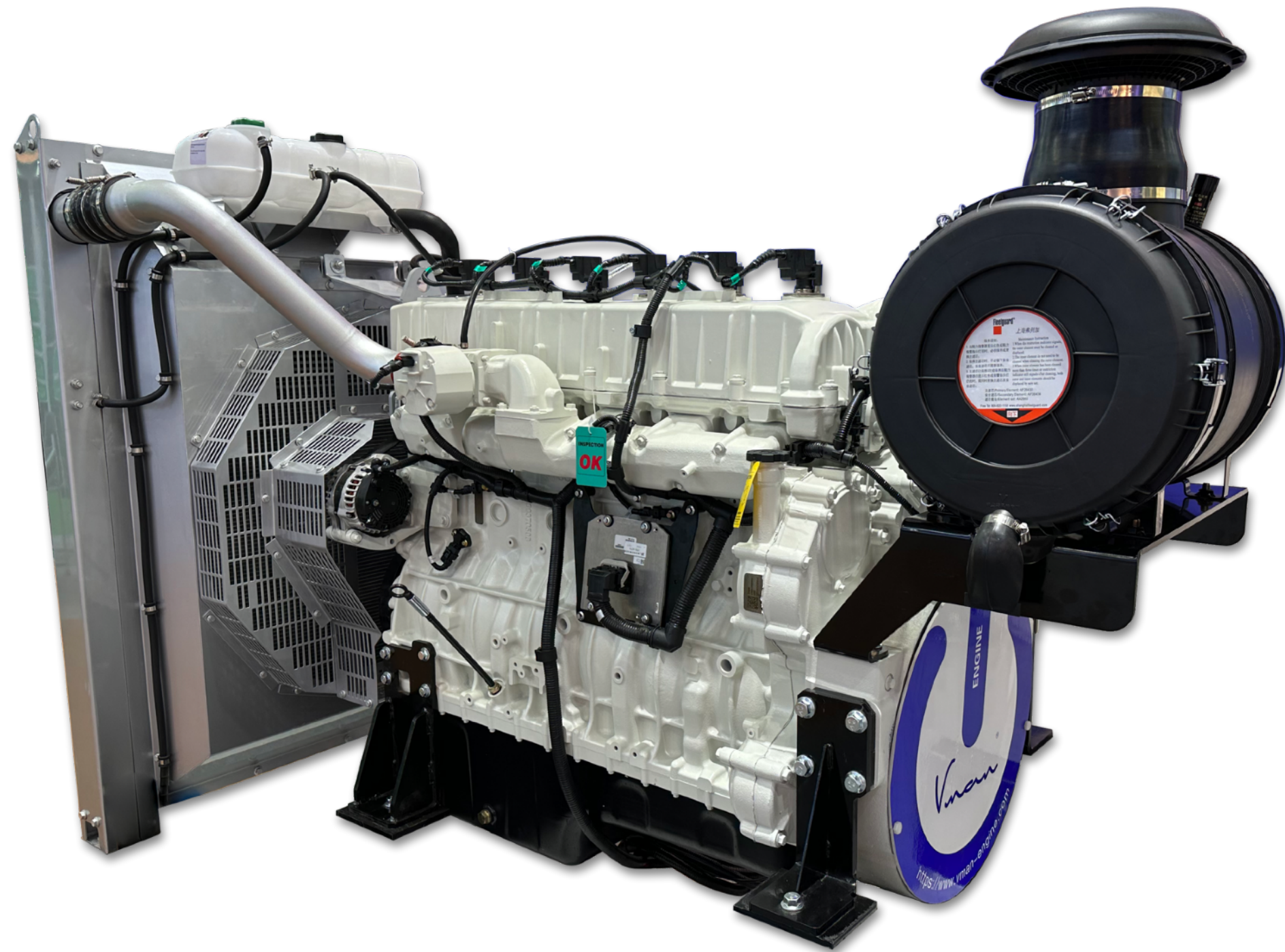
- Gas Engine
- Gas Generator Set
- Power Solution

With cutting-edge engineering, rigorous testing, and a commitment to clean, efficient energy, VMAN delivers reliable power for industrial, commercial, and utility applications worldwide.

VMAN - Where China's innovation meets global energy demands.



# Our Location



New product line in MAANSHAN

For CE Series Engine

Fully automatic product line, all advice import from Europe.

Engine Technology

The engine design, component development, complete test validation came from **AVL**.

**AVL** is a famous engine technology consulting company in the world, headquartered in Austria.





## CLOUD TECHNOLOGY

You can download drawings and technology files from our website < Support Area >



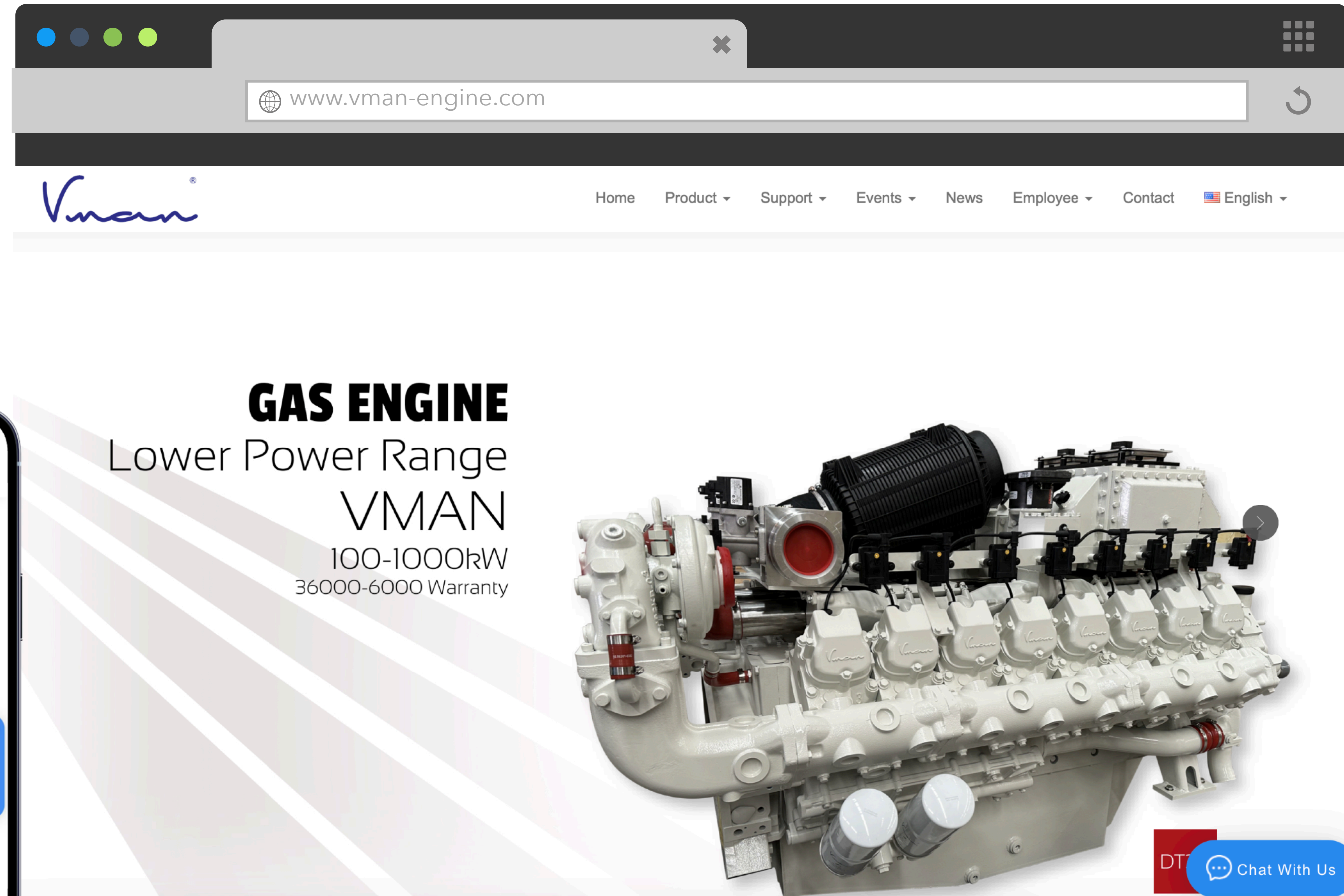
## SUPER FAST SERVICES

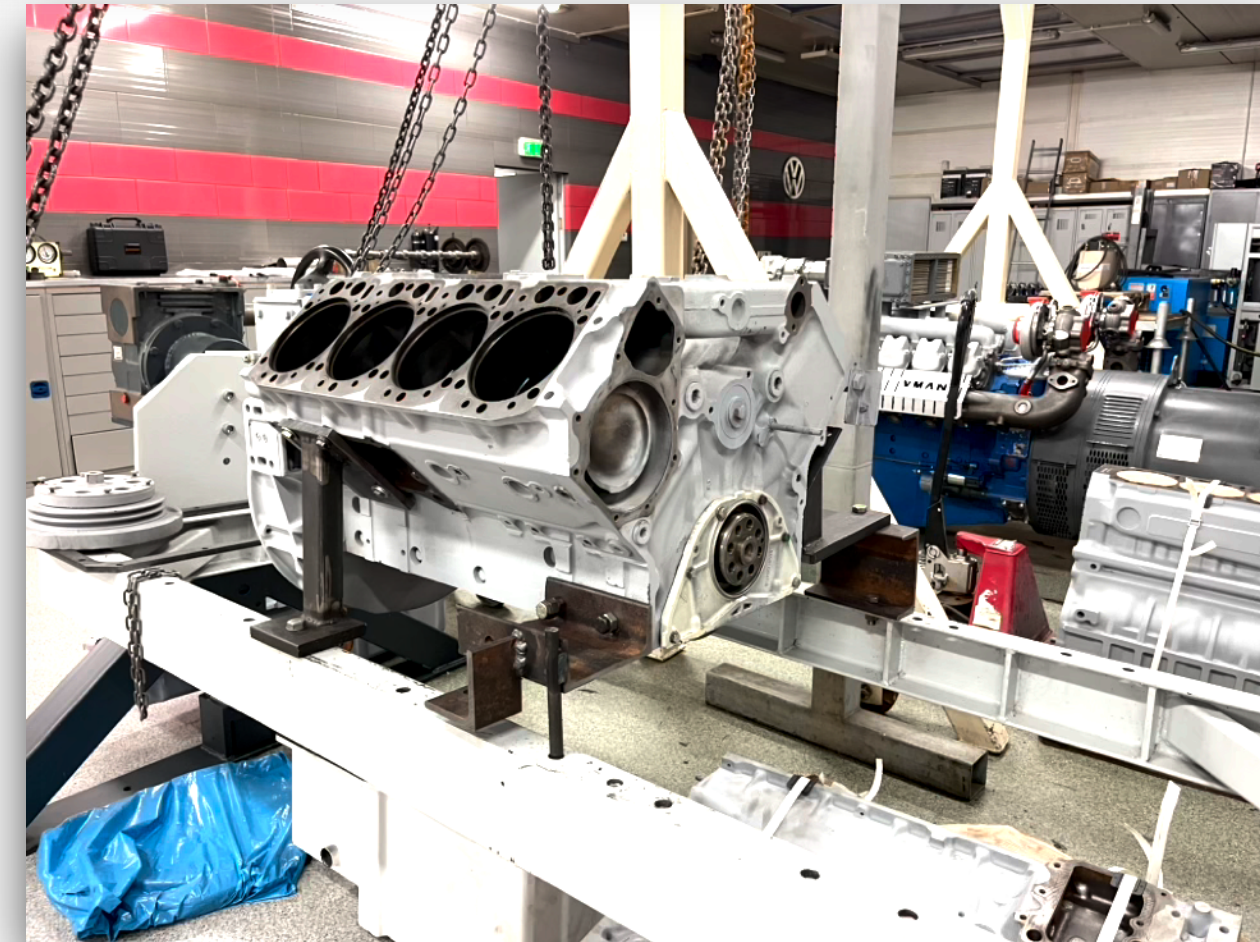
We add windows < Chat with us > , you can get touch with us easily



## SHOW MORE ABOUT US

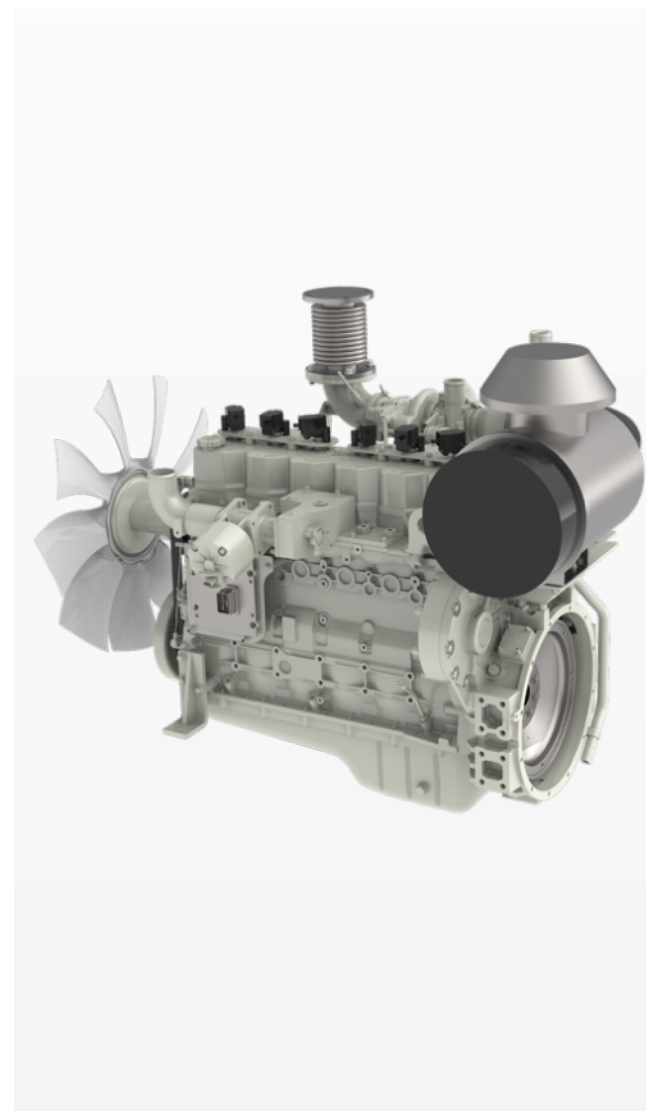
The activities of a company news





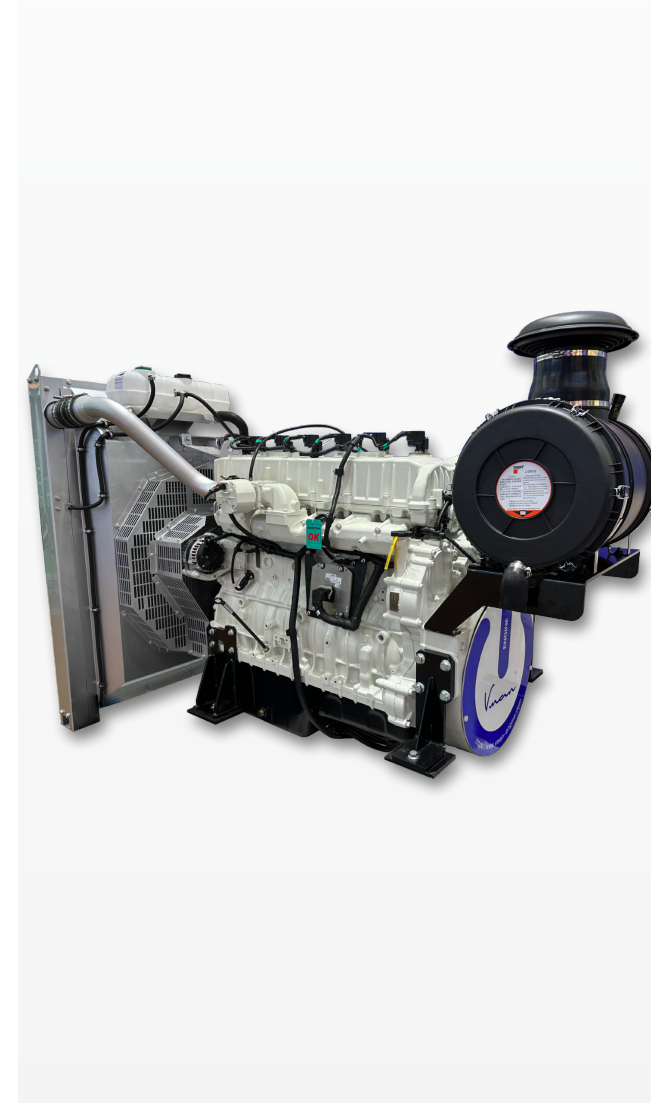
We cooperate with Mr. Sopa from 2017, develop the gas engine, improve Cylinder head, Piston, Piston Pin, crankshaft, Camshaft, intake& exhaust Valves .... Till all parts of our gas engine average life can over 12000 hours to 25000 hours.

# Our products - 100kW to 1MW



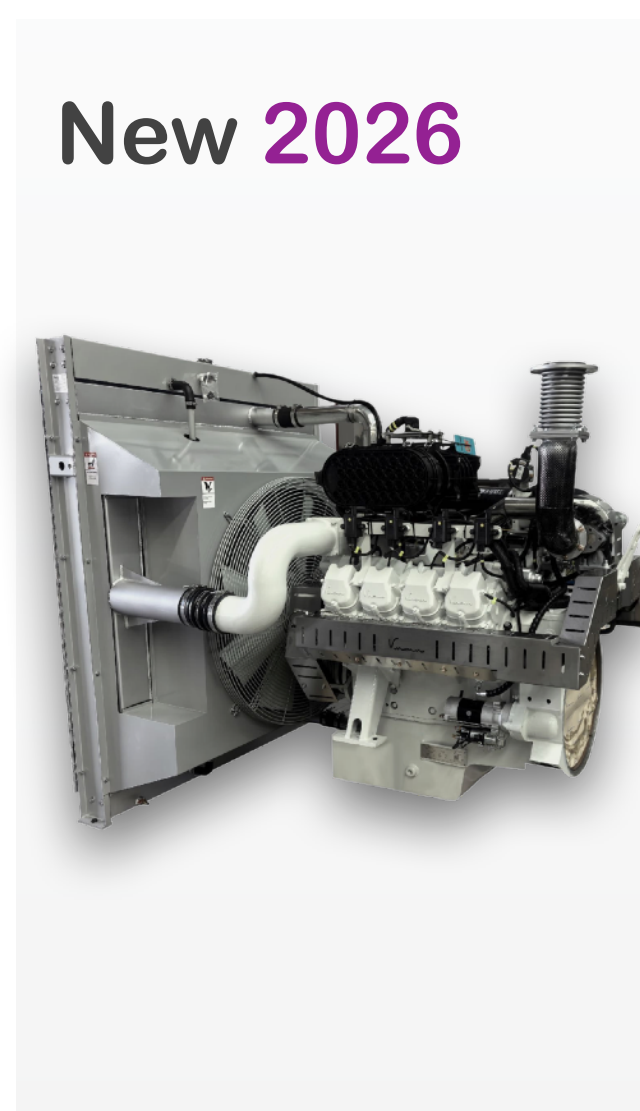
CT07

COP: 100 kW



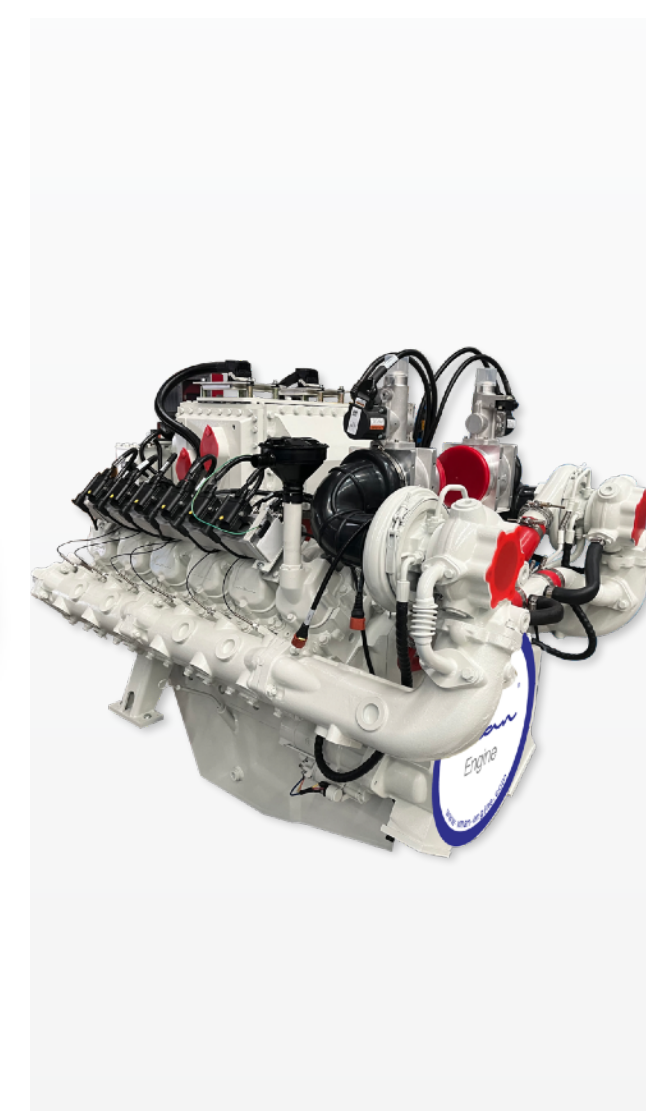
CET12/13

COP: 200-250 kW



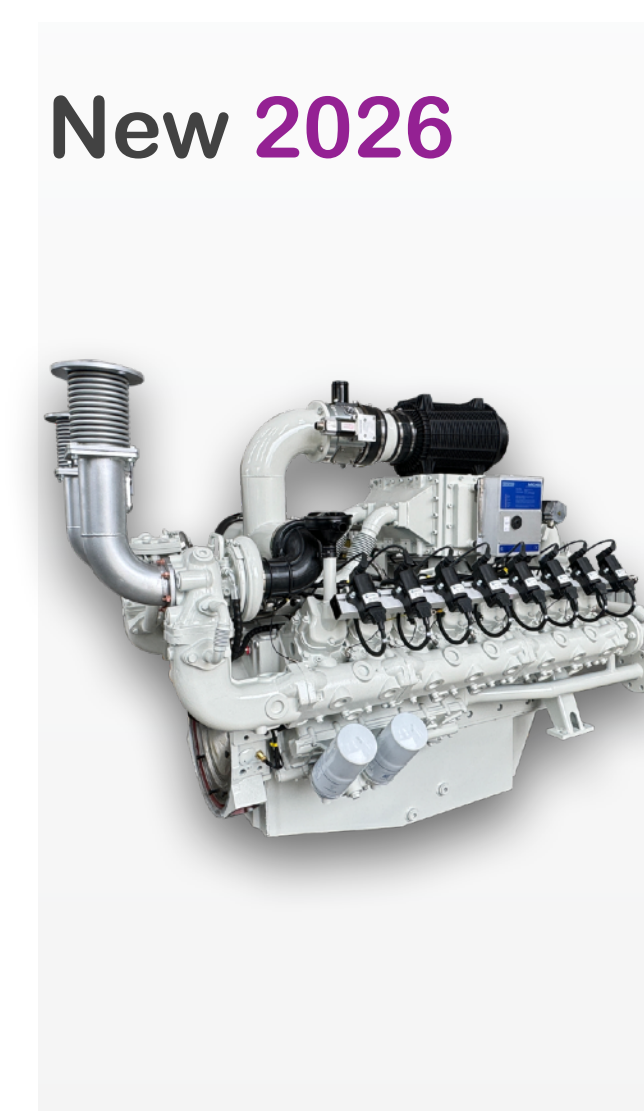
DT15NG/BG

COP: 250-280 kW



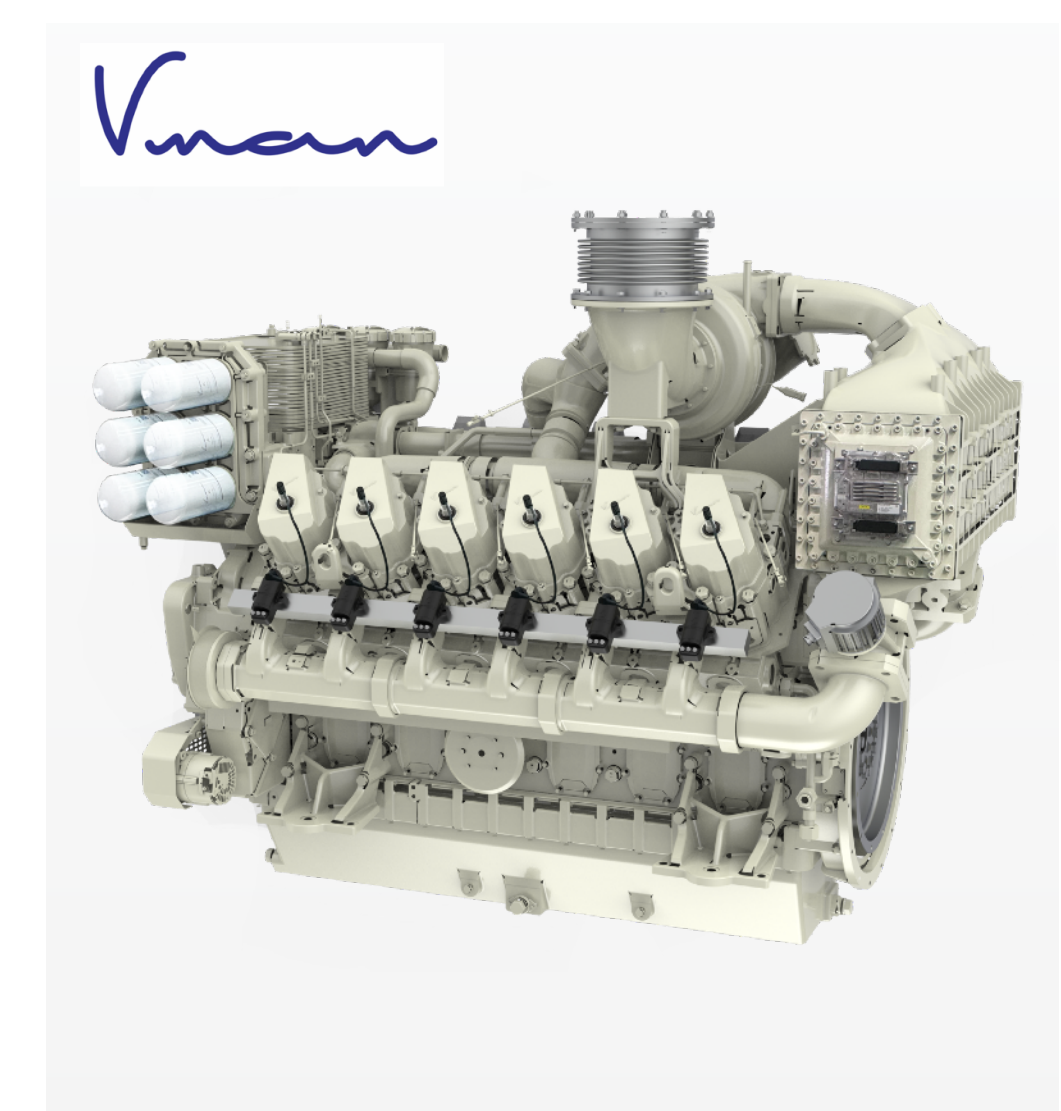
DT22

COP: 400 kW



DT30+

COP: 550-600 kW

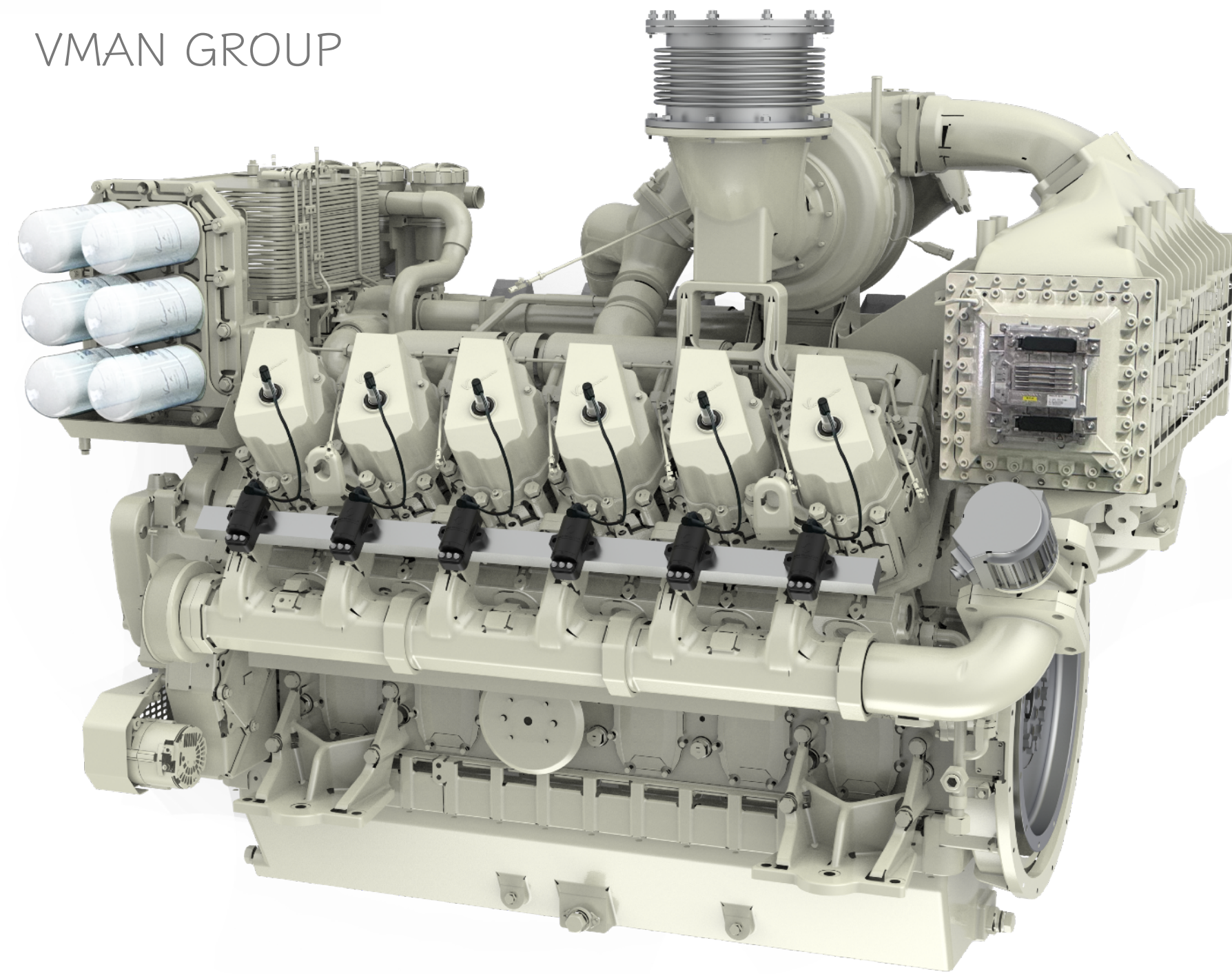


DT58

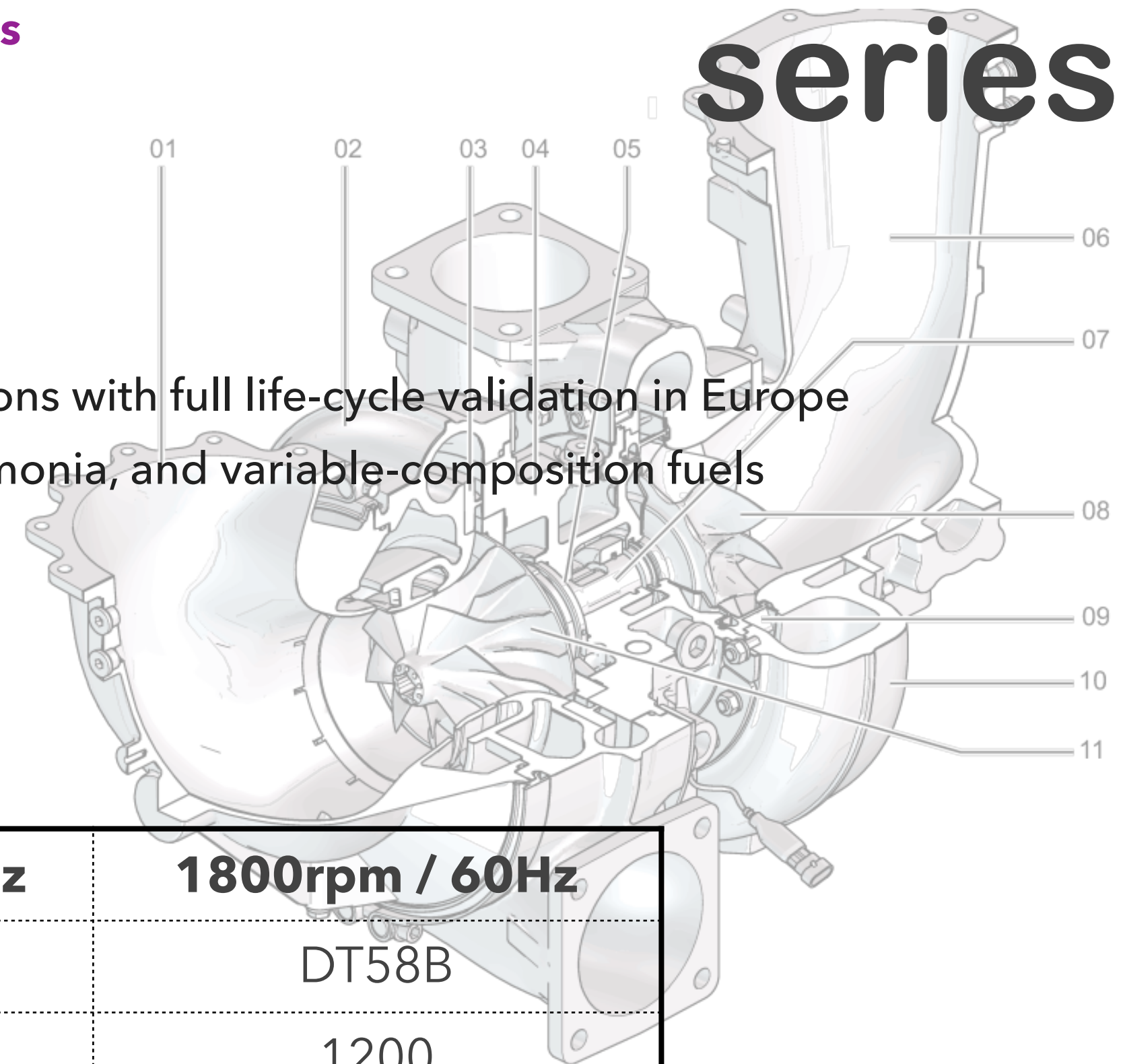
COP: 1200 kW



# DT58 series

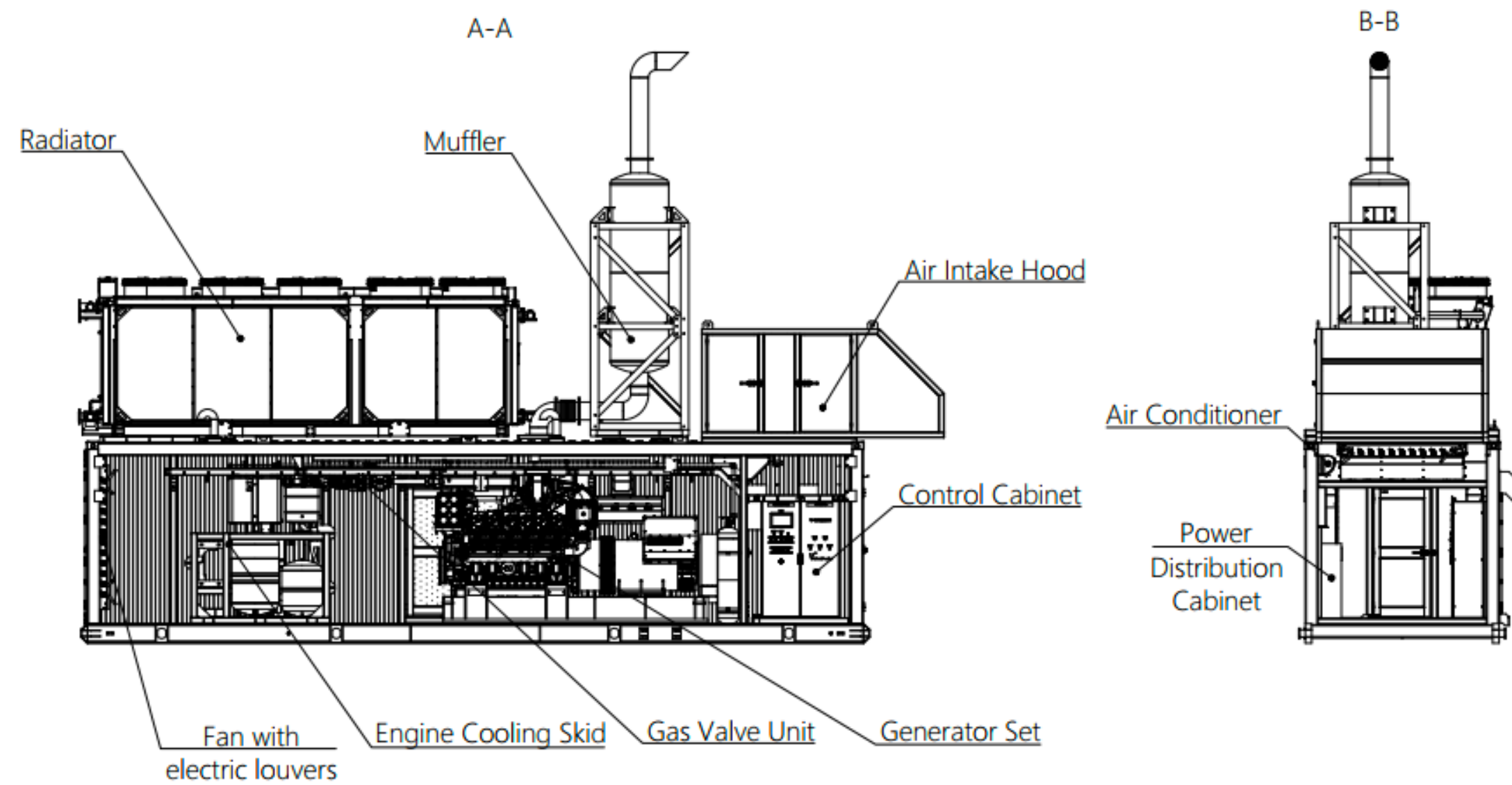


Direct Injection. Four-stroke. Water-cooling.  
 12 Cylinder, V-type, **Individual Cylinder Heads**  
**170 mm "golden ratio" bore platform**  
 1500rpm/1800rpm  
 Displacement: 57.2L  
 Heinzmann gas controller system  
 ABB Turbocharge Optimized for CHP applications with full life-cycle validation in Europe  
 Compatible with natural gas, biogas, LPG, ammonia, and variable-composition fuels  
 Time to first overhaul: up to 64,000 hours  
**12000 Hours / 2 Years Warranty**

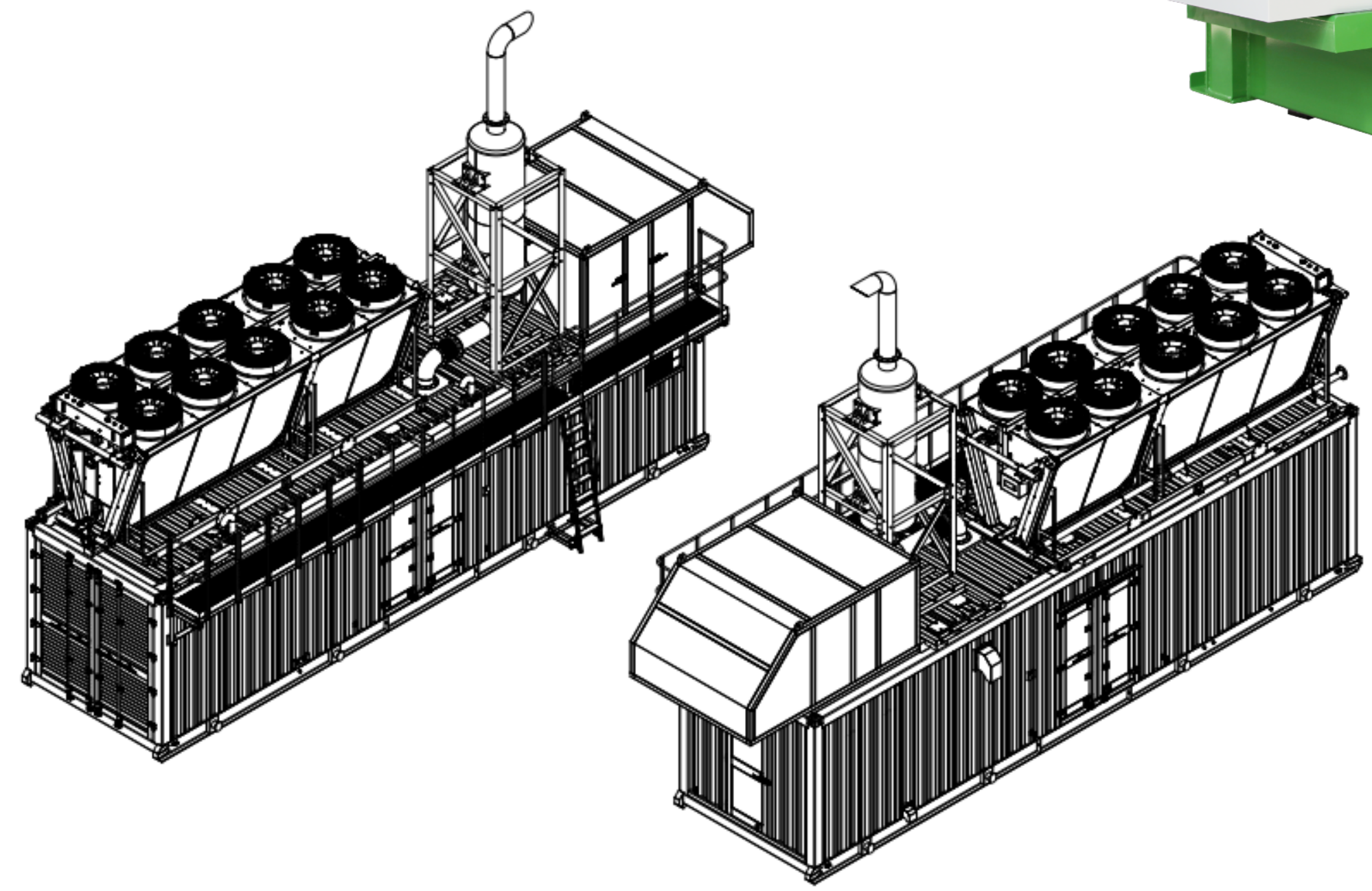
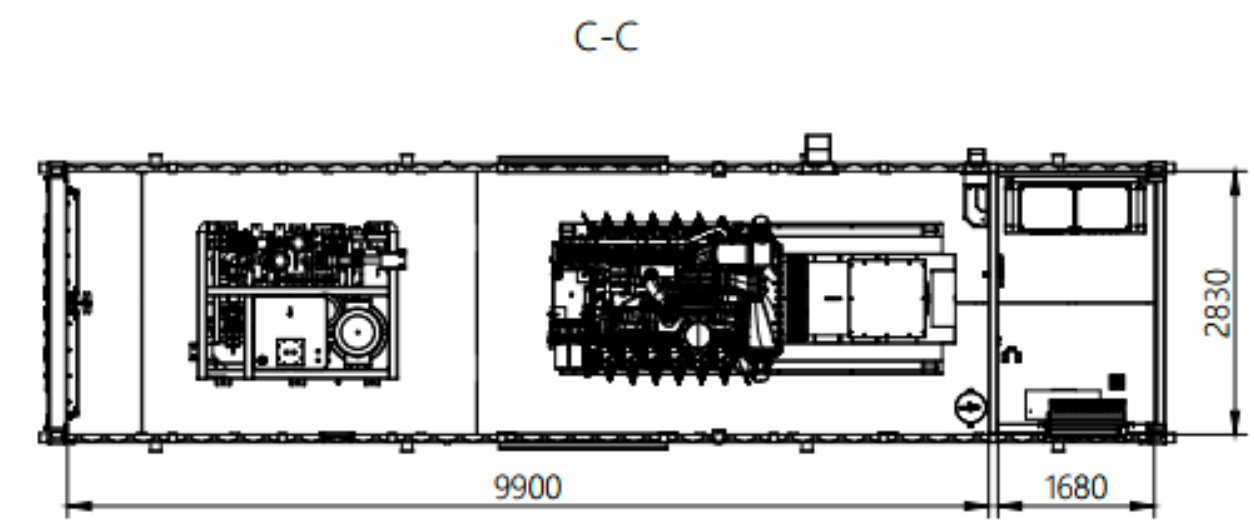
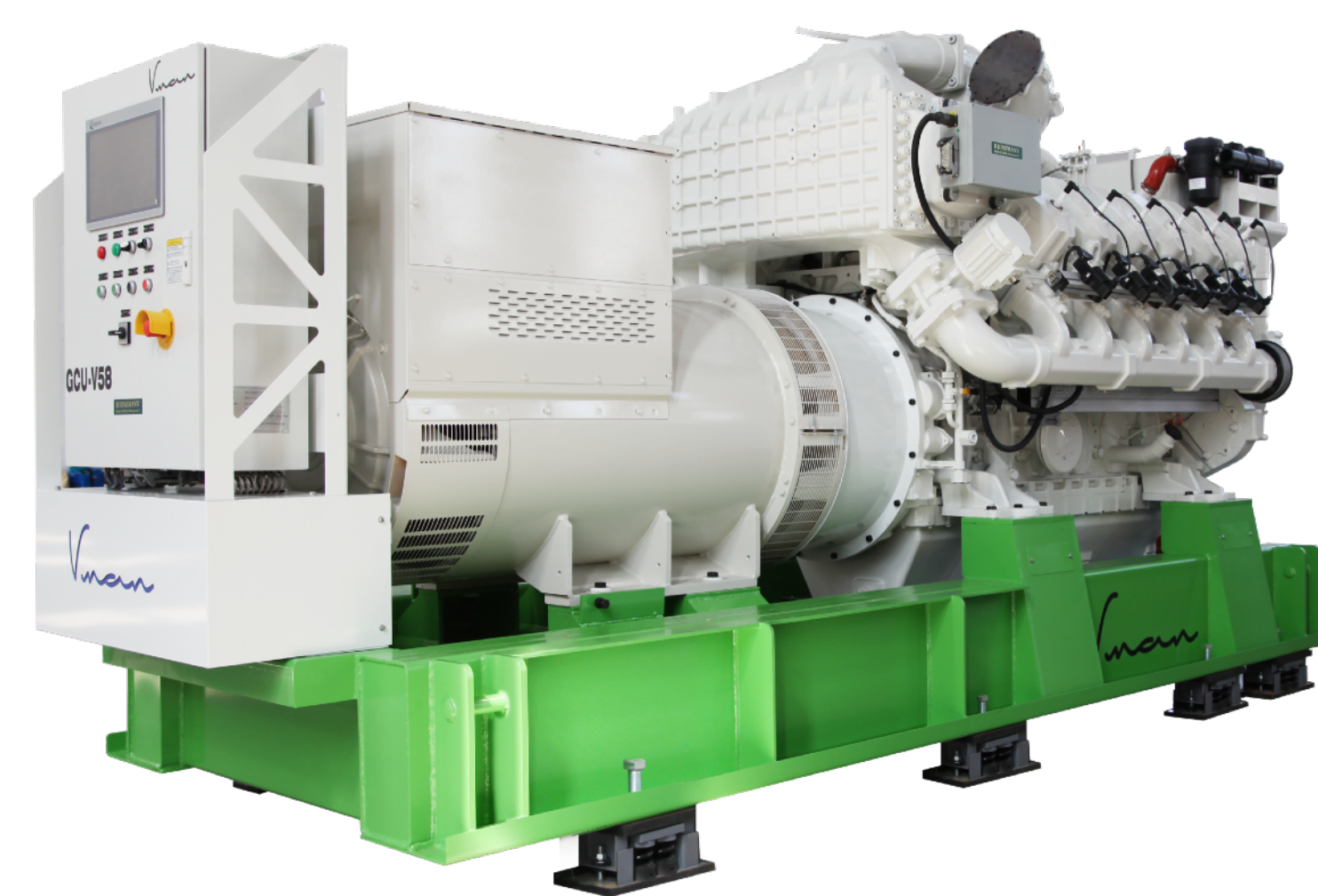


- \* Easy maintenance, advanced technology
- \* Lower maintenance cost
- \* Lower oil and gas consumption
- \* Longer lift time

Ratings	1500rpm / 50Hz	1800rpm / 60Hz
	DT58A	DT58B
<b>Electrical power (kWe)</b>	1200	1200
<b>Thermal output (kW)</b>	1231	1231
<b>Electrical efficiency *</b>	41.41%	41.41%
<b>Thermal efficiency *</b>	42.48%	42.48%
<b>Total efficiency *</b>	83.89%	83.89%



- Main equipment  
VMAN DT58 2 x 1MW
- Fuel  
Natural Gas
- Types of work  
Power Supply
- Commission Year  
Sept,2025



- 1.2MW x 1 Container gas generator set
- 1MW x 1 Container gas generator set

# Application DT58 series

# New DT58 series

- Assignment

Power plant production at the plant of TK

- Main equipment

VMAN DT58 1 x 1MW

- Fuel

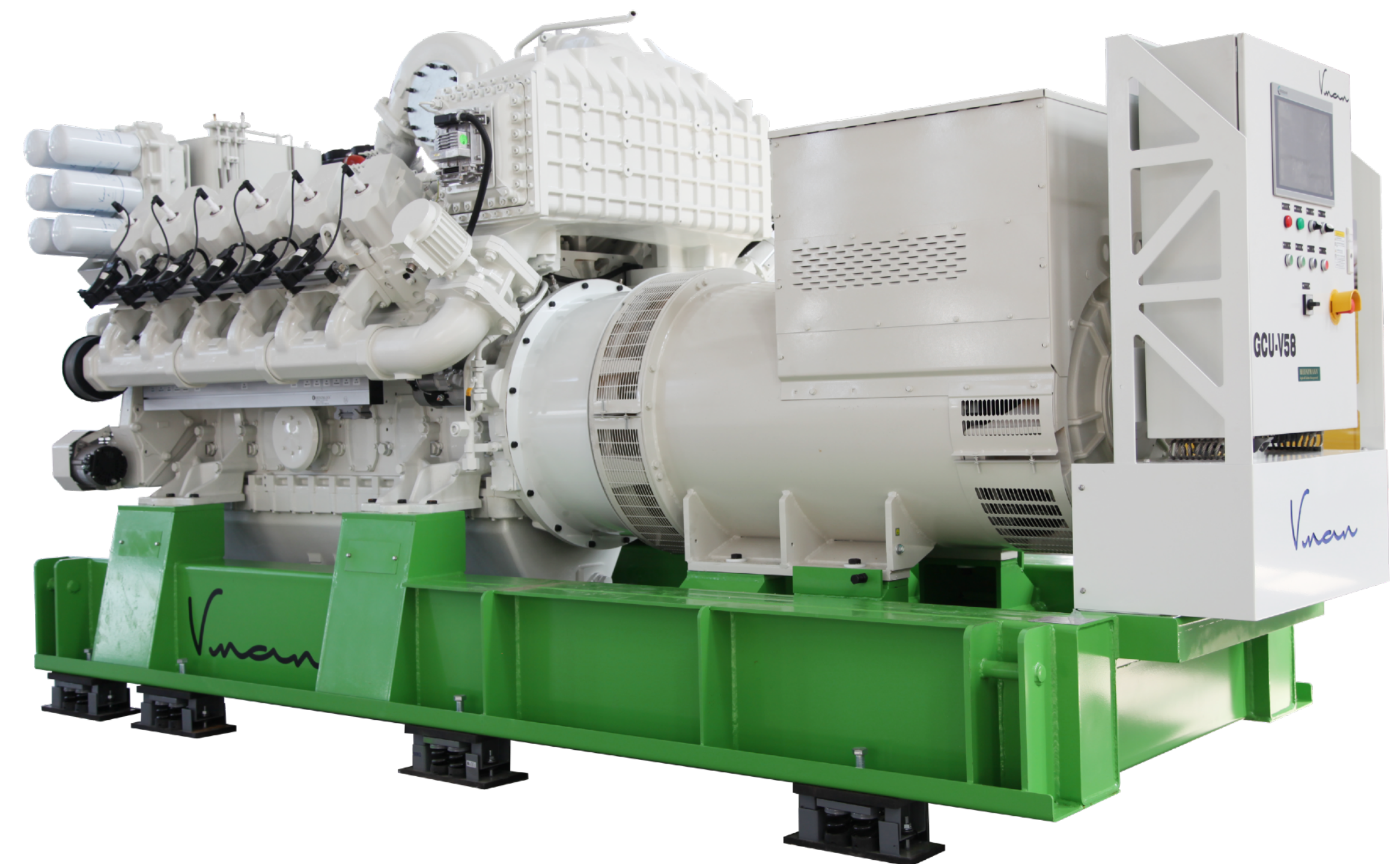
Natural Gas

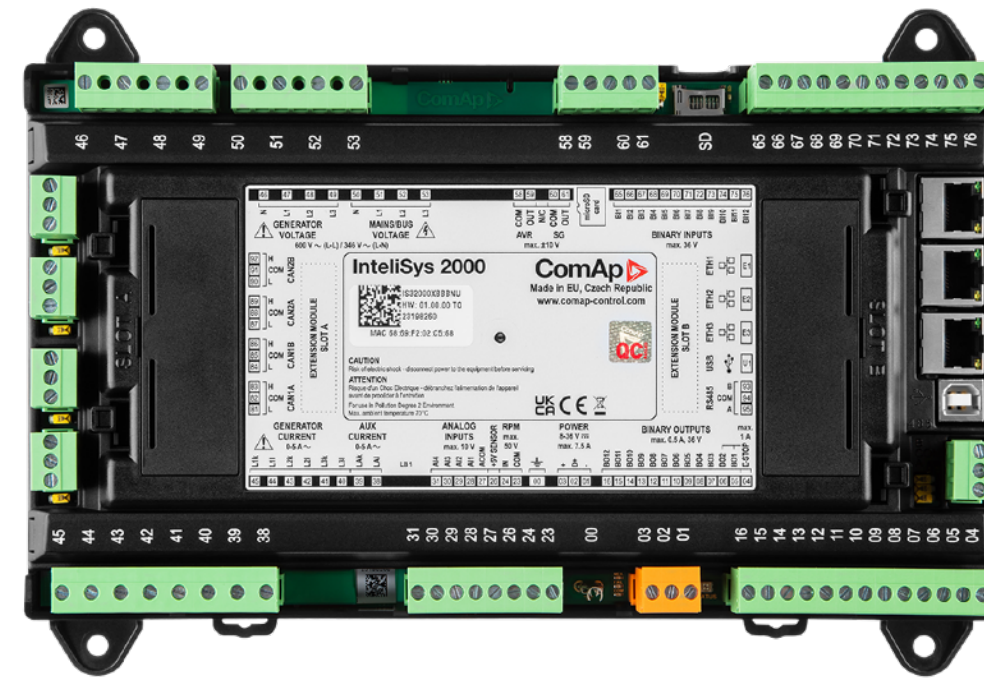
- Types of work

Power Supply

- Commission Year

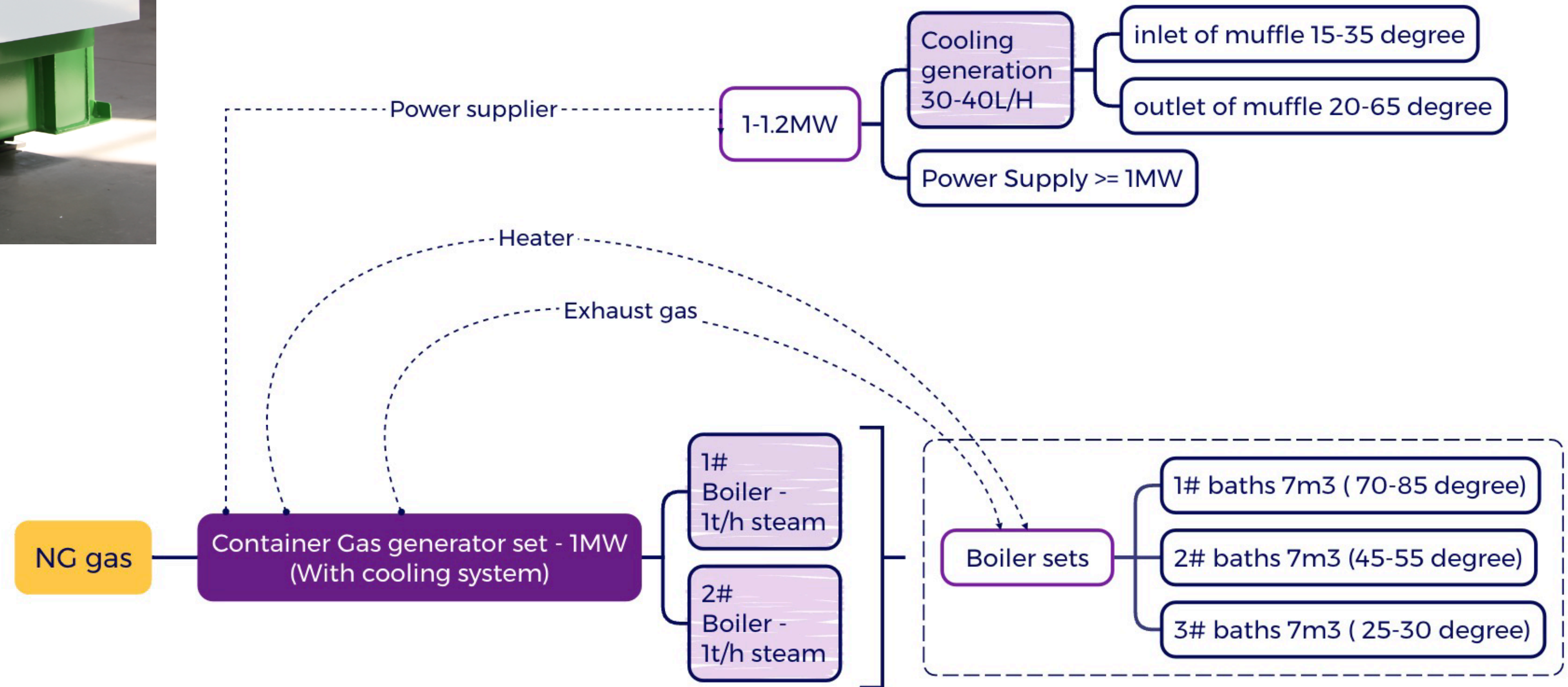
Feb,2026





- Assignment  
Power plant production in Ukraine
- Main equipment  
VMAN DT58 1 x 1MW
- Fuel  
Natural Gas
- Types of work  
Power Supply, CHP, hot water supply

# Application DT58 series



- **Temperature**  
-40°C - 30 °C ( Extreme Cold Weather)
- **Special equipment**  
Double-layer insulated container  
**Additional Container for cooling system**

- **Assignment**

Power plant production in Eastern Russia

- **Main equipment**

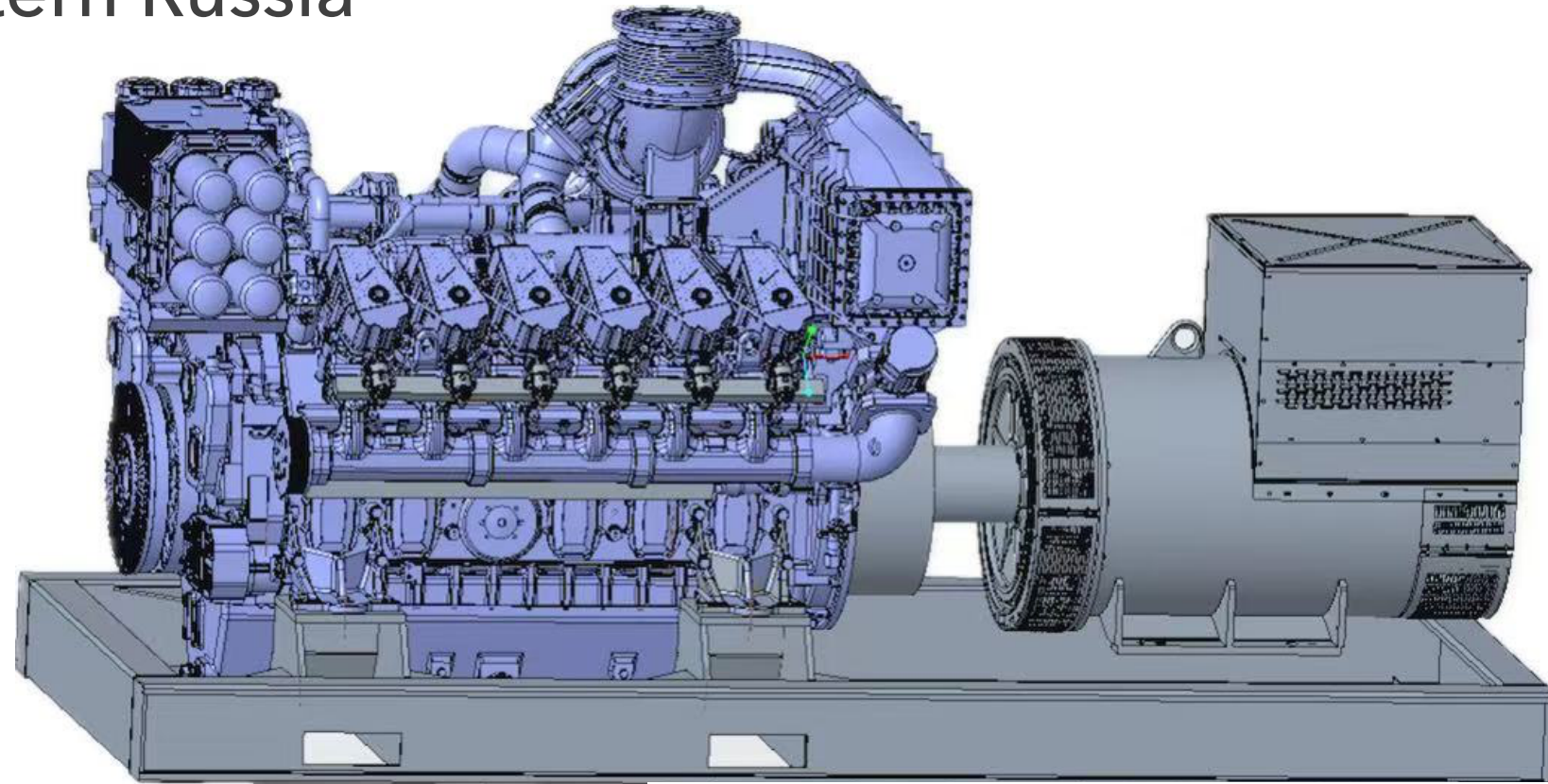
VMAN DT58 1 x 1MW

- **Fuel**

Natural Gas

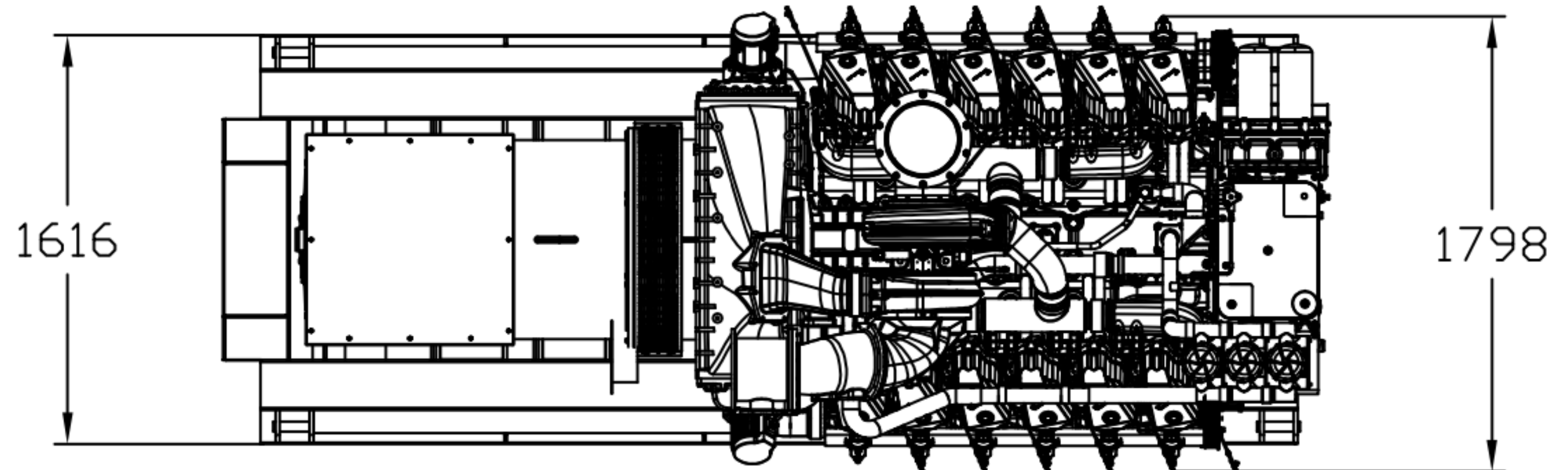
- **Types of work**

Power Supply



# Application

## DT58 series





# DT30+ New series

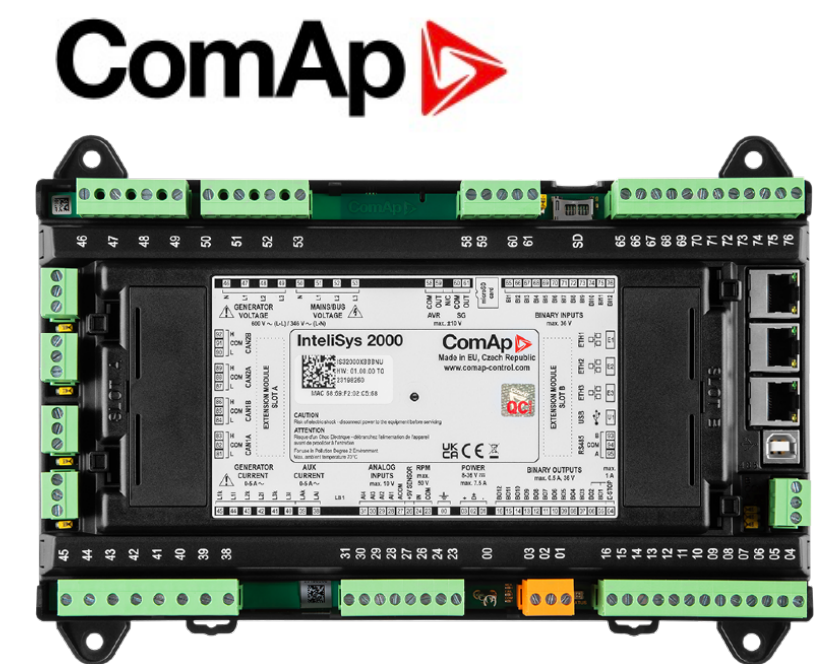
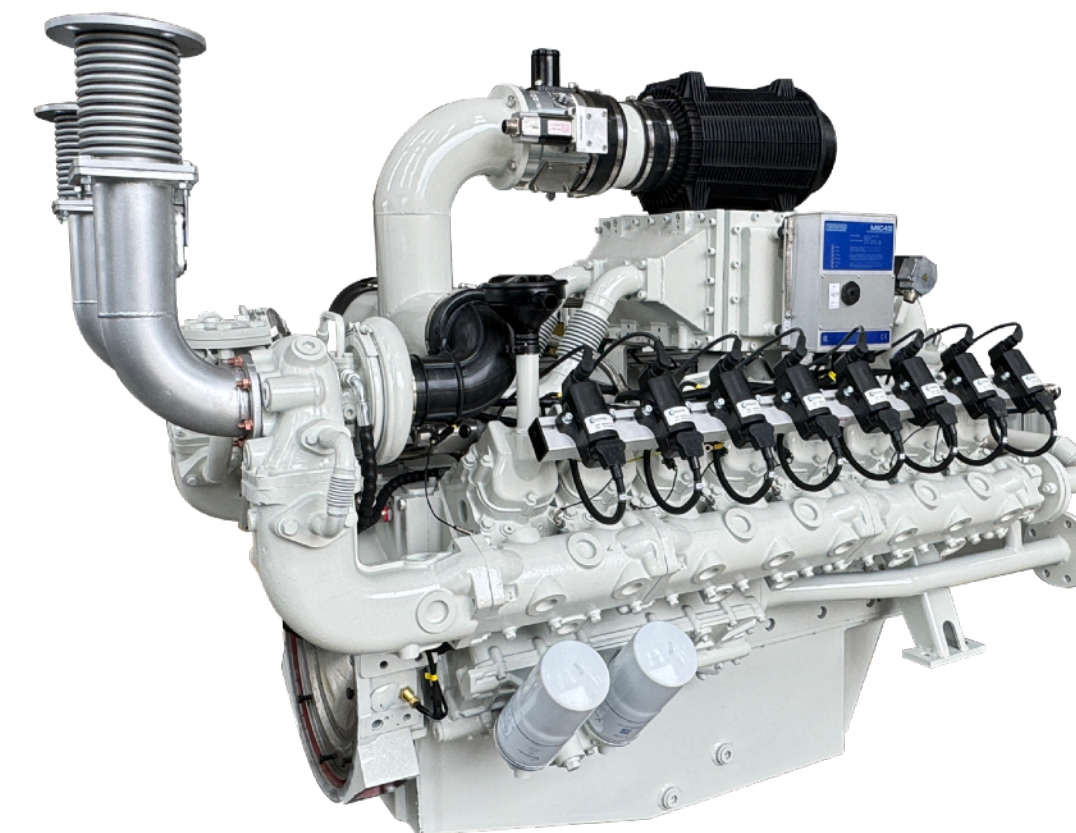
Four-stroke. Water-cooling.  
 16 Cylinder, V-type  
 1500rpm/1800rpm  
 Displacement: 30.14L  
 Motortech + Heinzmann gas engine controller system  
 ComAp gas engine and generator set controller system  
 8000 Hours / 2 Years Warranty

This high-performance engine combines four-stroke technology, and water cooling to deliver exceptional efficiency, reliability, and thermal stability. The 16-cylinder V-type layout ensures compact power density, while the 30.14L displacement provides ample torque and responsiveness across both 1500 rpm and 1800 rpm operating ranges.

Equipped with the advanced Motortech + Heinzmann gas engine controller system and the ComAp gas engine and generator set controller system, this unit achieves precision air-fuel ratio control, real-time monitoring, and seamless load management. This dual-system integration maximizes fuel economy, reduces emissions, and ensures stable operation under varying load conditions.

Backed by an industry-leading 8,000 hours or 2 years warranty, the configuration delivers outstanding long-term reliability, lower total cost of ownership, and peace of mind for continuous power generation or mechanical drive applications.

Ratings	1500rpm / 50Hz	1800rpm / 60Hz
	DT30A+	DT30B+
<b>Electrical power (kWe)</b>	550	600
<b>Thermal output (kW)</b>	581	711
<b>Electrical efficiency *</b>	37.36%	37.36%
<b>Thermal efficiency *</b>	45.65%	45.65%
<b>Total efficiency *</b>	83.01%	83.01%





# New DT30+ series With cooling Skid

For CHP projects, we have launched an integrated cooling skid, which offers very significant advantages.

- High integration, space-saving
- Fast installation, shortened project schedule
- Controlled quality, high reliability
- Easy transport and lifting
- Convenient maintenance and management
- Movable and expandable
- Reduced on-site management costs



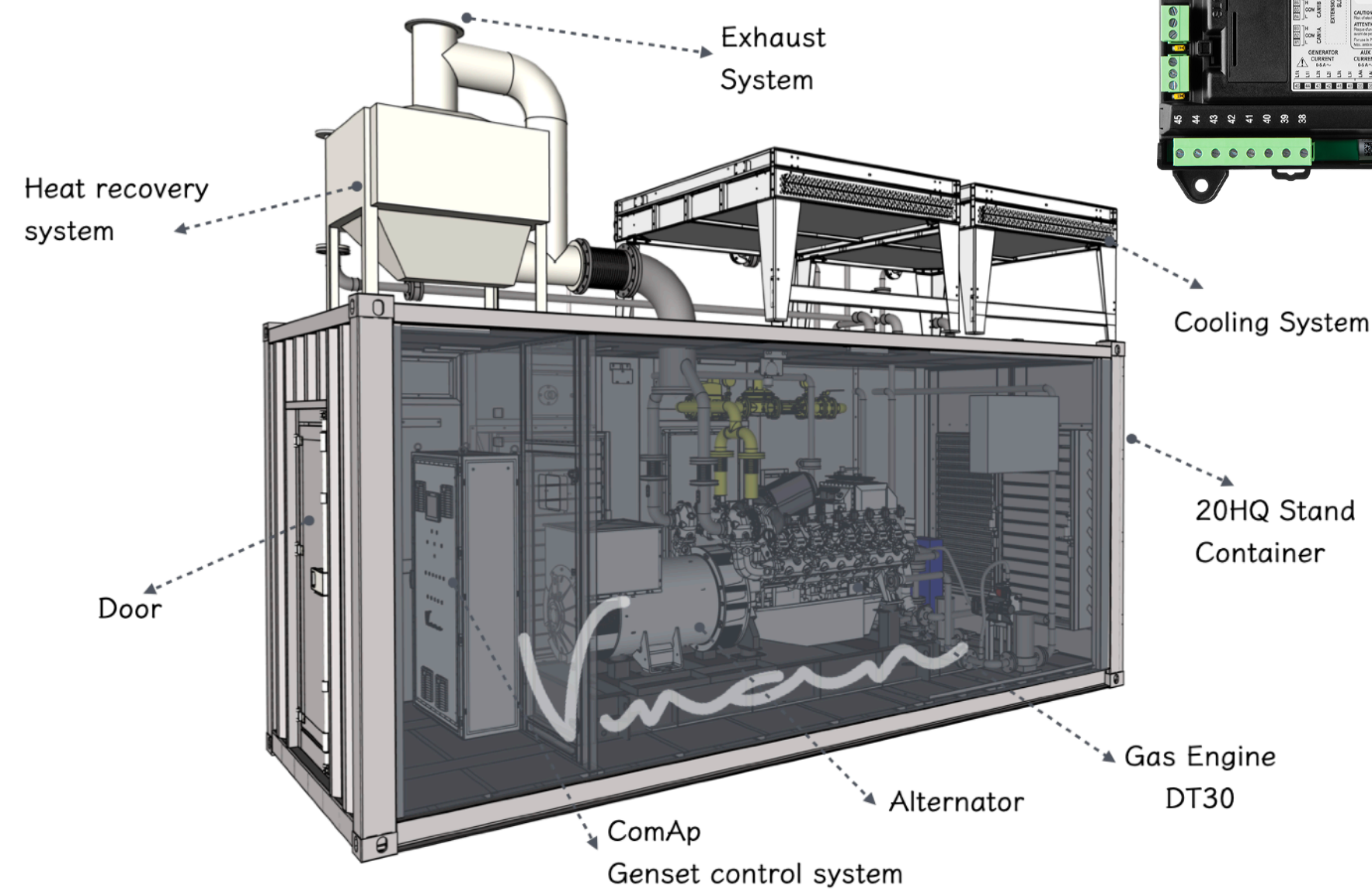
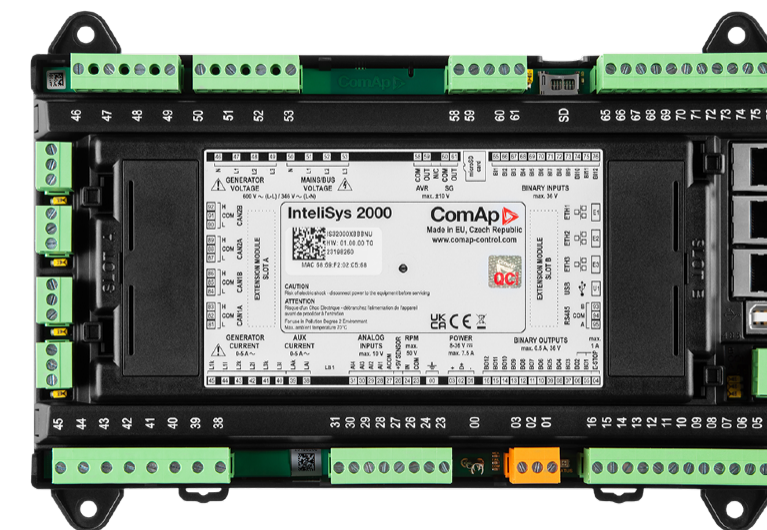
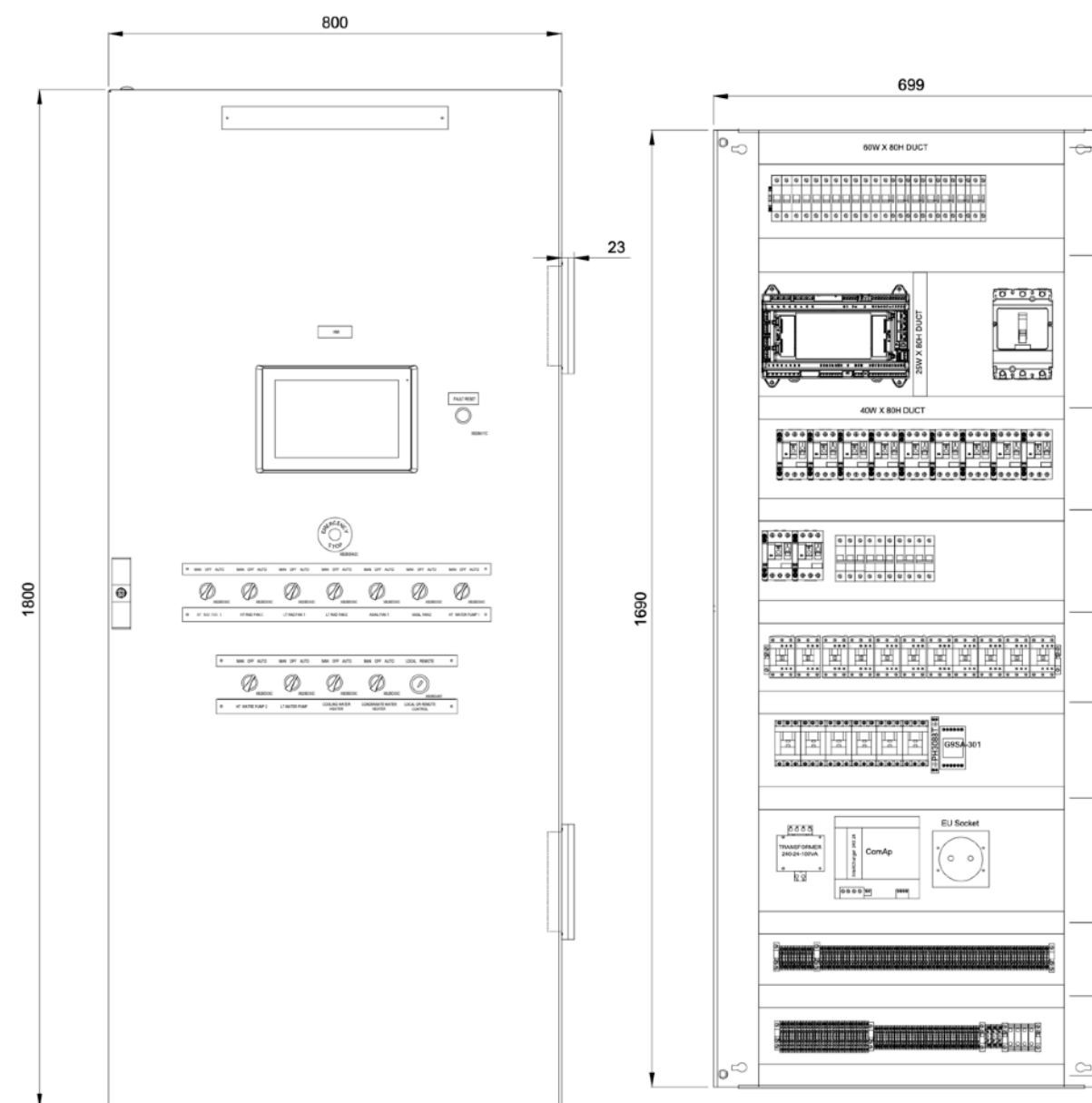
# New DT30+ series



CHP Container gas generator set  
Main equipment  
VMAN DT30+ 1 x 500kW

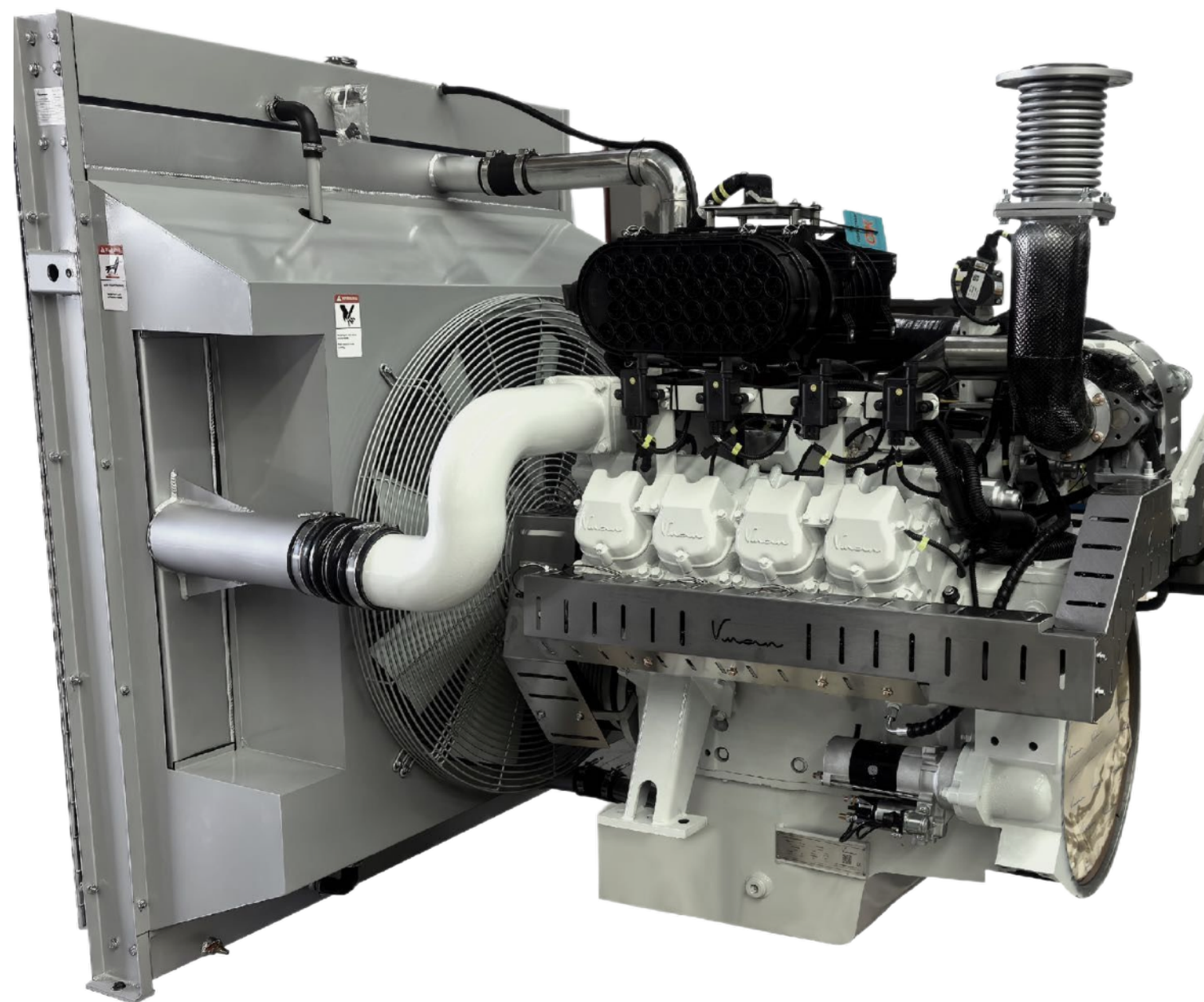
- Fuel  
Natural Gas
- Types of work  
Power Supply
- Commission Year  
Dec,2025

# Application DT series



- 1 x 500kW Container gas generator (CHP)
- Running Hours : 7600 H

# DT15/22 series



Direct Injection. Four-stroke. Water-cooling.  
 8/12 Cylinder, V-type  
 1500rpm/1800rpm  
 Displacement: 15.07L/22.61L  
 Woodward gas controller system  
 8000 Hours / 2 Years Warranty



Ratings	1500rpm / 50Hz			1800rpm / 60Hz		
	DT15A-NG	DT15A-BG	DT22A	DT15B-NG	DT15B-BG	DT22B
<b>Electrical power (kWe)</b>	280	250	400	280	250	400
<b>Thermal output (kW)</b>	341	327	460	341	327	460
<b>Electrical efficiency *</b>	38.25%	36.02%	38.50%	38.25%	36.02%	38.50%
<b>Thermal efficiency *</b>	43.31%	44.12%	44.25%	43.31%	44.12%	44.25%
<b>Total efficiency *</b>	81.56%	80.14%	82.75%	81.56%	80.14%	82.75%

# New DT15/22/30- BG series



We have developed a dedicated product line for biogas sources the BG Series, which will be gradually promoted in the livestock industry and the renewable energy sector

# Application DT series

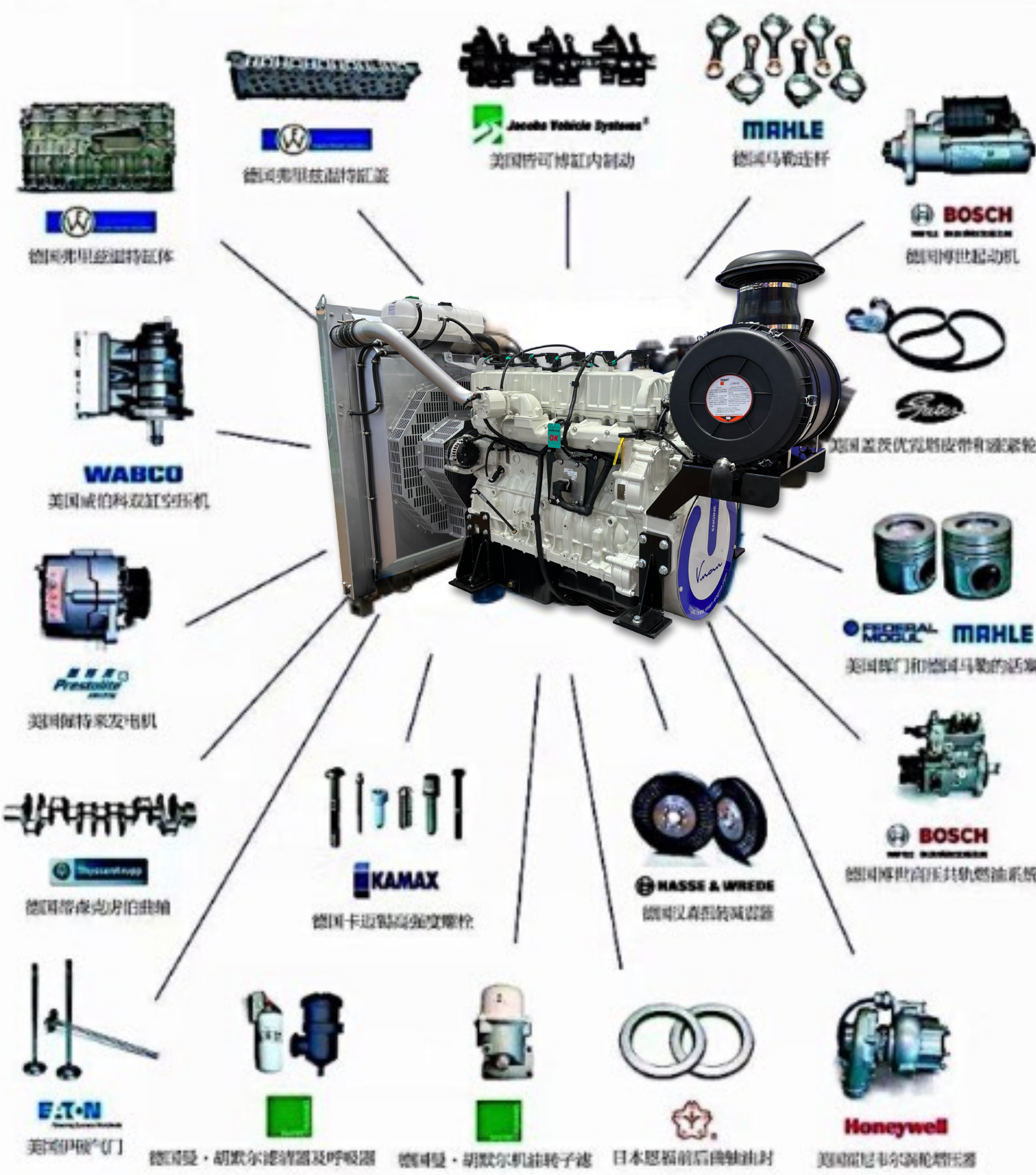
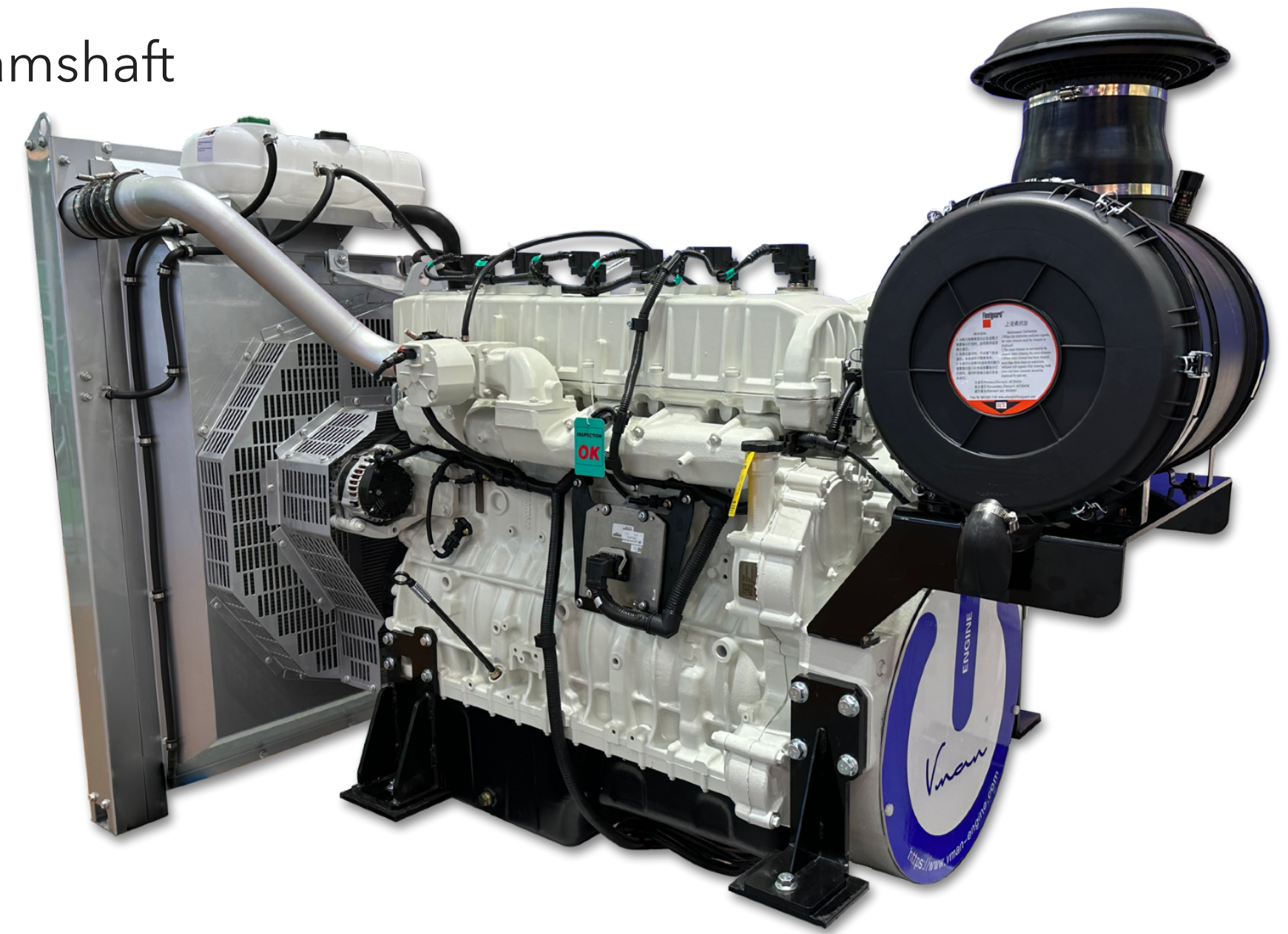


- 1 x 500kW Container gas generator
- Running hour > 20000 Hours



# CET13 series

- New technology of Overhead camshaft
- Engine design from AVL
- Continual running 24 hours
- Standby Power = Prime Power
- All main parts are import



**Warranty**  
8000 Hours

**Delivery Time**  
30 days

Engine Block	Fritz-winter	Germany
Crankshaft	Thyssenkrupp	Germany
Piston	Mahle	Germany
Valve	Eaton	USA
Turbocharger	Honeywell	USA
Connecting rod	Mahle	Germany
starting motor	Bosch	Germany
Fuel system	Bosch's Common rail	Germany
Charging alternator	Prestolite	USA
Bolt	Kamax	Germany

Ratings	1500rpm/50Hz	1800rpm/60Hz
	CET13A	CET13B
<b>Electrical power (kWe)</b>	250	250
<b>Thermal output (kW)</b>	282	282
<b>Electrical efficiency *</b>	38.40%	38.40%
<b>Thermal efficiency *</b>	43.30%	43.30%
<b>Total efficiency *</b>	81.70%	81.70%

# Application

## CET series

- Assignment

Power plant production in Ukraine

- Main equipment

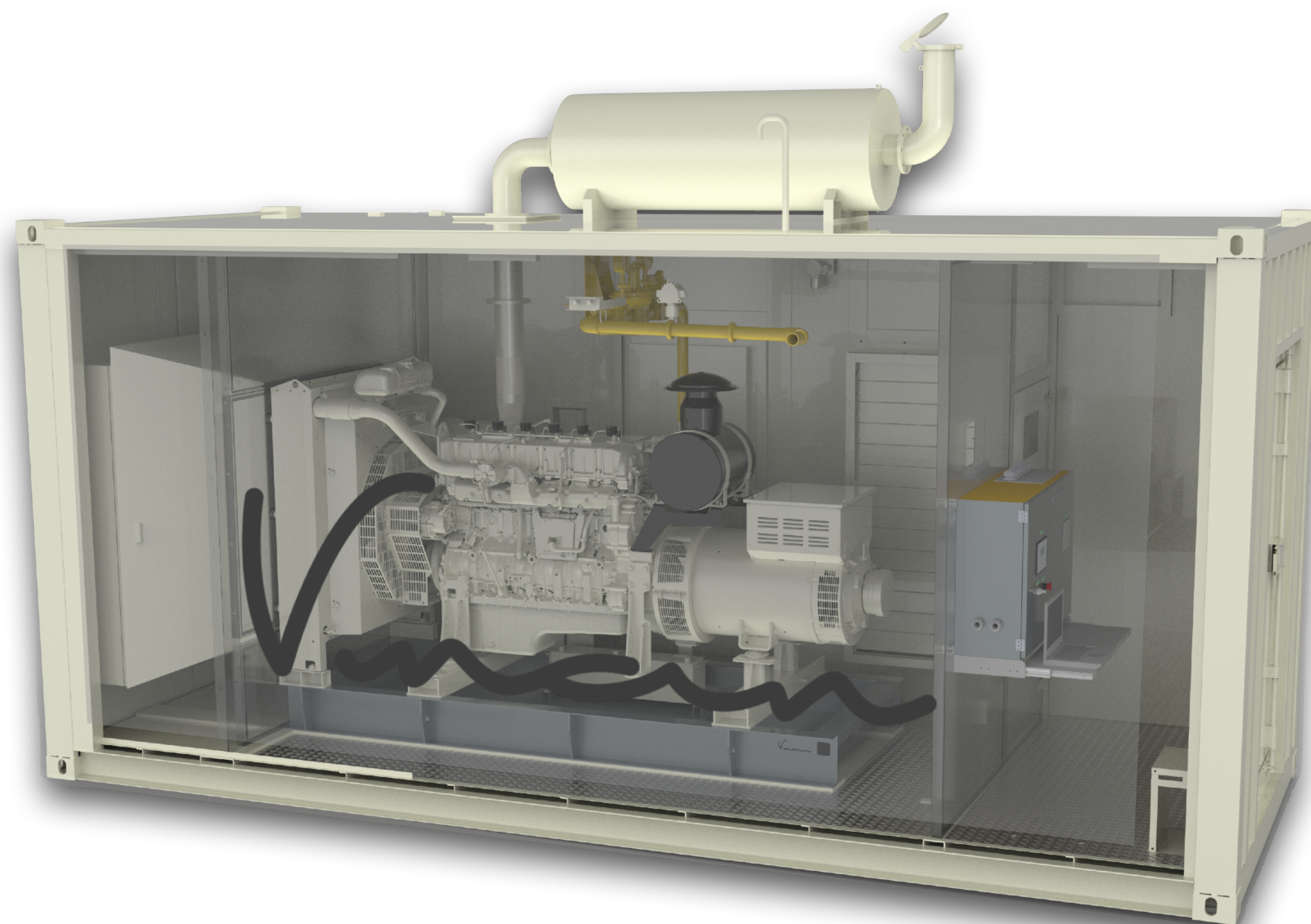
VMAN CET13 x 1 250kW

- Fuel

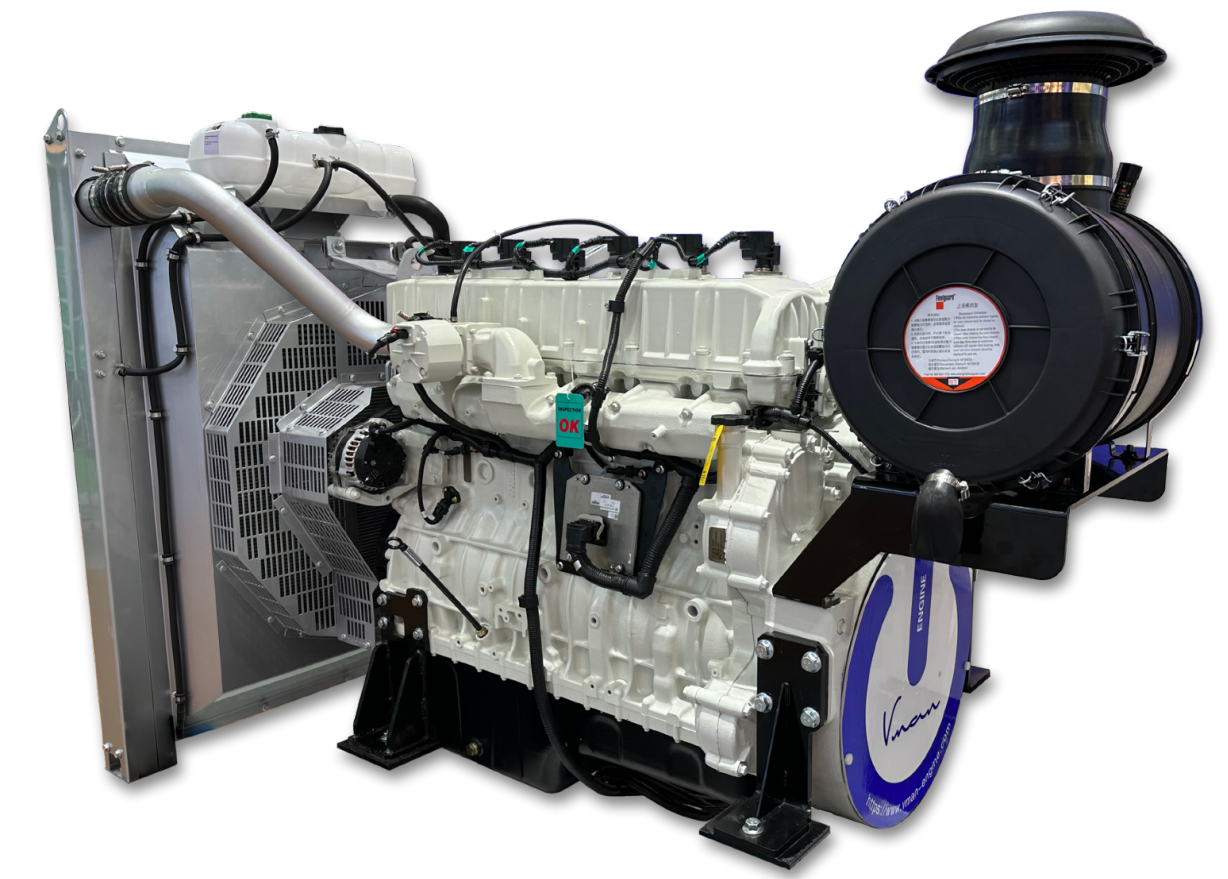
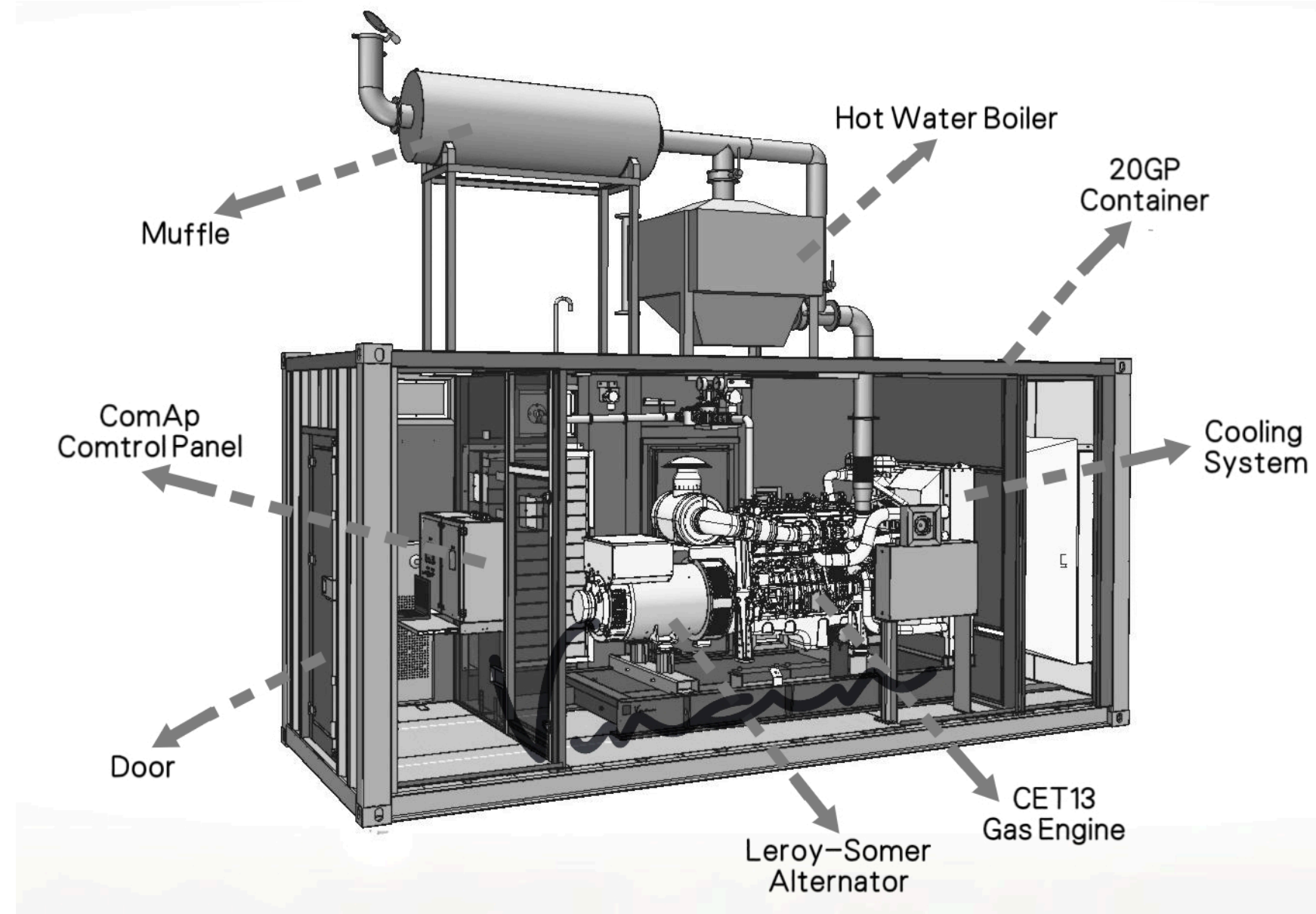
Natural Gas

- Types of work

Power Supply, CHP, hot water supply



# Application CET series

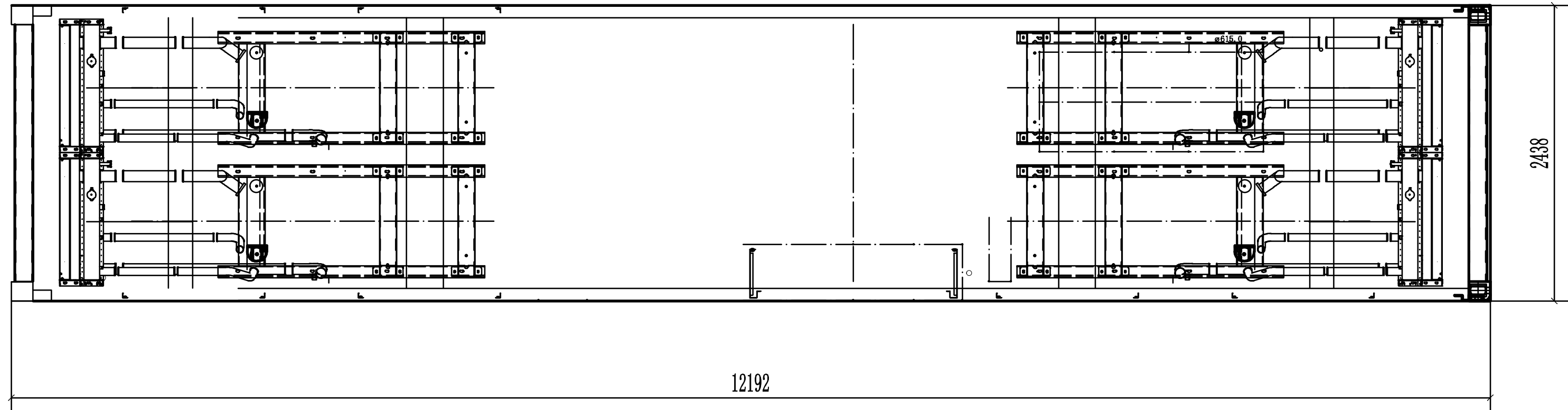
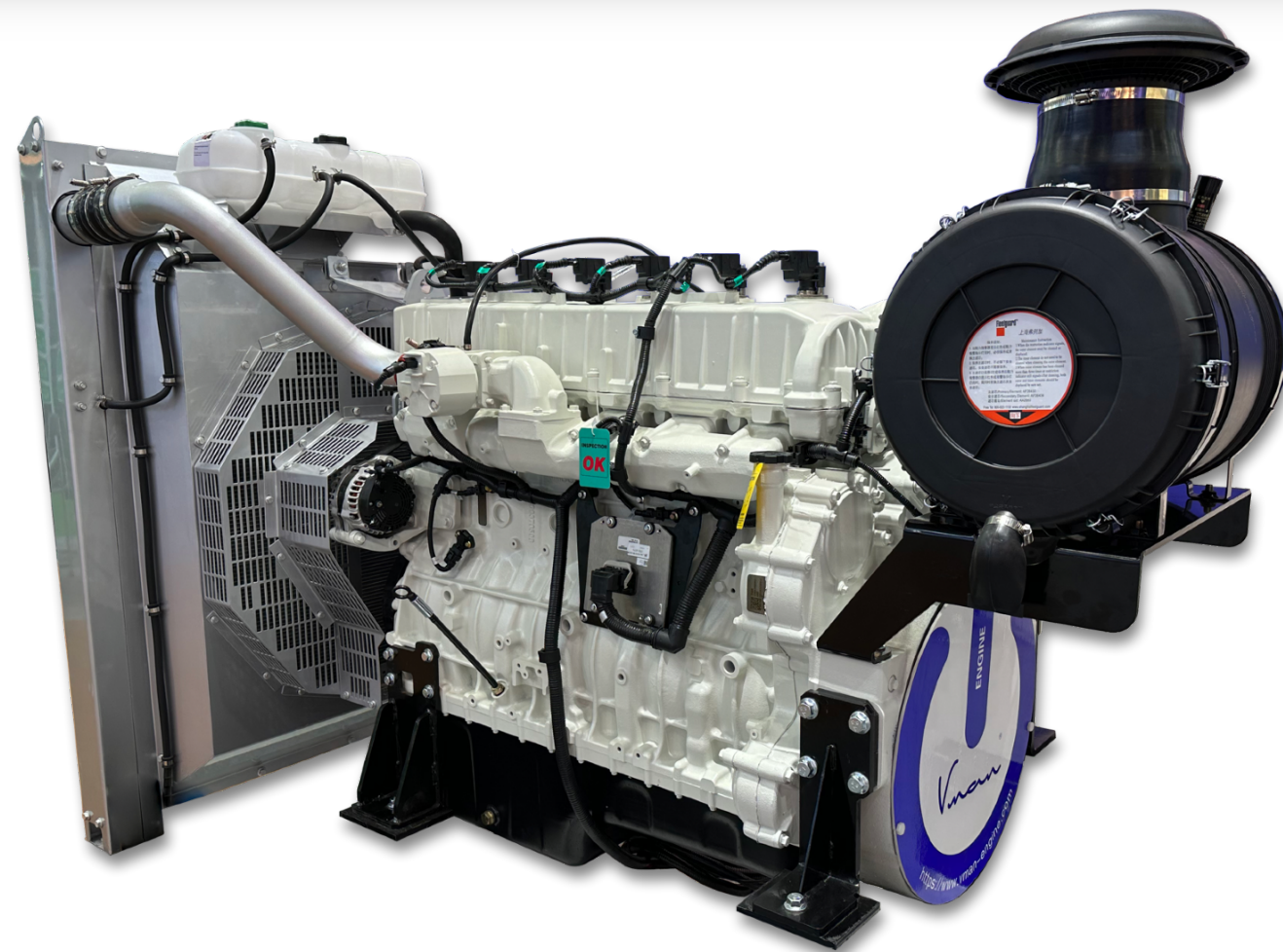
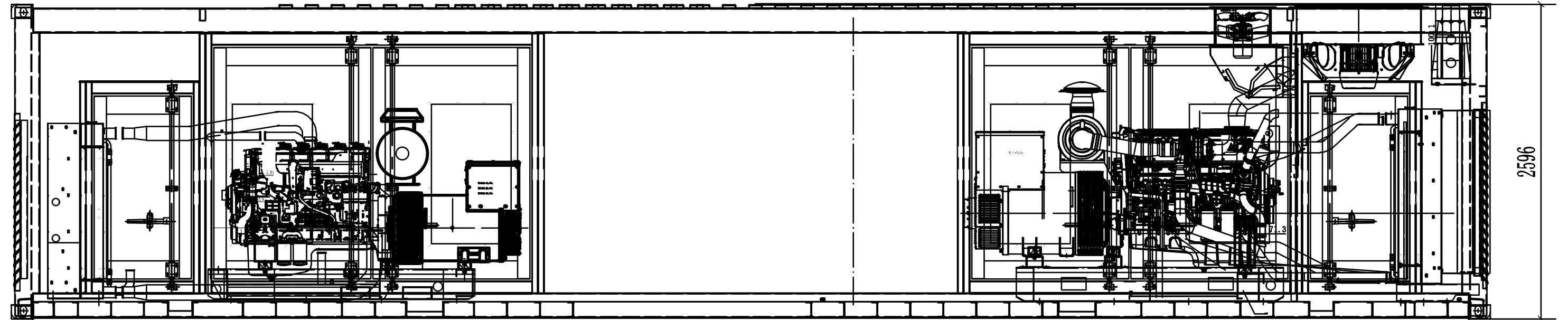


- 250kW x 1 Container gas generator set
- 9 x 250kW Container gas generator

# Application

## CET series

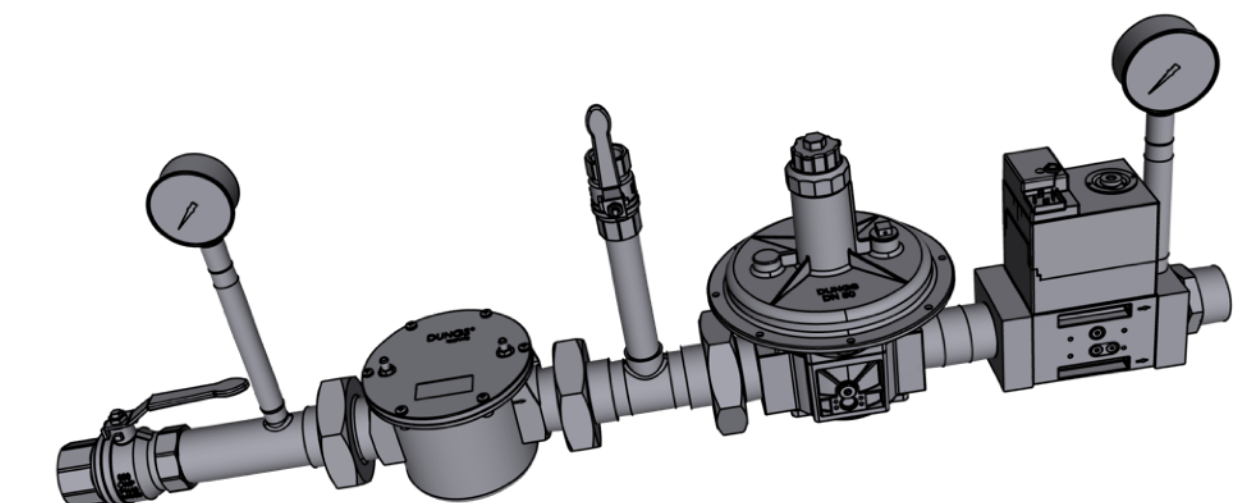
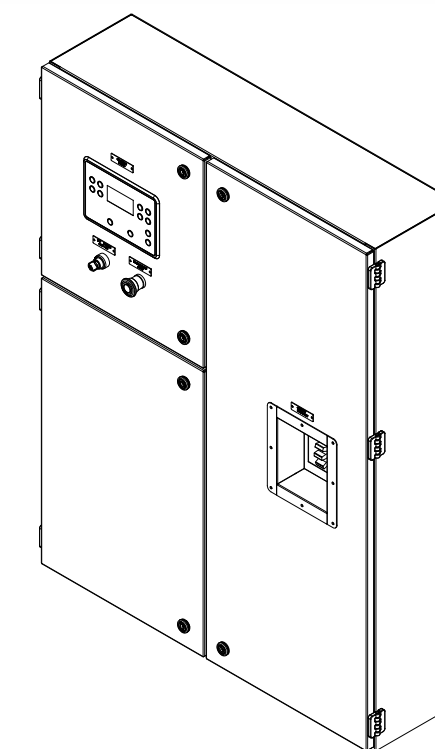
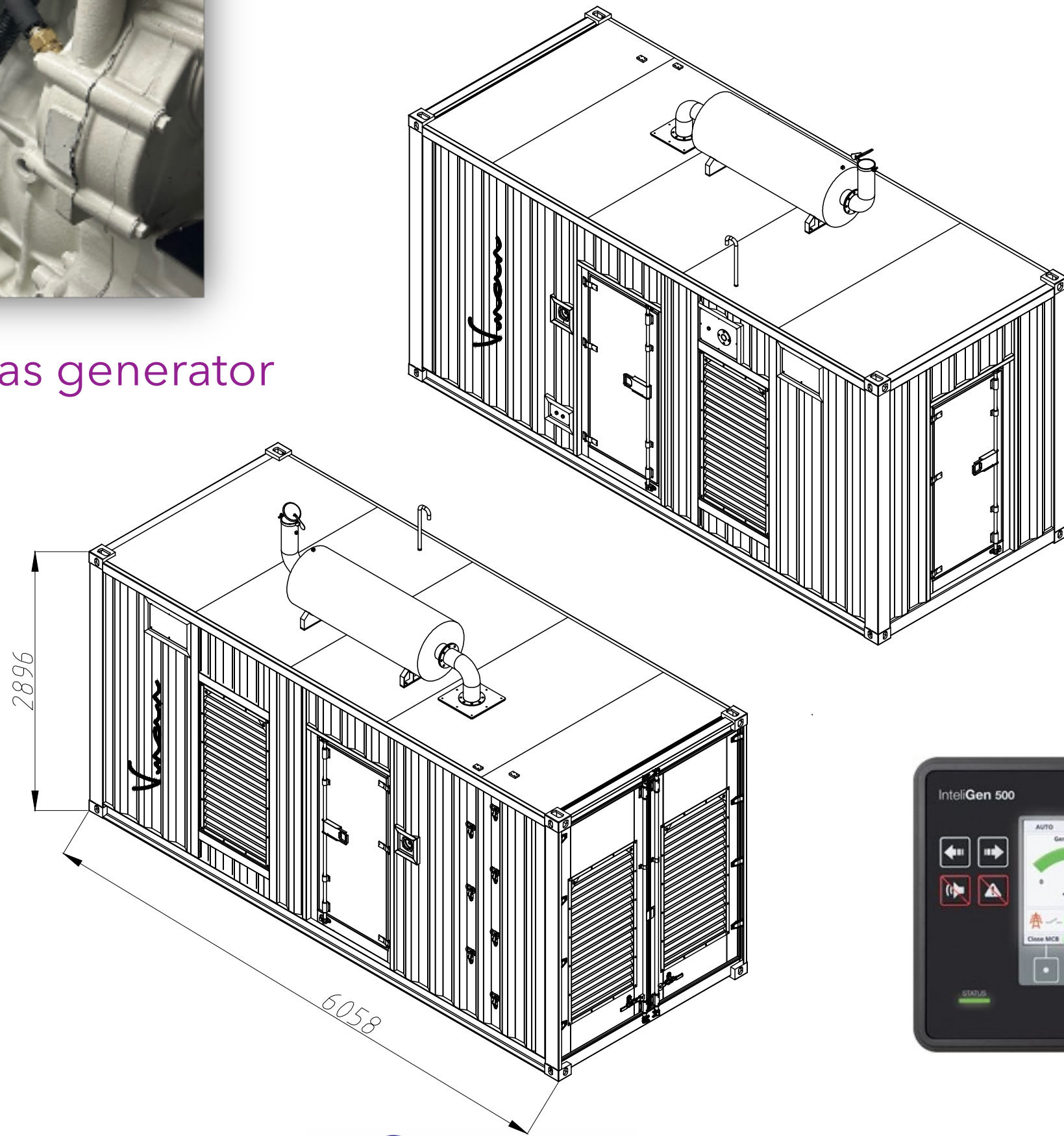
- 4 x 250kW = 1MW Container gas generator set



# Application CET series

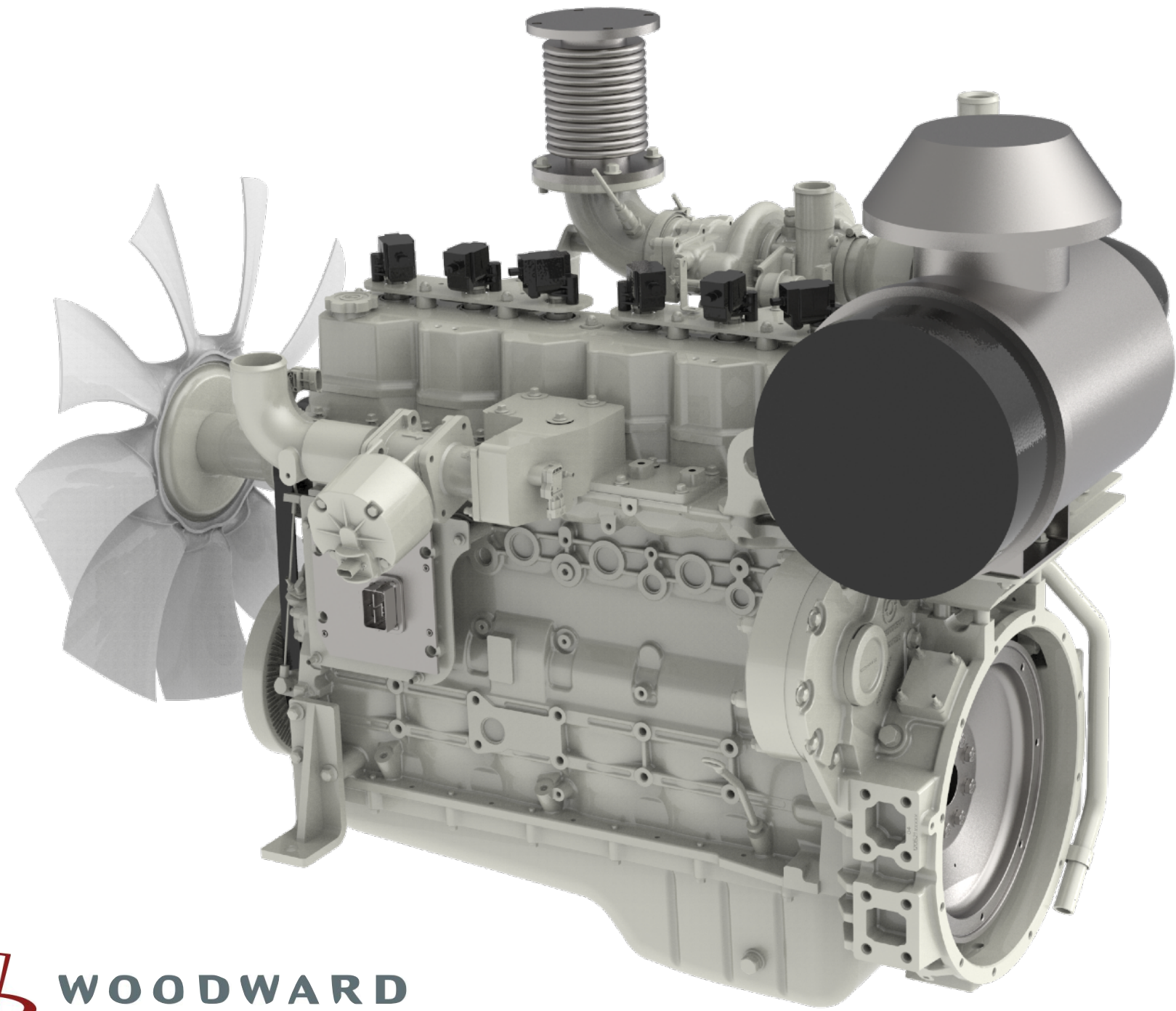


- 3 x 250kW Container gas generator



# CT07 series

Direct Injection. Four-stroke. Water-cooling.  
6 Cylinder, Inline-type  
1500rpm/1800rpm  
Displacement: 6.5L  
Woodward gas controller system  
8000 Hours / 2 Years Warranty



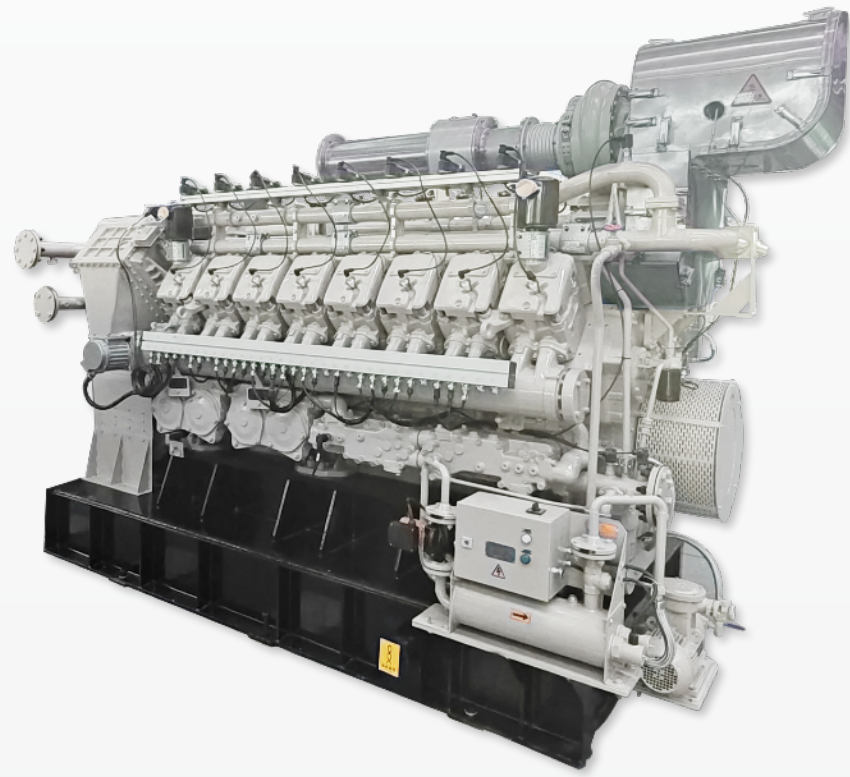
Ratings	1500rpm / 50Hz	1800rpm / 60Hz
	CT07A	CT07B
<b>Electrical power (kWe)</b>	100	100
<b>Thermal output (kW)</b>	115	115
<b>Electrical efficiency *</b>	38.31%	38.31%
<b>Thermal efficiency *</b>	44.14%	44.14%
<b>Total efficiency *</b>	82.45%	82.45%



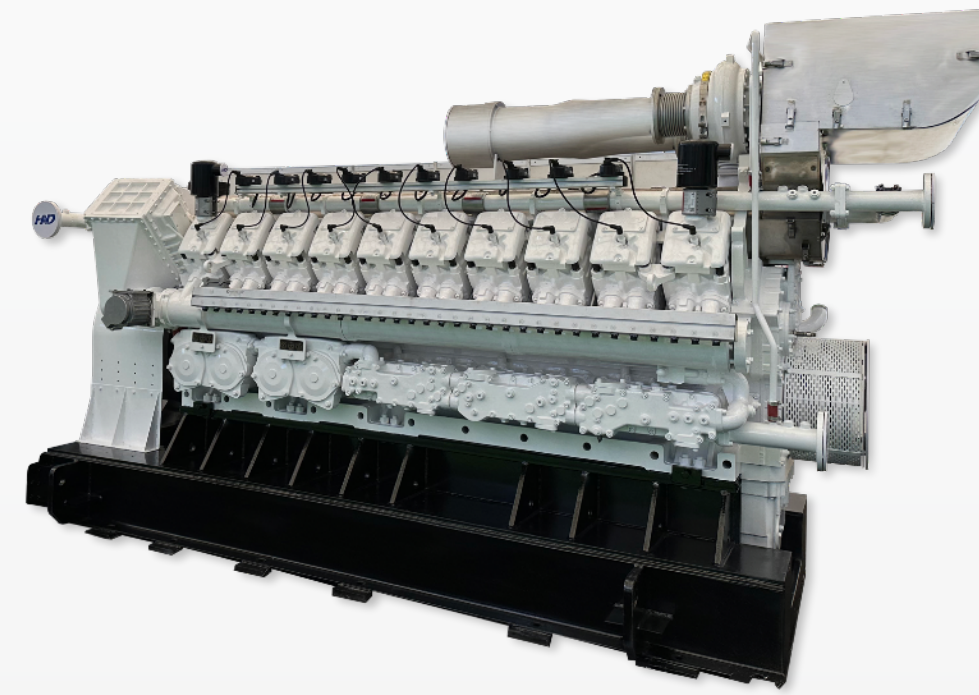
Gas generator set  
Main equipment  
VMAN 1 x 100kW

- Fuel  
Natural Gas
- Types of work  
Power Supply
- Commission Year  
JUNE,2025





CHG622V16



CHG622V20

100kW to 1MW develop by VMAN Engine themselves, nearly 10 years experience of gas generator set field  
1.5MW & 2MW we cooperate with HND company, as exclusive distributor for global market



- Henan Diesel Ltd is located in Luoyang City, Henan Province, was founded in the year of 1958
- It is a manufactory of high-speed, powerful marine engines, part of China State Shipbuilding Corporation Limited. (CSSC), **The CSSC Group has been among the 500 best companies in the world for seven years in a row.**
- The company has more than 2,000 employees, Production area covers 480,000 square meters whose assets are 2.6 billion. yuan
- Annual production capacity - 1,500 high power engines.
- There are more than 400 engineers work in HND, which exceeds 20% of the total number of employees.
- The engines have excellent performance with reliability and efficiency.
- Advanced technologies of MWM and DEUTZ AG were used in the development of the gas engine of the Henan diesel Heavy Industries line



Gas Engine

Experience

Power Range

Project

Technical Source

Experience of Gas engine

1.5MW & 2MW

>165,800 MW

**Gas Engine** - HND gas engine on the basis of the licensed technology from MWM Company (Germany)

**In 2001** - HND company researched and developed gas engine. **> 20 years** - Experience of more than 20 years in gas engine / generator set field

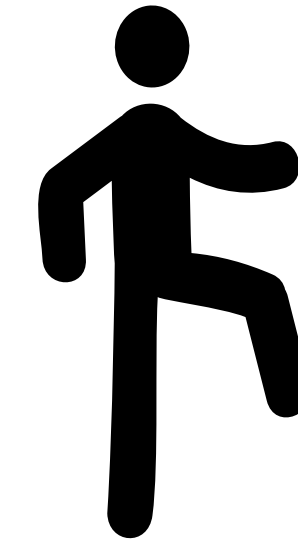
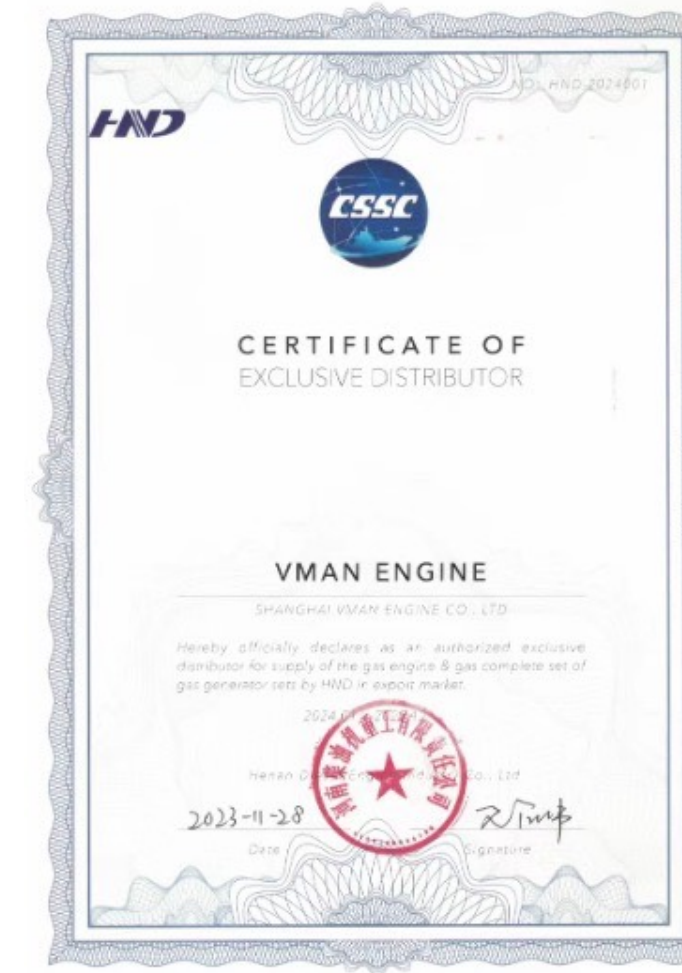
1000kW to 2000kW @ 1500rpm

From 2013 to 2025





- Postdoctoral program for national enterprises
- 8 patents for invention and many patents for improvement



HND is the largest and best engine manufacturer for Chinese Navy ships. High-speed and high-power diesel engines occupy more than 90% of the Chinese Navy ship market, Export to the Russian military market through government procurement. Currently also very famous in the Russian market.



**VMAN & HND**

**1958 - 1985**

**1958** - HND was founded in 1958.

**1985** - HND Licensed Import DEUTZ - MWM (Germany) MWM 234, MWM604 and TBD620 series technology.

**1998 - 2001**

**1998** - Got ISO 9001 and GJB/Z9001 (China Military Quality System Standard) certifications.

**2001** - Localization of 60% of engine parts.

**2006 - 2013**

**2006** - Researched and developed gas engines with based on the MWM diesel engine - TBD 620 series.

**2013** - The products include gas engines of series, CHG620V12, CHG620V16 and CHG622V20, 2 series, with outputs ranging from 1 MW to 2MW.

**2016** - VMAN team and HND began working together for the market application of gas engines.

**2020** - VMAN becomes the exclusive official distributor of HND gas power.

**2024** - VMAN and HND will sign the next cooperation agreement for a period of five years.



In 2005, HND researched and developed gas engines based on the technology of MWM TBD620 diesel engine.

At present, products include CHG622V16 and CHG622V20 series gas generator power 1MW & 2MW

- **Advanced turbocharged, intercooler, four-stroke V-type gas engine adopts the same technology as the most advanced international gas engine.**
- **V-type gas engine, cylinder arrangement with 90 ° angle easily for repairing and maintenance.**

Electrical power: 1500kW

Thermal output: 1705kW

Electrical efficiency: >41.08 %

Thermal efficiency: >46.70%

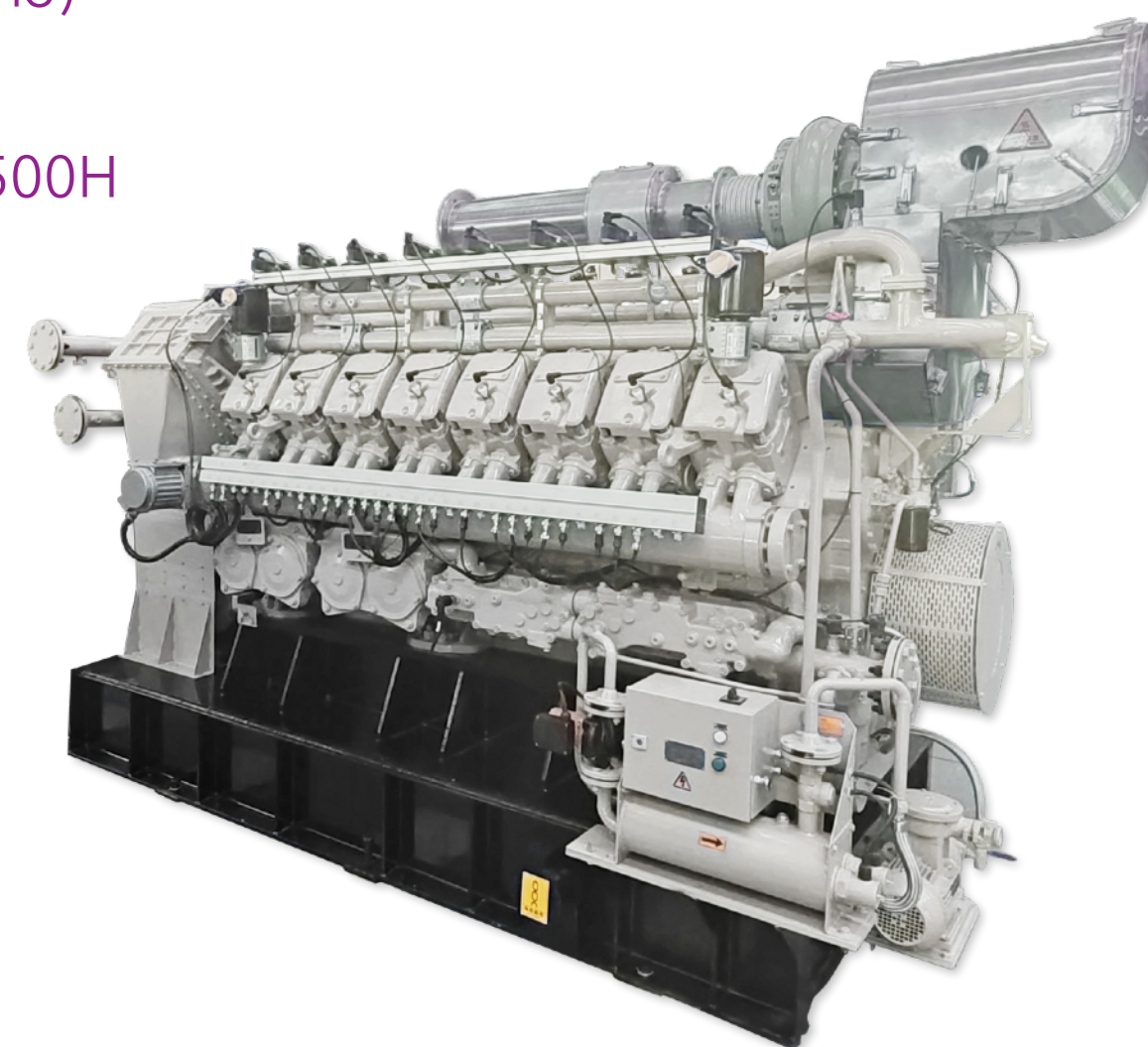
Total efficiency: >87.78 %

Gas consumption : 366 (Hu = 35.88MJ/m3)

Oil consumption rate: ≤0.25 g/kWh

First Overhaul / Maintenance : 60000H/500H

NOx (5%O2) : ≤500 mg/Nm<sup>3</sup>



Electrical power: 2000kW

Thermal output: 2215kW

Electrical efficiency: >41.3 %

Thermal efficiency: >45.75 %

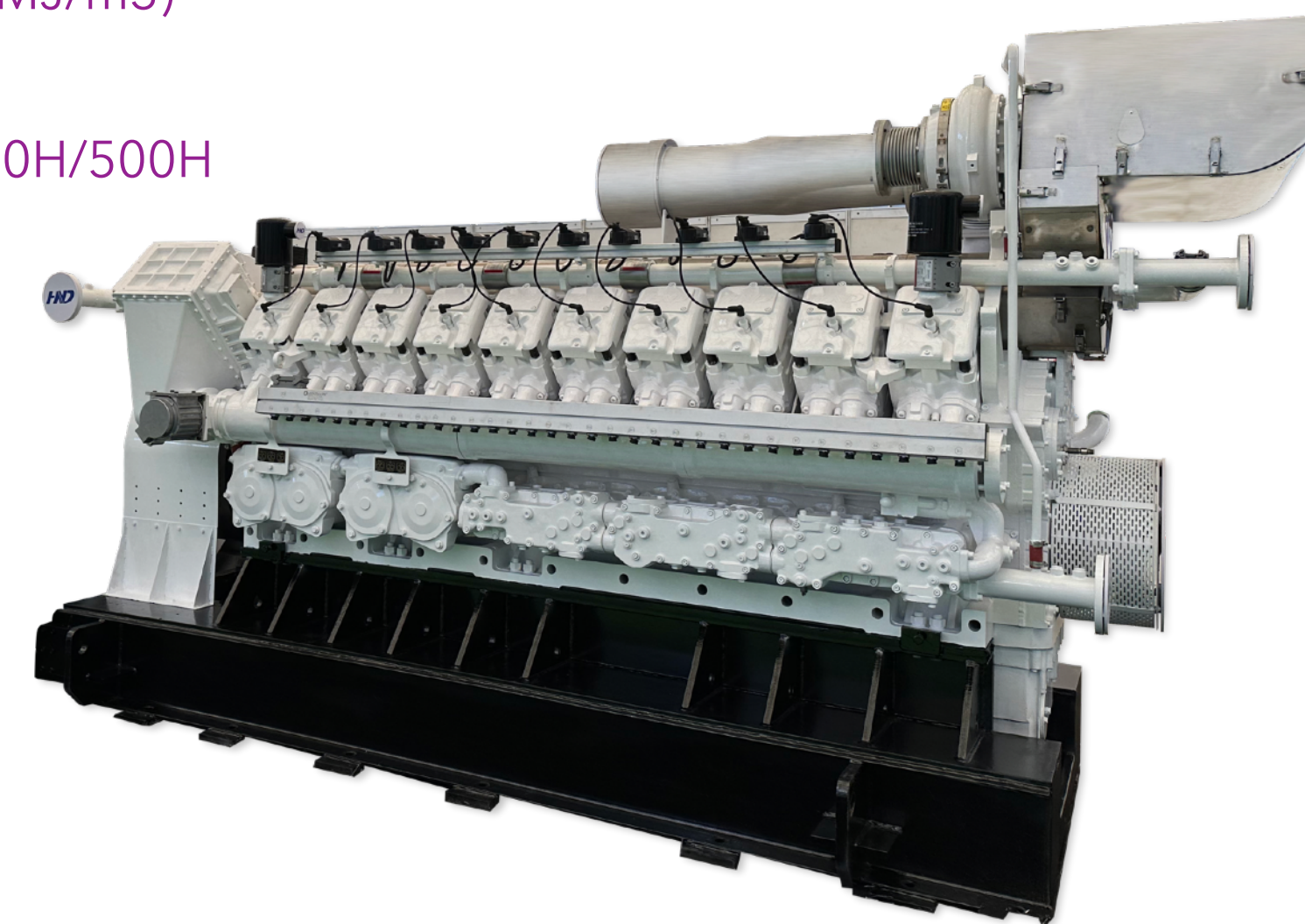
Total efficiency: >87.04 %

Gas consumption : 486 (Hu = 35.88MJ/m3)

Oil consumption rate: ≤0.25 g/kWh

First Overhaul / Maintenance : 60000H/500H

NOx (5%O2) : ≤500 mg/Nm<sup>3</sup>



# Main parts Technologies

## Engine and block:

nodular cast iron  
the tensile strength can reach 120kgf /m<sup>2</sup>, and it has good toughness.

Engine body and cylinder head are made by nodular cast iron. Strong ability to bear mechanical load.

Globular gold has less cracking effect on the metal matrix, It can make cast iron strength reach 70 ~ 90% of the matrix structure strength, the tensile strength can reach 120kgf /m<sup>2</sup>, and it has good toughness.

## Moving Parts:

42CrMoA alloy steel.  
Enhance the life of moving parts reach 100,000 hours.

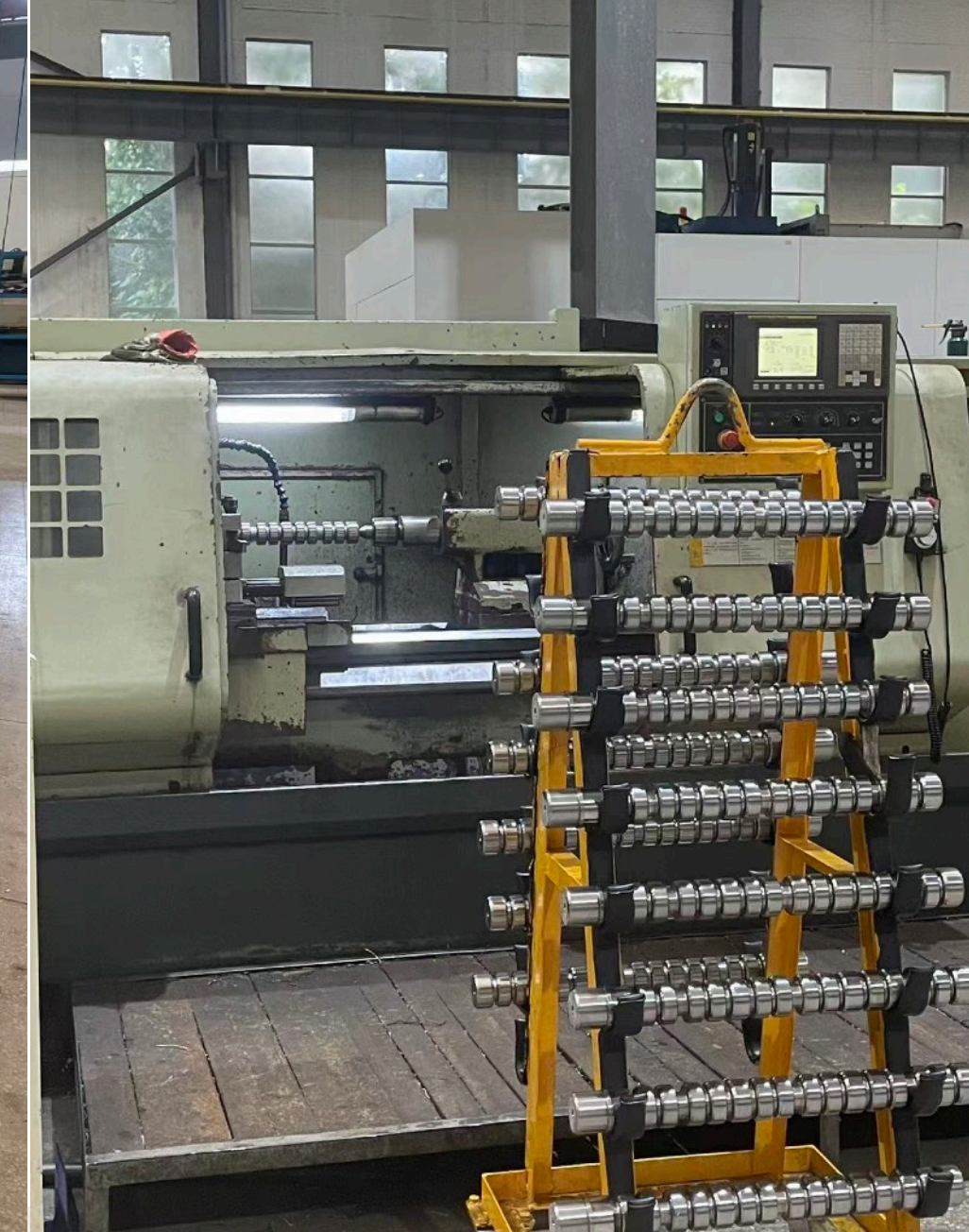
Crankshaft, camshaft and other moving parts are made of 42CrMoA alloy steel. It has a higher fatigue limit and resistance to multiple impacts after treatment, good impact toughness and outstanding wear resistance. Will adopt whole forging to retain the internal natural state of the metal, greatly improves the crankshaft strength, and enhances the crankshaft wear resistance used special heat treatment. This crankshaft will be increased more than 20% strength, enhance the life of moving parts reach 100,000 hours.

## Inlet & exhaust valves valve seats:

MAERKISCHES WERK GMBH

HND gas Engine used original imported German inlet & exhaust valves and valve seats (MAERKISCHES WERK GMBH). The service life of inlet & exhaust valves and valve seats of HND gas engines are much longer than similar domestic products. The patented rotary air valve technology is used in fitting between the intake & exhaust valve with their valve seats. Valves and valve seat are continuously grinding during the operation of engines, let sealing surface between the two always fitted, it will double extend valves life time and rejecting "pre-ignition" and "post-ignition" of the gas engines.



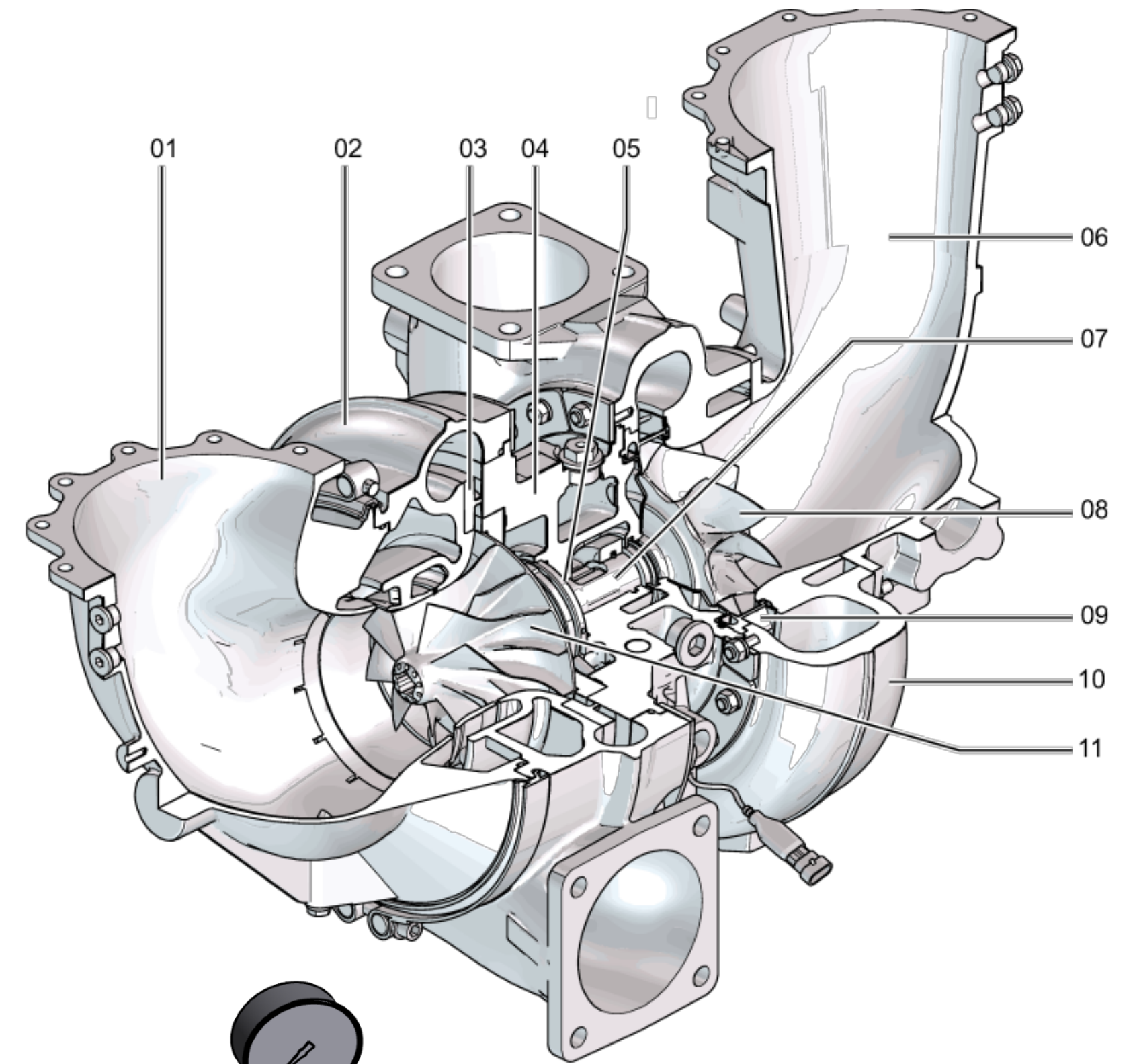


## Turbo-chargers

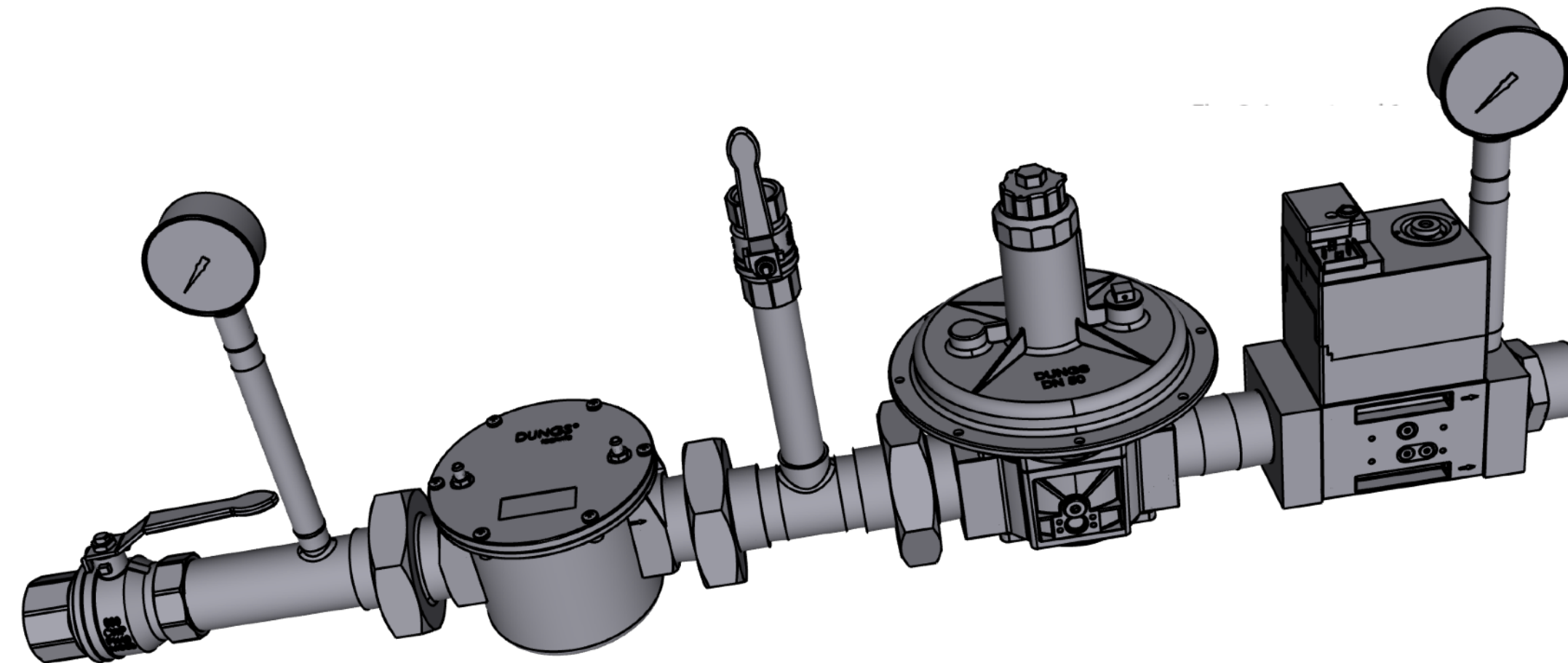
HND gas engine is equipped with two original imported ABB TPS series Turbo-chargers to provide strong power for the engine.

## Gas system (NGL): DUNGS

Gas system (NGL) includes pressure reducing valves, solenoid shut-off valves, manual shut-off valves, filters and other equipment, which are installed according to different project. The main valves of the gas transmission system adopt original German DUNGS products, DUNGS has Vibration tested combination controls Multi block and Gas Bloc according US Military Standard MIL-STD-810G/31. Worldwide support via DUNGS branches and subsidiaries in more than 50 countries.

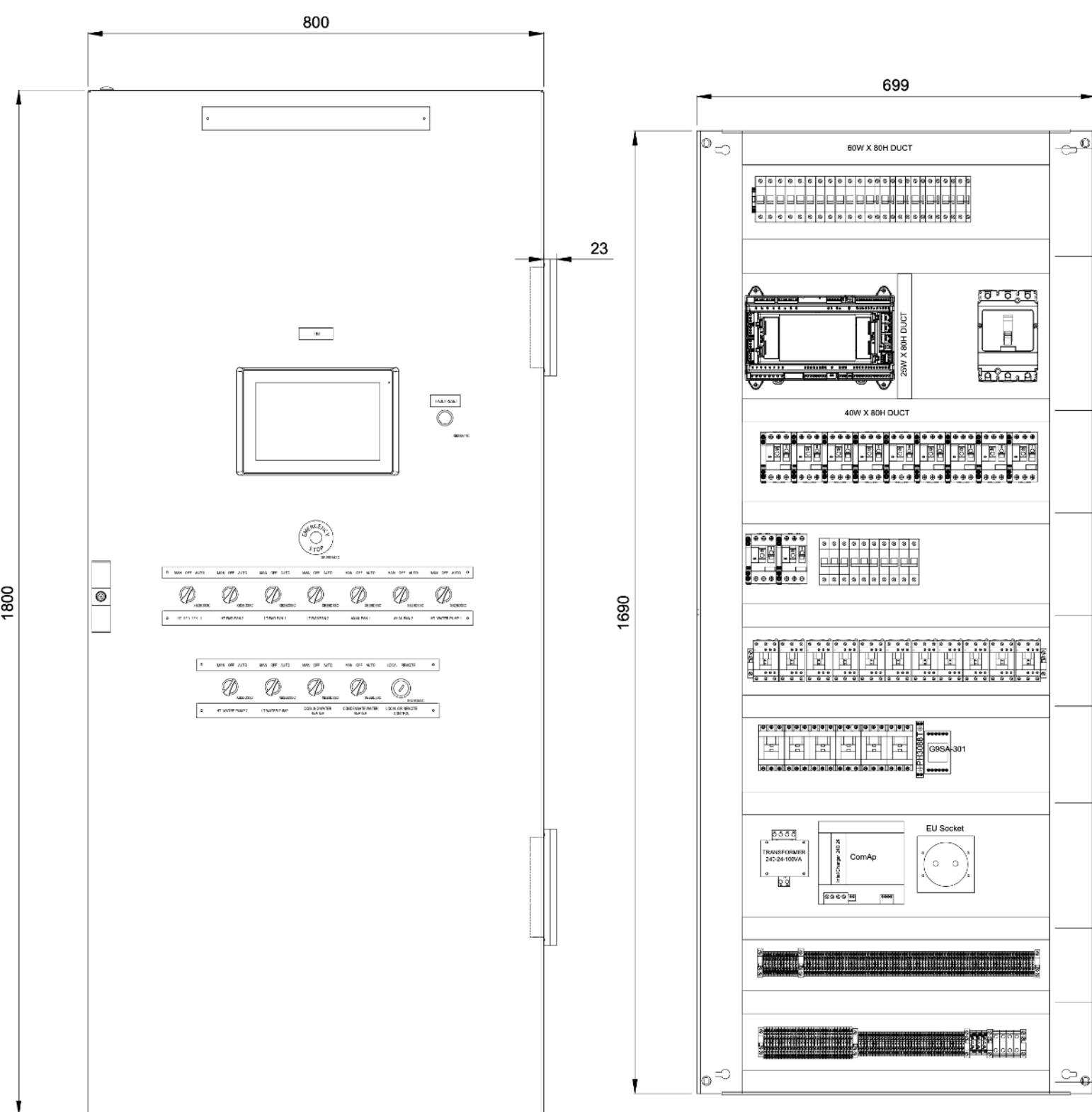


# Main parts Technologies

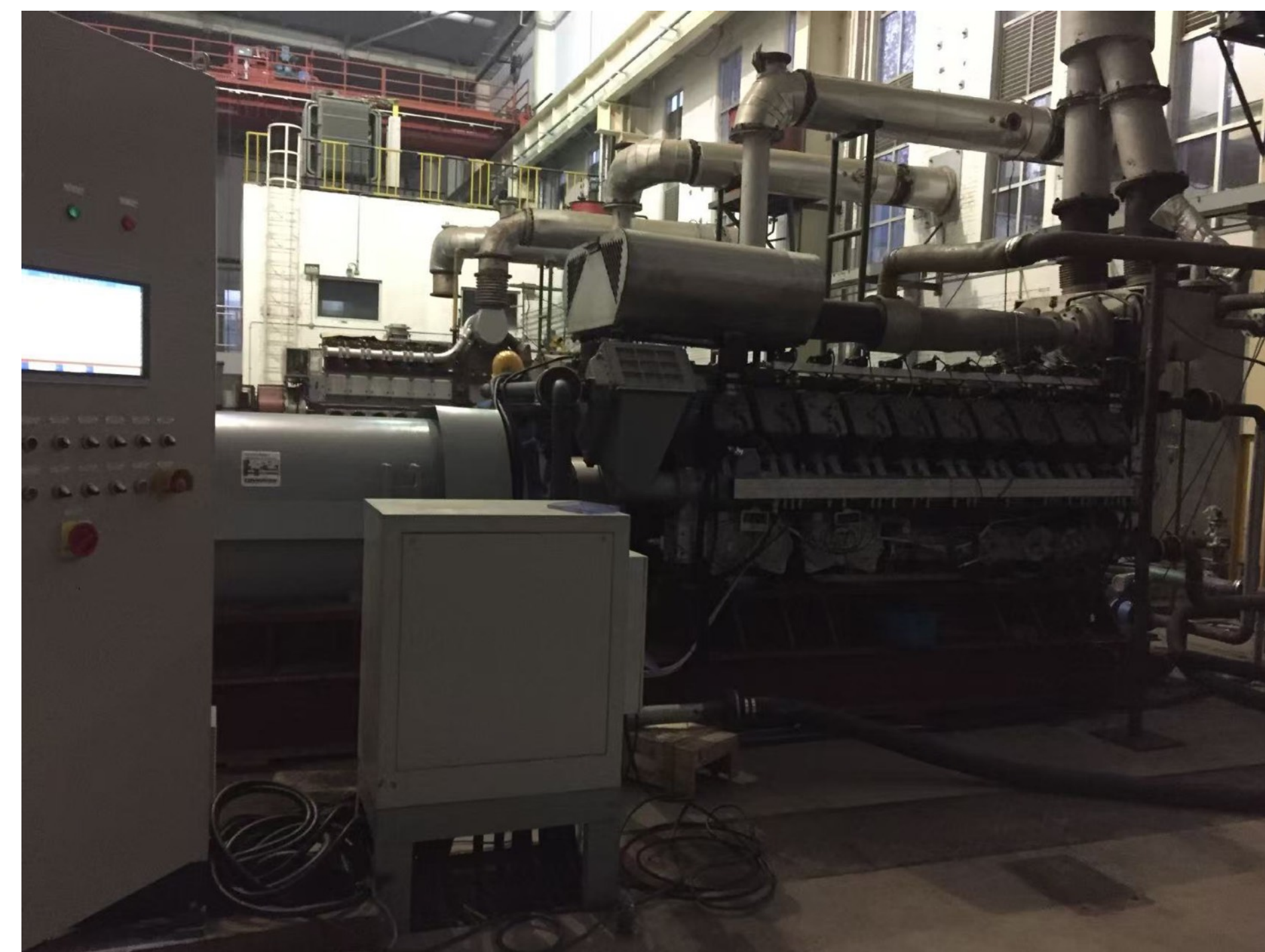




Monitoring system	Heinzmann
Ignition Controller	Heinzmann IC-20
Air-Fuel ratio control system	Heinzmann XIOS-UC2
Knock control system	Heinzmann KC-01



# Main parts Technologies



# Application

## P1500F

### series



- Assignment

Power plant production at the plant of NG-Energo LLC

- Main equipment

HND

- Power

1500 kW

- Fuel

Natural Gas

- Types of work

Delivery, installation, CMP, commissioning



# Application

## P1500F series

- Assignment

Power plant production

- Main equipment

HND

- Power

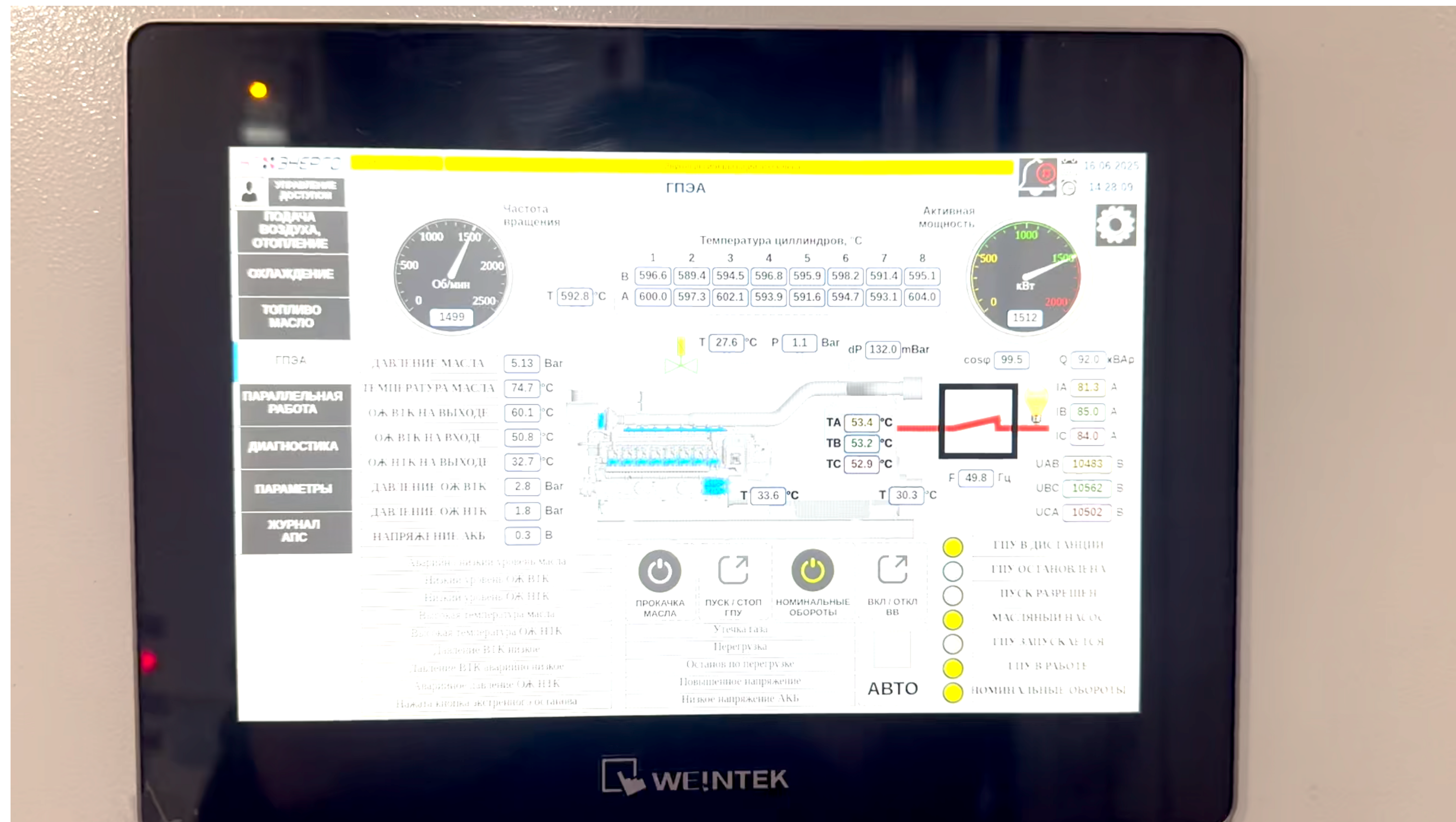
7 x 1500 kW

- Fuel

Natural Gas

- Types of work

Apr,2024, more than 8000H



# Application

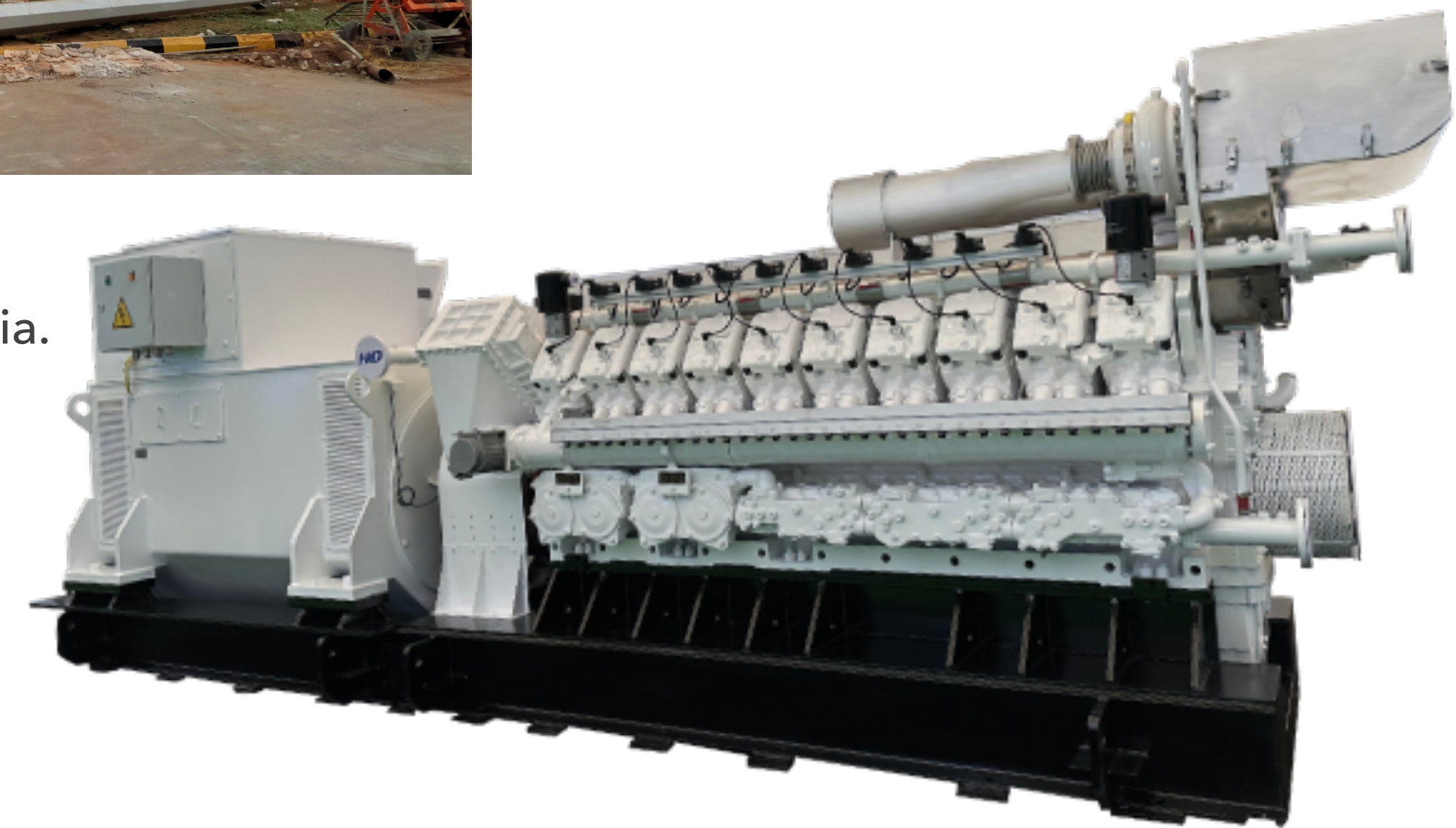
## P2000F series



2\*2MW Natural gas generating units in Nigeria.

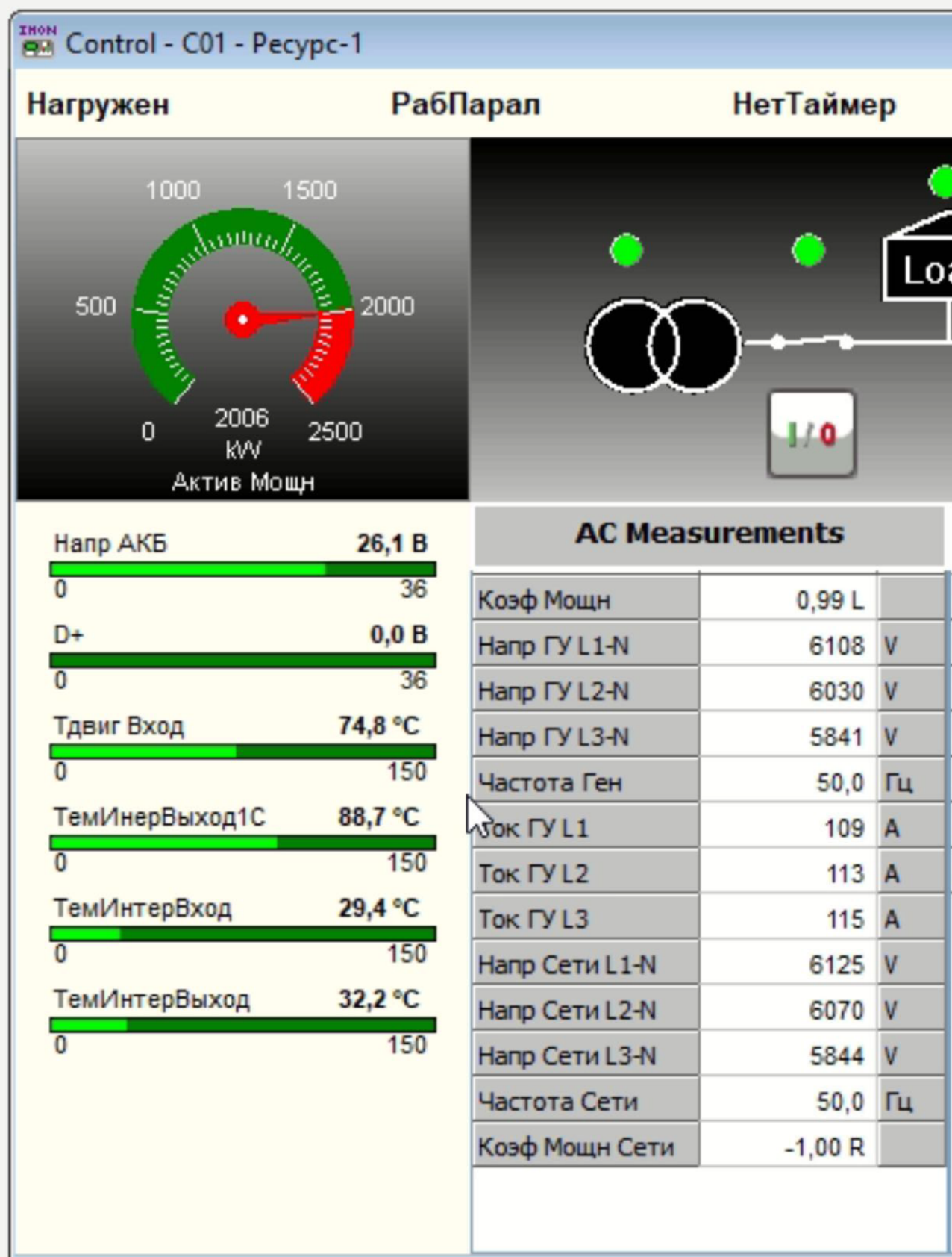
This project has three main target functions:

- Power supply for manufactory
- Waste heat is used for hot water supply
- Exhaust gas collection system (CO<sub>2</sub>)





**CSSC** 中国船舶集团有限公司  
CHINA STATE SHIPBUILDING CORPORATION LIMITED



Power plant production at the plant of TK

- Main equipment

HND 2 x 2MW

- Fuel

Natural Gas

- Types of work

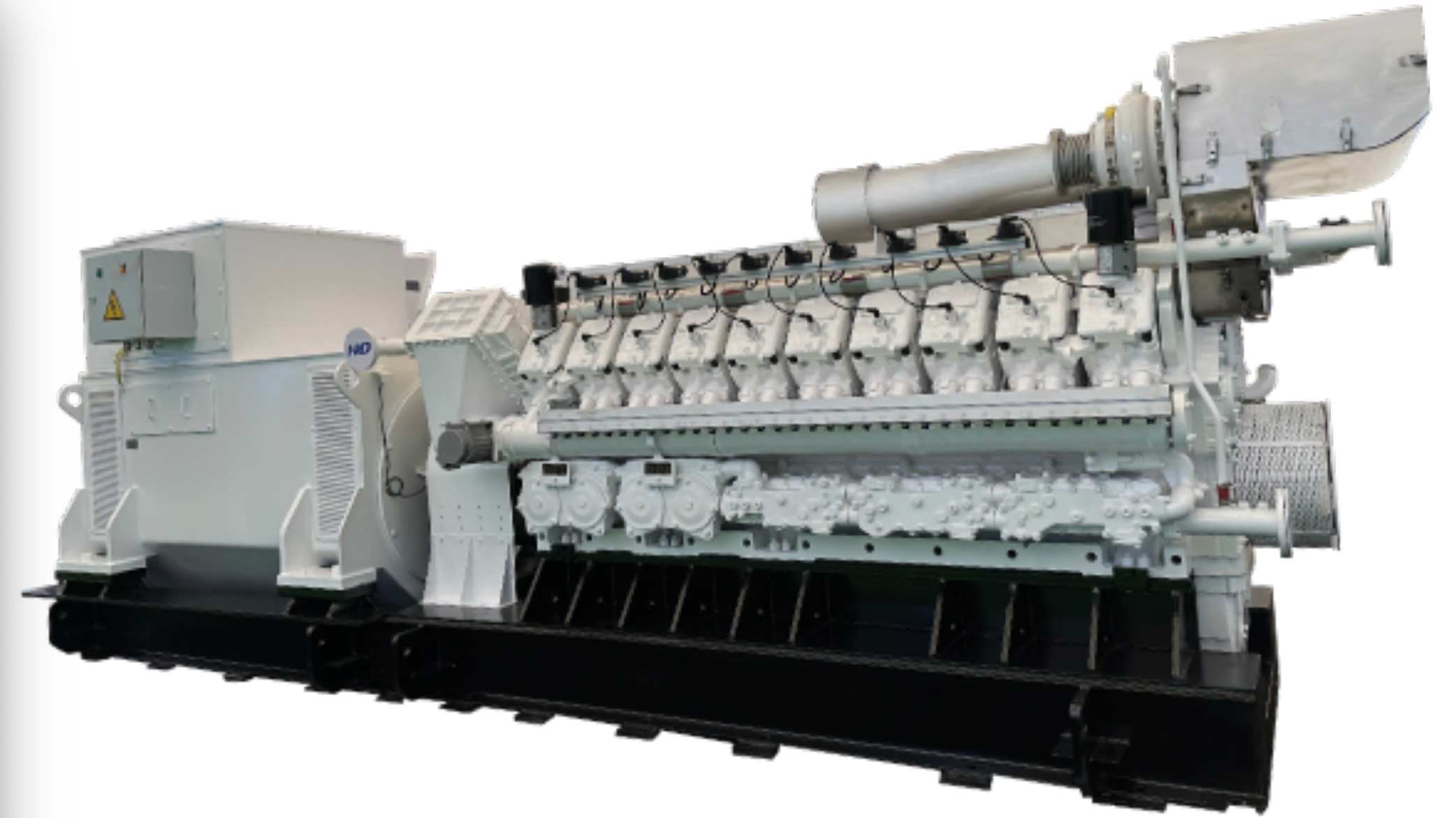
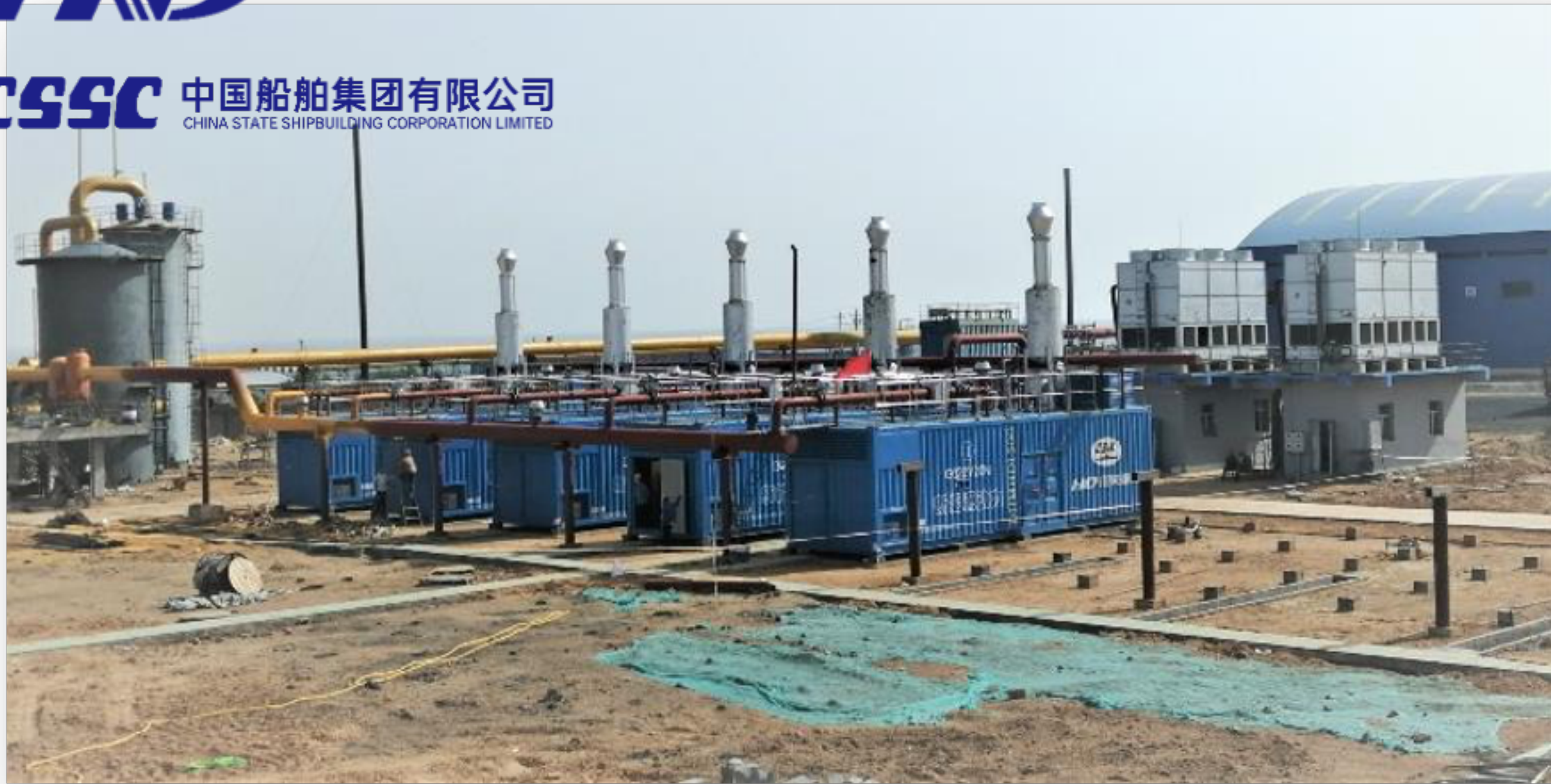
Delivery, installation, CMP, commissioning

# Application P2000F series





**CSSC** 中国船舶集团有限公司  
CHINA STATE SHIPBUILDING CORPORATION LIMITED



10 MW Methane gas power plant operating in Mongolia since 2020, in this project perform the following tasks:

- Power supply for the manufactory
- The NO<sub>x</sub> content in the exhaust must be less than or equal to 500 mg/Nm<sup>3</sup>.
- Rated Noise : ≤85dB(A) (1m)

**P2000F**  
**series**

**Application**

# Green Pearl River Project - HND Gas Engine for Marine



## GAS ENGINE MARKET STATISTICS

Nº	Name	Engine power	QTY	Installed capacity (kW)	Country	Date of contract
41	CET13 Gas Generator Set	250 kW	1	250 kW	RUSSIA	2025.05
42	CET13 Gas Generator Set	250 kW	1	250 kW	RUSSIA	2025.05
43	CET13 Gas Generator Set	250 kW	1	250 kW	RUSSIA	2025.06
44	CET13 Gas Generator Set	250 kW	2	500 kW	RUSSIA	2025.06
45	DT30 Natural Gas for Community Power Supply	500 kW	1	500 kW	UKRAINE	2025.08
46	CHG620V12 Gas Generator Set	1000 kW	1	1000 kW	RUSSIA	2025.09
47	CHG620V12 Gas Generator Set	1000 kW	2	2000 kW	RUSSIA	2025.09
48	DT15 Gas Generator Set	250 kW	2	500 kW	RUSSIA	2025.09
49	DT30 Gas Generator Set	500 kW	2	1000 kW	RUSSIA	2025.09
50	CET13 Gas Generator Set	250 kW	4	1000 kW	RUSSIA	2025.10
51	CT07 Gas Generator Set	100 kW	4	400 kW	RUSSIA	2025.11
52	DT15 Gas Generator Set	250 kW	1	250 kW	RUSSIA	2025.11
53	CET13 Natural Gas for Pharmaceutical Warehouse	250 kW	1	250 kW	UKRAINE	2026.01
54	DT15BG Biogas from Livestock Farms	250 kW	2	500 kW	THAILAND	2026.02

## GAS ENGINE MARKET STATISTICS

Nº	Name	Engine power	QTY	Installed capacity (kW)	Country	Date of contract
22	CET13 Gas Engine Power Plant	250 kW	20	5000 kW	UKRAINE	2024.04
23	CET13 Gas Engine Power Plant	250 kW	15	3750 kW	UKRAINE	2024.05
24	CET13 Gas Generator Set	250 kW	1	250 kW	RUSSIA, SAINT PETERSBURG	2024.05
25	DT30 Gas Generator Set	500 kW	1	500 kW	RUSSIA, CHELYABINSK	2024.05
26	CET13 Gas Engine Power Plant	250 kW	8	2000 kW	RUSSIA	2024.06
27	CET13 Gas Engine Power Plant	250 kW	80	20000 kW	UKRAINE	2024.06
28	DT 30 Gas Engine Power Plant	500 kW	7	3500 kW	RUSSIA	2024.06
29	CHG622V16 Gas Generator Set	1500 kW	7	10500 kW	RUSSIA, SAKHALIN	2024.06
30	CET13 Natural Gas for Computing Power	250 kW	114	28500 kW	UKRAINE	2024.09
31	DT30 Gas Generator Set	500 kW	3	1500 kW	RUSSIA, SAINT-PETERSBURG	2024.12
32	DT30 Gas Generator Set	500 kW	1	500 kW	RUSSIA	2024.12
33	DT30 Gas Generator Set	500 kW	1	500 kW	RUSSIA	2024.12
34	CT07 Gas Generator Set	100 kW	1	100 kW	RUSSIA	2024.12
35	DT30 Gas Generator Set	500 kW	1	500 kW	RUSSIA	2024.12
36	DT30 Gas Generator Set	500 kW	1	500 kW	RUSSIA	2025.02
37	DT30 Gas Generator Set	500 kW	2	1000 kW	RUSSIA	2025.03
38	DT58 Gas Generator Set	1200 kW	1	1200 kW	RUSSIA	2025.03
39	DT58 Gas Generator Set	1200 kW	1	1200 kW	RUSSIA	2025.04
40	DT30 Gas Generator Set	500 kW	5	2500 kW	RUSSIA	2025.05

## GAS ENGINE MARKET STATISTICS

Nº	Name	Engine power	QTY	Installed capacity (kW)	Country	Date of contract
1	CHG622V16 Gas Generator Set	1500 kW	1	1500 kW	RUSSIA	2023.03
2	CHG622V16 APG Gas Generator Set	1500 kW	1	1500 kW	RUSSIA	2023.03
3	CET13 Gas Generator Set	250 kW	12	3000 kW	RUSSIA, IRKUTSK	2023.03
4	DT30 Gas Engine Power Plant	500 kW	10	5000 kW	RUSSIA	2023.03
5	CET13 Gas Generator Set	250 kW	2	500 kW	RUSSIA, SAINT-PETERSBURG	2023.04
6	DT30 Gas Generator Set	500 kW	2	1000 kW	RUSSIA	2023.04
7	CHG620V12 Gas Engine Power Plant	1000 kW	4	4000 kW	RUSSIA	2023.05
8	DT30 Gas Engine Power Plant	500 kW	8	3000 kW	RUSSIA	2023.06
9	CHG622V20 Gas Engine Power Plant	2000 kW	5	10000 kW	RUSSIA	2023.07
10	CHG620V12 Gas Generator Set	1000 kW	2	2000 kW	RUSSIA	2023.07
11	DT30 Gas Generator Set	500 kW	1	500 kW	RUSSIA	2023.08
12	CET13 Gas Generator Set	250 kW	1	250 kW	RUSSIA	2023.08
13	CET13 Gas Generator Set	250 kW	1	250 kW	RUSSIA	2023.08
14	CET13 Gas Engine Power Plant	250 kW	25	6250 kW	UKRAINE	2023.08
15	CHG620V16 Gas Engine Power Plant	1500 kW	2	3000 kW	RUSSIA	2023.09
16	CHG620V12 Gas Generator Set	1000 kW	1	1000 kW	RUSSIA	2023.09
17	CHG622V20 Gas Generator Set	2000 kW	1	2000 kW	RUSSIA, ROSTOV	2023.12
18	CET13 Gas Generator Set	250 kW	2	500 kW	RUSSIA, YAROSALVL	2023.12
19	CHG620V12 Gas Generator Set	1000 kW	2	2000 kW	RUSSIA	2024.01
20	CHG622V20 Gas Generator Set	2000 kW	2	4000 kW	RUSSIA	2024
21	CHG622V20 Gas Generator Set	2000 kW	4	8000 kW	RUSSIA, SAMARA	2024.01

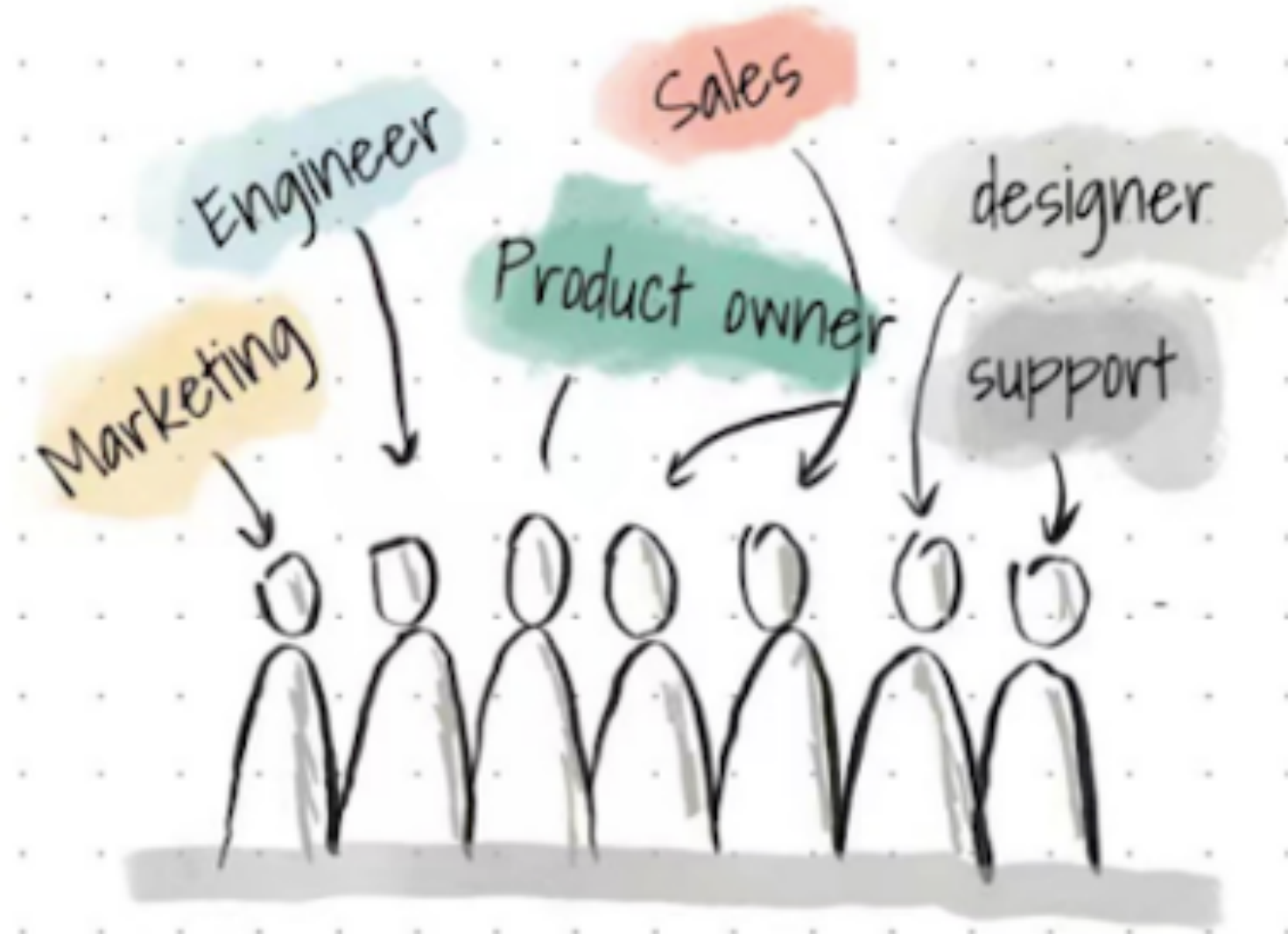
# Our Service



7 x 24 hours Cloudy service



On site commission training



VMAN Export team

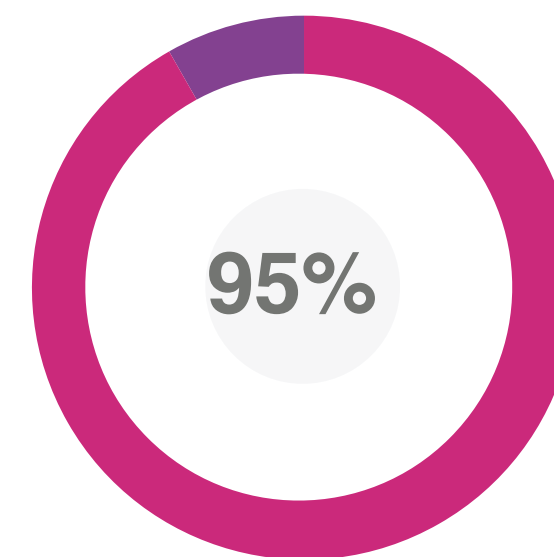


Customizable colors & OEM engine

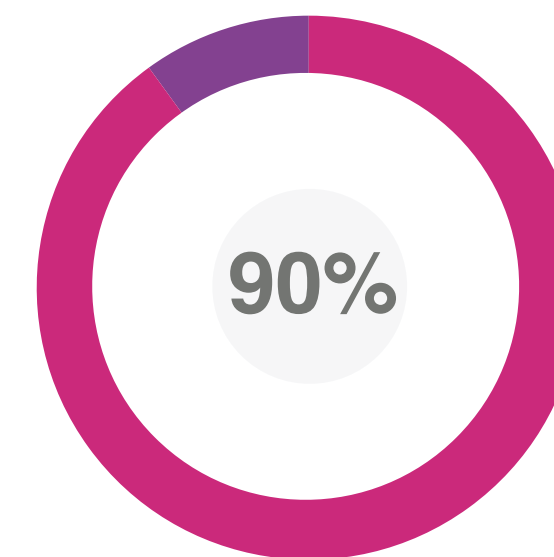


After-service Training Center

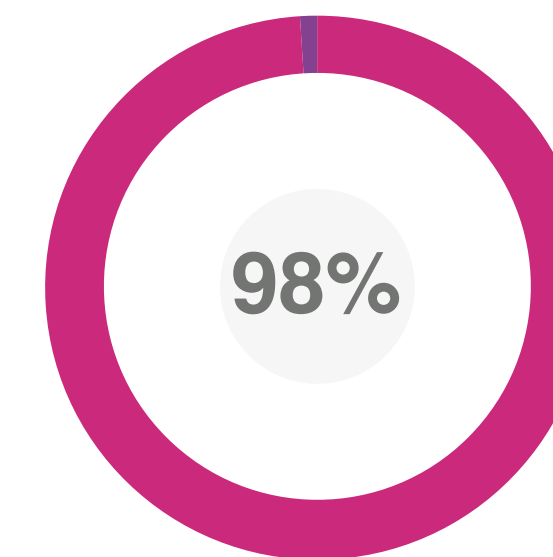
- We focus on full life cycle management of engine, not just sales, also including commission, maintenance and overhaul



ON time delivery



Satisfaction



Claim resolution within 48 hours

# Marketing

2018-2025 MEE EXHIBITOR



2017-2025 CANTON FAIR



2017-2025 G-POWER EXHIBITION



# Marketing

EPI EXHIBITION IN INDONESIA 2023



EPI EXHIBITION IN INDONESIA 2024

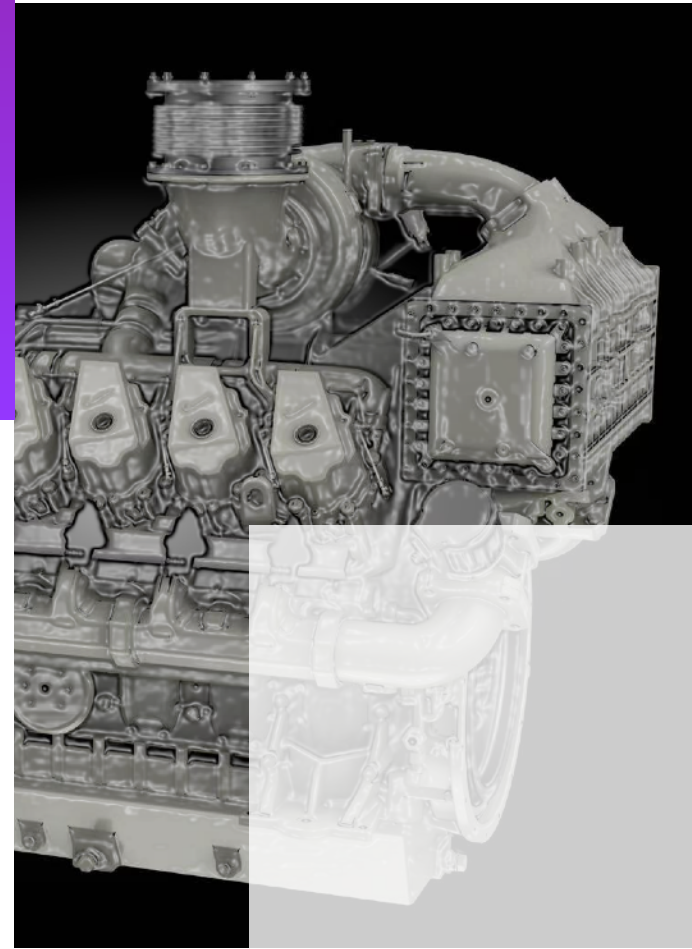


PLANNING  
POWER-GEN USA 2028  
BAUMA GERMEN 2027

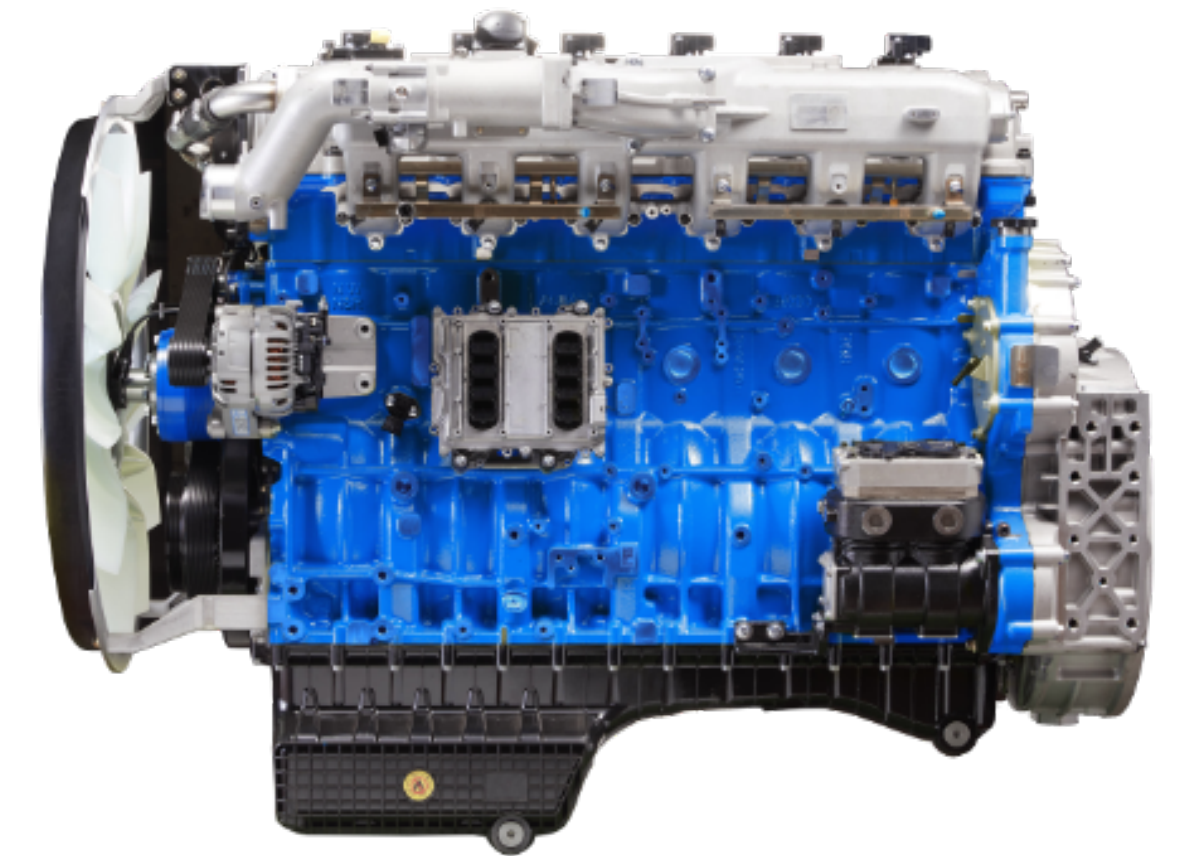


POWER EXHIBITION IN VIETNAM  
2021-2025

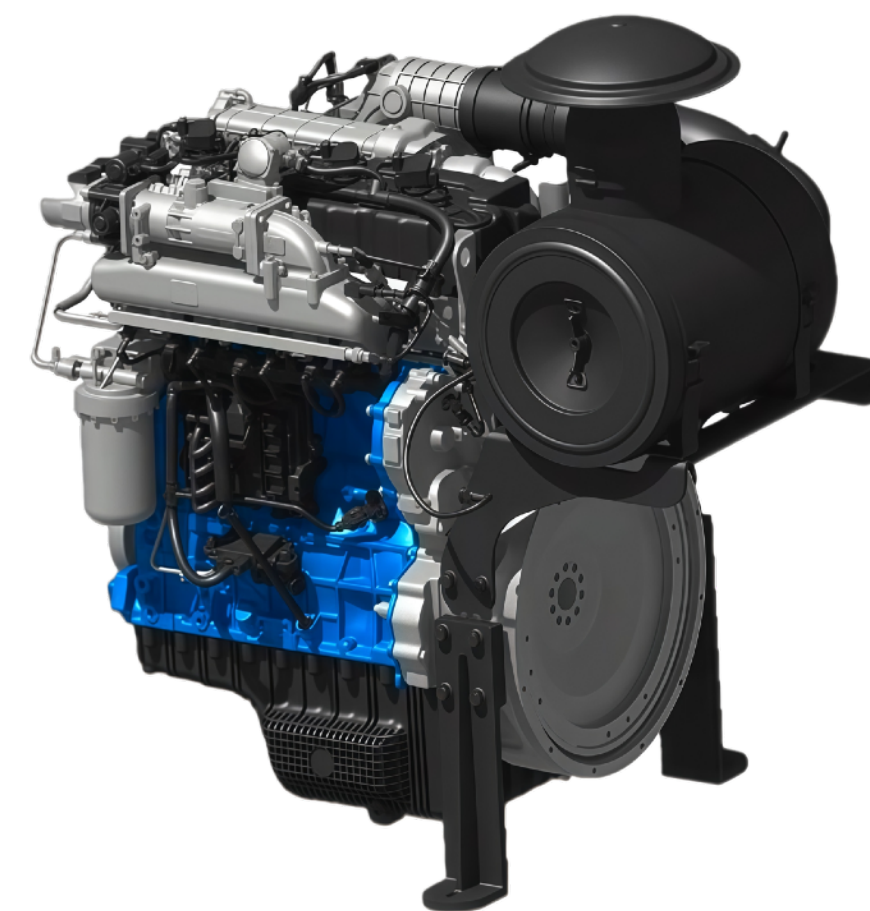
# Our Strategies



- 1 GET Euro 5 certification for CE series & DE 58 series
- 2 GET EPA certification for CE series & Gas Engine
- 3 Extend Gas engine up to 2MW
- 4 Methanol Engine HMM06/13 Series



Marine 400HP &  
Power genset COP 250kWE





ANY QUESTIONS?

“

THANK YOU

”