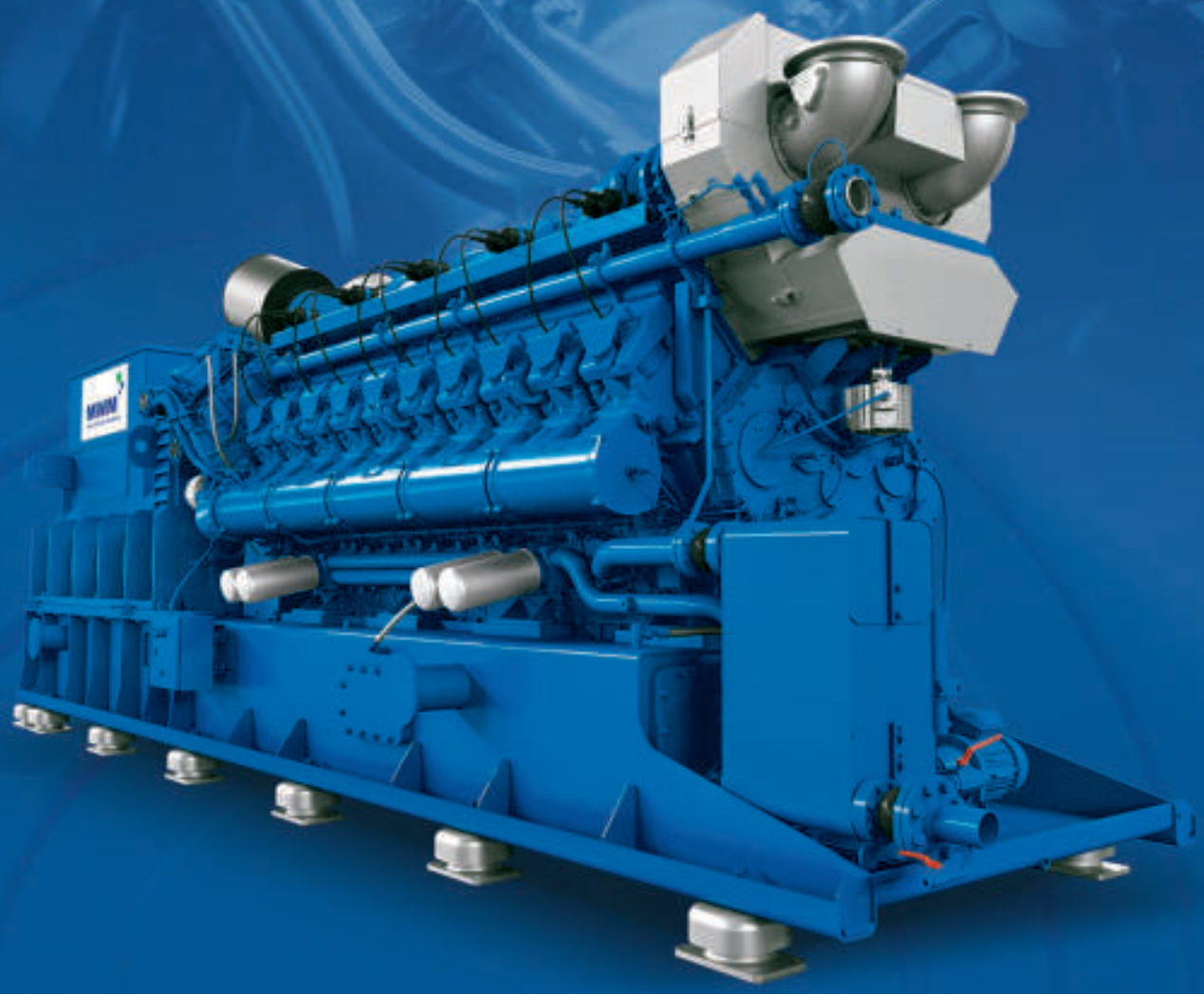
ILTEKNO



ADVANCED **TECHNOLOGY**
POSITIVE ENERGY

AFTER SALES

iltekno.com

With our **advanced technology**
solutions and superior service quality,
we provide **positive energy**
for a sustainable future
across the globe.

ADVANCED **TECHNOLOGY**
POSITIVE ENERGY

iLTEKNO

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İLTEKNO

İltekno, as one of the five subsidiaries of **Enso Holding**, prioritizes customer satisfaction while providing engineering, design, procurement, installation, commissioning, and after-sales services.

With over 350 projects completed in 25 countries across 4 continents, it has achieved an installed capacity exceeding 2.400 MW.
İltekno specializes in electricity generation, offering a comprehensive range of solutions including cogeneration (CHP) and trigeneration (CCHP) plants. The company designs and implements power generation systems that utilize fossil fuels like natural gas as well as renewable gases such as biogas, wastewater treatment plant (WWTP) gas, and landfill gas. Additionally, builds HFO and diesel power plants. The company also offers advanced power plant automation systems and solar power plants. In 2020, **İltekno** was authorized as **'Recognized Solutions Provider'** by **MWM**.

In 2021, **İltekno** expanded its portfolio by venturing into solar energy projects, successfully developing over 350 MW of capacity and installing solar power plants exceeding 45 MW. With 35 years of expertise, the company specializes in maintenance and commissioning services for power plants. Its globally distributed workshops and warehouses ensure rapid and efficient after-sales support. Furthermore, **İltekno** has partnered with Petrol Ofisi to become the exclusive distributor of **Texaco** gas engine oils and antifreeze, one of the world's leading brands, for Türkiye and Cyprus.

ENSO HOLDİNG

ADVANCED **TECHNOLOGY**
POSITIVE ENERGY

iltekno.com

ENERGY MEETS THE WORLD

From our headquarters in İstanbul, İltekno delivers comprehensive solutions for project design, implementation, and commissioning. With factories, project sites, and a service - maintenance network spanning various regions, we bring our positive energy to the global stage.

Offices

- İstanbul, Türkiye - 1.000 m²
- Amsterdam, Netherlands - 100 m²
- Tashkent, Uzbekistan - 250 m²
- Tunis, Tunisia - 50 m²

Factories

- **Kocaeli, Türkiye:** Container Production Facility (2,000 m² indoor + 2,000 m² outdoor area)
- **Kocaeli, Türkiye:** Service and Automation Facility (2,000 m² indoor area + 800 m² office space)
- **Gaziantep, Türkiye:** Service, Maintenance and Stock Center (550 m² indoor area)
- **Tashkent, Uzbekistan:** Service, Maintenance and Stock Center (900 m² indoor area)

MWM Energy. Efficiency. Environment.

MAN

Solution Partner Automation Drives SIEMENS

TEXACO

South America

Guyana
Bonaire
Barbados

ISO 9001:2015 ISO 14001:2015 ISO 45001:2018

İLTEKNO

4 CONTINENTS

25 COUNTRIES

350 PROJECTS

OVER
2.400 MW
INSTALLED CAPACITY

Europe
United Kingdom
Bulgaria
Serbia
Ukraine

İltekno Europe B.V.
Netherlands

Asia
Headquarters
Türkiye

Iraq
Pakistan
Jordan
Georgia
Cyprus
Palestine
Kazakhstan

Branch / Service
Uzbekistan

Africa
Sierra Leone
Nigeria
Egypt
Mauritania
Algeria

Branch / Service
Guinea
Tunisia

AFTER-SALES SERVICES

İltekno Service Department, backed by an experienced team authorized by MWM and a strong commitment to customer satisfaction, delivers uninterrupted and high-quality service for MWM gas engines through our 11 service points worldwide.

Our service quality has been certified with the highest scores through success certificates awarded based on evaluations conducted among MWM's distributors worldwide.

Long Term Service Agreements

İLTEKNO, with its long term service agreements (LTSA), offers you advantageous prices for both service and periodic maintenance by carrying out all the necessary maintenance with its authorized and experienced personnel within the contract period in order to get optimum efficiency from your engine. It provides priority service to its contracted customers in case of possible breakdowns and it always provides remote support when needed. You can easily conduct your financial feasibility with these contracts and can benefit from the advantages of being contracted.

Spare Parts Supply

İLTEKNO, the authorized distributor of MWM, while providing original spare parts supply and procurement services to its customers from all over the world, ensures spare parts delivery to its customers in the fastest way through its warehouses in Dilovası and Gaziantep and Tashkent with its continuity and wide stock that it has established in line with its experience within the sector. ILTEKNO as an exclusive distributor of TEXACO also supplies gas engine oils and antifreezes to its customers.

Commisionning Services

Testing and commissioning is the process of carrying out field tests of all systems in accordance with the procedures, bringing all devices into operation and commissioning the facility. It is the last stage of implementing a project. The more accurately this stage is performed, the healthier the next process will be.

Being aware of this,İLTEKNO has been successfully providing commissioning services both at home and abroad for years with its experienced, trained and certified expert engineers & technicians.

Our goal is to transfer our experience we have gained over many years to the projects, to combine our knowledge with the needs of our customers and to apply them to the system, and to deliver the system to our customers in a smooth and working condition.

Regular Maintenance & Repair Services

Regular Maintenances are activities that should be carried out regularly, extending the life of the relevant systems, reducing the risk of malfunction and ensuring that the relevant systems operate at optimum efficiency. İLTEKNO provides maintenance services to its customers both on-site and in its workshops located in 2 different locations, with its trained and competent staff, who are experts in their field, especially with experience in terms of “Major overhaul”, in line with MWM guidelines and its experience within the sector.

It provides quality and fast service in the shortest time in case of a breakdown, either remotely or on site, with its expert and wide technical staff, special equipment and high tool-equipment capacity. With its service structuring in different locations, it provides any and all kinds of technical support that its customers need in their operational activities and aims for its customers to gain maximum profit from the respective systems.

Training & Consultancy

In order for its customers to benefit from the relevant systems in an optimum way, İLTEKNO ensures the acquisition of sustainable operational activities and increases the operational capability of the power plants by sharing its know-how with the trainings it provides both in the sites of its customers and in its own facilities. It aims to establish technical staff that can provide maximum efficiency / outcome from the systems by supporting the technical knowledge gained in the field of gas engines and cogeneration / trigeneration systems with practical training through the theoretical trainings it provides.

Remote Monitoring Service

İLTEKNO provides remote monitoring services to its customers with its trained, competent and experienced personnel. In line with the requests from the customers or with the remote connections made during routine controls, İLTEKNO can detect malfunctions before they occur, solve the malfunctions and intervene to increase system efficiency. By doing so, it is ensured that the costs arising from both malfunction and downtime are minimized. In case of malfunctions that require on-site intervention, our teams go to the site with the spare parts determined with remote monitoring and thus, fast solutions can be provided.

Telephone Support

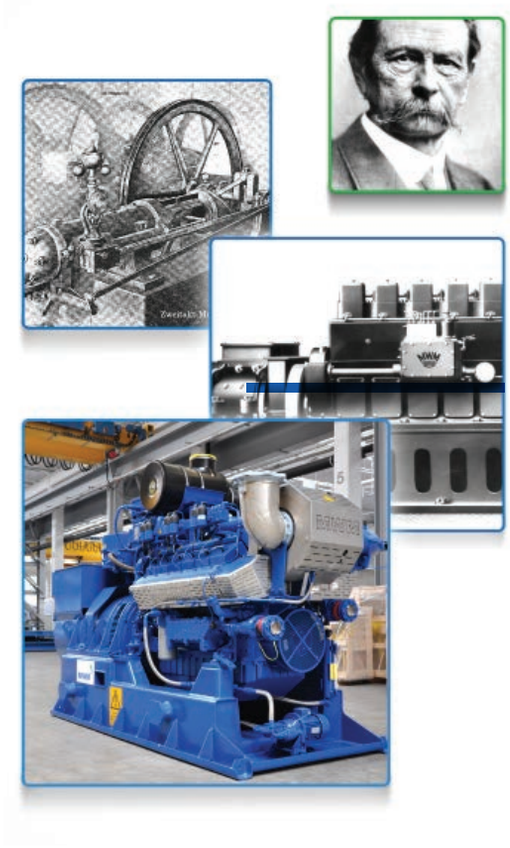
İLTEKNO offers its customers technical telephone support with its expert staff, which is one of the fastest communication channels, and provides its best contribution in order to quickly resolve problems related to the plant.

MWM
Energy. Efficiency. Environment.

Major Brand With **150 Years of Experience** in Distributed Energy Generation

150 years of continuous innovation

Since 1871, we have been developing and producing sustainable gas engines and gensets in Mannheim. With its MWM brand, Caterpillar Energy Solutions can look back on a tradition more than 150 years old, always guided by the pioneer spirit of our founders, Carl Benz and August Ritter. The enthusiasm and innovative strength of our engineers have always continued to yield new cutting-edge solutions. They contributed to MWM's becoming what it is today, one of the leading and most renowned brands in the field of gas engines and gensets.



We thus continued to improve the output rating, efficiency and reliability of the MWM cogeneration systems and gas engines that are distributed from Mannheim throughout the globe today. The result: We have become one of the world's leading suppliers of highly efficient and eco-friendly complete systems for distributed energy and heat generation (combined heat and power, cogeneration systems).

With our deep understanding of the entire value chain, we are a reliable partner in the development of customized and efficient energy solutions.

MWM
Energy. Efficiency. Environment.

Energy on a new level.

Efficient, eco-friendly solutions for decentralized energy generation.

TCG 3016

Robust. Efficient. Digital

Developed from scratch, this series features greatly reduced operating and installation costs and a fully digitized power plant control.

TCG 3020

The all-round talent

State-of-the-art technology ensures improved performance and efficiency along with a compact design and focus on flexibility. Equipped with the smart and secure TPEM (Total Plant & Energy Management) control, the new TCG 3020 series delivers maximum profitability and reliability.

TCG 2032

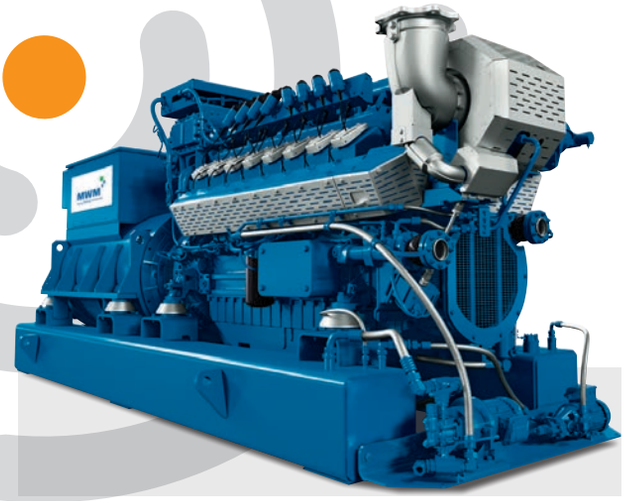
Available, reliable, uncomplicated

Along with low installation costs. All gas types: natural gas, landfill gas, sewage gas, mine gas, coking gas, biogas. Especially for large IPP projects with up to 100 MW_{el}.

TPEM. The door to the digital age.

- ✓ Reliable system monitoring and control, also via remote access
- ✓ Used in the new series for all numbers of cylinders and all designs, with a wide range of functions
- ✓ Ensures high profitability through an expanded product scope, standardized hardware, and quick, guided commissioning
- ✓ Ready for quick and easy scaling

TCG 3016



Robust. Efficient. Digital.

The TCG 3016 is the first of a new generation: State-of-the-art components and the TPEM (Total Plant & Energy Management) control ensure maximum reliability and availability. The improved oil management and optimized cylinder and turbo chargers set new standards in terms of durability and reliability.

Technical data 50 Hz

Engine type		TCG 3016	V08	V12	V16	V16
Bore/stroke		mm	132/160	132/160	132/160	132/160
Displacement		dm^3	17.5	26.3	35.0	35.0
Speed		min^{-1}	1,500	1,500	1,500	1,500
Mean piston speed		m/s	8.0	8.0	8.0	8.0
Length [1]		mm	3,100	3,830	4,200	4,200
Width [1]		mm	1,780	1,780	1,780	1,780
Height [1]		mm	2,150	2,150	2,150	2,150
Dry weight genset		kg	5,720	7,000	8,070	8,560

Natural gas applications

$NO_X \leq 500$ mg/Nm^3 [2]

Engine type		TCG 3016	V08	V12	V16	V16
Configuration			P[5]	P[5]	P[5]	S[6]
Electrical power [3]		**kW**	**400**	**600**	**800**	**1,000**
Mean effective pressure		bar	18.9	18.9	18.8	23.5
Thermal output [4]	±8%	kW	404	617	819	1,123
Electrical efficiency [3]		%	43.1	43.4	43.6	41.5
Thermal efficiency [3]		%	43.6	44.6	44.6	46.6
Total efficiency [3]		%	86.7	88.0	88.2	88.1

Biogas applications

$NO_X \leq 500$ mg/Nm^3 [2]
Sewage gas (65% CH_4 / 35% CO_2)
Biogas (60% CH_4 / 32% CO_2, Rest N_2)
Landfill gas (50 % CH_4 / 27% CO_2, Rest N_2)

Minimum heating value H_U = 5.0 kWh/Nm^3

Engine type		TCG 3016	V08	V12	V16
Configuration			X[7]	X[7]	X[7]
Electrical power [3]		**kW**	**400**	**600**	**800**
Mean effective pressure		bar	18.9	18.9	18.8
Thermal output [4]	±8%	kW	394	598	790
Electrical efficiency [3]		%	42.8	42.9	43.2
Thermal efficiency [3]		%	42.2	42.8	42.7
Total efficiency [3]		%	85.0	85.7	85.9

1) Transport dimensions for gensets, components set up separately must be taken into consideration.
2) $NO_x \leq 500$ mg/Nm^3; exhaust gas dry at 5% O_2.
3) According to ISO 3046-1 at U = 0.4 kV, cosphi = 1.0 for 50 Hz, a minimum methane number of MN 70 (V08, V12, V16) and MN 80 (V16 Configuration S) for natural gas and MN 134 (sewage gas) for biogas applications.
4) Exhaust gas cooled to 120 °C for natural gas and 150 °C for biogas.
5) P = High Efficiency. Optimized for high electrical efficiency.
6) S = High Density. Increased power density.
7) X = Biogas. Optimized for operation with biogases.

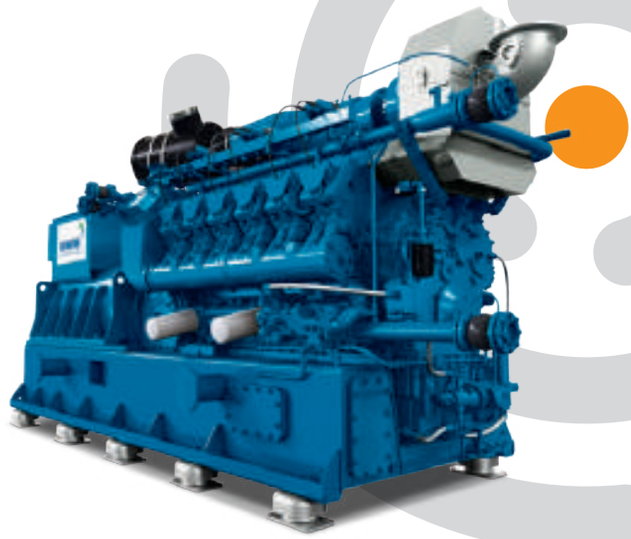
Data for special gases and dual gas operation on request.

The values given on these datasheets are for information purposes only and not binding. The information given in the offer is decisive.

TCG 2020

Our experience for your success.

The TCG 2020. Top performance from MWM - used successfully worldwide.
For natural gas and biogas with an output from 1,000 to 1,560 kWel
Top marks for ecology and economy.



Technical data 50 Hz

Engine type	TCG 2020	V12	V12 K1	V12 K	V12	V16 K	V16
Bore/stroke	mm	170/195	170/195	170/195	170/195	170/195	170/195
Displacement	dm^3	53.1	53.1	53.1	53.1	70.8	70.8
Speed	min^{-1}	1,500	1,500	1,500	1,500	1,500	1,500
Mean piston speed	m/s	9.8	9.8	9.8	9.8	9.8	9.8
Length [1]	mm	4,660	4,660	4,790	4,790	5,430	5,430
Width [1]	mm	1,810	1,810	1,810	1,810	1,810	1,810
Height [1]	mm	2,210	2,210	2,210	2,210	2,210	2,210
Dry weight genset	kg	11,200	11,200	11,700	11,700	13,300	13,300

Natural gas applications

NO_x ≤ 500 mg/Nm^3 [2]

Engine type	TCG 2020	V12	V12 K1	V12 K	V12	V16 K	V16
Configuration		RW[5]	KW[6]	K[7]	R[8]	K[7]	R[8]
Electrical power [3]	**kW**	**1,000**	**1,000**	**1,125**	**1,200**	**1,500**	**1,560**
Mean effective pressure	bar	15.5	15.5	17.4	18.6	17.5	18.1
Thermal output [4] ±8%	kW	1,056	1,191	1,267	1,189	1,688	1,576
Electrical efficiency [3]	%	43.0	40.0	40.7	43.7	40.8	43.3
Thermal efficiency [3]	%	45.4	47.6	45.8	43.3	45.9	43.8
Total efficiency [3]	%	88.4	87.6	86.6	87.0	86.7	87.1

Biogas applications

NO_x ≤ 500 mg/Nm^3 [2]
Sewage gas (65% CH_4 / 35% CO_2)
Biogas (60% CH_4 / 32% CO_2, Rest N_2)
Landfill gas (50 % CH_4 / 27% CO_2, Rest N_2)

Engine type	TCG 2020	V12	V12	V16
Configuration		XW[9]	X[10]	X[10]
Electrical power [3]	**kW**	**1,000**	**1,200**	**1,560**
Mean effective pressure	bar	15.5	18.6	18.1
Thermal output [4] ±8%	kW	1,035	1,192	1,566
Electrical efficiency [3]	%	42.6	43.0	42.7
Thermal efficiency [3]	%	44.1	42.7	42.9
Total efficiency [3]	%	86.7	85.7	85.6

1) Transport dimensions for gensets, components set up separately must be taken into consideration.
2) NO_x ≤ 500 mg/Nm^3; exhaust gas dry at 5% O_2.
3) According to ISO 3046-1 at U = 0.4 kV, cosphi = 1.0 for 50Hz and a methane number of MN 80 (TCG 2020) or MN 70 (TCG 2020K) for natural gas.
4) Exhaust gas cooled to 120 °C for natural gas and 150 °C for biogas.
5) RW = High Response for Requested Power. Optimized for high total efficiency at requested power.
6) KW = Robustness for Requested Power. Optimized for robustness and low CAPEX at requested power.
7) K = Robustness. Optimized for robustness and low CAPEX.
8) R = High Response. Optimized for high total efficiency.
9) XW = Biogas for Requested Power. Optimized for operation with biogases at requested power.
10) X = Biogas. Optimized for operation with biogases.

Data for special gas and dual gas operation on request.
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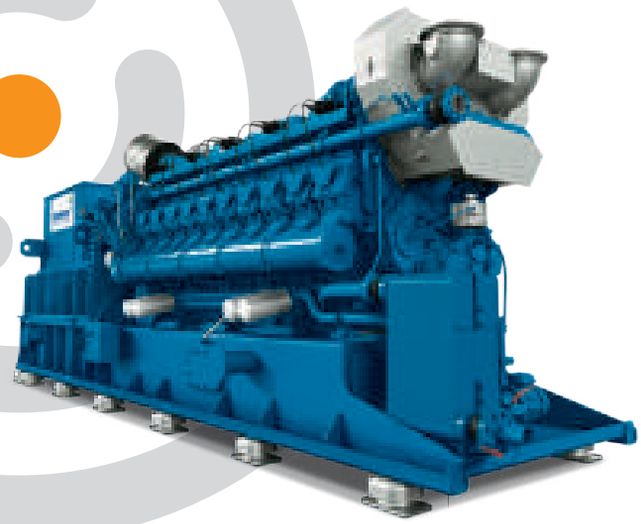
TCG 3020



Flexible in application. Consistent in efficiency.

State-of-the-art components providing more power: the compact design, a focus on a wide range of applications and high efficiency values make sure of that. Controlled by the smart and secure TPEM (Total Plant & Energy Management), the new TCG 3020 series offers highest profitability and reliability.

Technical data 50 Hz ($NO_x \leq 500$ mg/Nm³[1])

TCG 3020 Series		V12	V12	V16	V16	V20	V20	V20	V20
Bore/stroke	mm	170/195							
Displacement	dm^3	53.0	53.0	71.0	71.0	89.0	89.0	89.0	89.0
Engine speed	min^{-1}	1,500							
Mean piston speed	m/s	9.8							
Length [6]	mm	5,080	5,080	6,100	6,100	6,600	6,600	6,983	6,983
Width [6]	mm	1,815							
Height [6]	mm	2,190	2,190	2,190	2,190	2,190	2,190	2,385	2,385
Dry weight genset	kg	12,900	12,900	17,400	17,400	21,400	21,400	16,965	16,965

Natural gas applications

TCG 3020 Series		V12	V12	V16	V16	V20	V20	V20	V20
Configuration		P [2]	R [3]	P [2]	R [3]	P [2]	R [3]	PV [4]	RV [5]
Electrical power [7]	kW	**1,380**	**1,380**	**1,840**	**1,840**	**2,300**	**2,300**	**2,000**	**2,000**
Mean effective pressure	bar	21.5	21.5	21.5	21.5	21.5	21.5	18.6	18.6
Thermal output [8] ±8%	kW	1,296	1,369	1,755	1,824	2,164	2,281	1,949	2,026
Electrical efficiency [7]	%	45.0	44.0	44.7	44.0	45.0	44.0	44.4	43.7
Thermal efficiency [7]	%	42.3	43.6	42.6	43.6	42.3	43.6	43.3	44.2
Total efficiency [7]	%	87.3	87.6	87.3	87.6	87.3	87.6	87.7	87.9

Biogas applications

Sewage gas (65% CH_4 / 35% CO_2)
Biogas (50% CH_4 / 50% CO_2)
Landfill gas (50 % CH_4 / 27% CO_2, Rest N_2)

TCG 3020 Series		V12	V16	V20	V20
Configuration		X [9]	X [9]	X [9]	XV [10]
Electrical power [7]	kW	**1,380**	**1,840**	**2,300**	**2,000**
Mean effective pressure	bar	21.5	21.5	21.5	18.6
Thermal output [8] ±8%	kW	1,351	1,802	2,254	2,015
Electrical efficiency [7]	%	43,6	43,6	43,6	43,2
Thermal efficiency [7]	%	42,7	42,7	42,9	43,5
Total efficiency [7]	%	86.3	86.3	86.5	86.7

Propane gas applications

TCG 3020 Series	V20
Bore/stroke	170/195
Displacement	89.0
Engine speed	1,500
Mean piston speed	9.8
Length [6]	6,500
Width [6]	1,815
Height [6]	2,190
Dry weight genset	17,980
Configuration	Z [11]
Electrical power [7]	1,880 [12]
Mean effective pressure	17.5
Thermal output [8]	2,063
Electrical efficiency [7]	41.8
Thermal efficiency [7]	45.9
Total efficiency [7]	87.7

1) $NO_x \leq 250$ mg/Nm³; exhaust gas dry at 5% O_2.
2) P = High Efficiency. Optimized for high electrical efficiency.
3) R = High Response. Optimized for high total efficiency.
4) PV = High Efficiency for Requested Power. Optimized for high electrical efficiency at requested power.
5) RV = High Response for Requested Power. Optimized for high total efficiency at requested power.
6) Transport dimensions for gensets, components set up separately must be taken into consideration.
7) According to ISO 8528-1 at U = 0.4 kV, cosphi = 1.0 for 50 Hz, a methane number of MN 80 for natural gas, MN 34 for propane and MN 134 (sewage gas) for biogas applications.
8) Exhaust gas cooled to 120 °C for natural gas and 150 °C for biogas.
9) X = Biogas. Optimized for operation with biogases.
10) XV = Biogas for Requested Power. Optimized for operation with biogases at requested power.
11) Z = Propane. Optimized for operation with propane.
12) 1,880 kW_{el} is also achieved with natural gas applications.

Data for special gases and dual gas operation on request.

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TCG 2032

Efficiency on a new level.

The TCG 2032. Top performance from MWM – used successfully worldwide.
For natural gas and biogas with an output from 3,300 to 4,500 kWel
Optimized reliability for your success.

Technical data 50 Hz

Engine type		TCG 2032	V12	V16	TCG 2032B V16
Bore/stroke		mm	260/320	260/320	260/320
Displacement		dm^3	203.9	271.8	271.8
Speed		min^{-1}	1,000	1,000	1,000
Mean piston speed		m/s	10.7	10.7	10.7
Length [1]		mm	7,860	9,271	9,272
Width [1]		mm	2,660	2,790	2,790
Height [1]		mm	3,390	3,390	3,390
Dry weight genset		kg	43,100	51,200	51,400

Natural gas applications

NO_X ≤ 500 mg/Nm^3 [2]

Engine type		TCG 2032	V12	V16	TCG 2032B V16
Configuration			R[5]	R[5]	R[5]
Electrical power [3]		**kW**	**3,333**	**4,300**	**4,500**
Mean effective pressure		bar	20.0	19.4	20.3
Thermal output [4]	±8%	kW	3,238	4,164	4,361
Electrical efficiency [3]		%	43.9	44.1	44.6
Thermal efficiency [3]		%	42.6	42.7	43.2
Total efficiency [3]		%	86.5	86.8	87.8

Biogas applications

NO_X ≤ 500 mg/Nm^3 [2]
Sewage gas (65% CH_4 / 35% CO_2)
Biogas (60% CH_4 / 32% CO_2, Rest N_2)
Landfill gas (50 % CH_4 / 27% CO_2, Rest N_2)

Minimum heating value H_U = 5.0 kWh/Nm

Engine type		TCG 2032	V16
Configuration			X[6]
Electrical power [3]		**kW**	**3,770**
Mean effective pressure		bar	17.0
Thermal output [4]	±8%	kW	3,487
Electrical efficiency [3]		%	42.9
Thermal efficiency [3]		%	39.7
Total efficiency [3]		%	82.7

1) Transport dimensions for gensets, components set up separately must be taken into consideration.
2) NO_x ≤ 500 mg/Nm^3; exhaust gas dry at 5% O_2.
3) According to ISO 8528-1 at U = 11 kV, cosphi = 1.0 for 50 Hz and a minimum methane number of MN 70 for natural gas.
4) Exhaust gas cooled to 120 °C for natural gas and 180 °C for biogas.
5) R = High Response. Optimized for high total efficiency.
6) X = Biogas. Optimized for operation with biogases.

Data for special gases and dual gas operation on request.

The values given on these datasheets are for information purposes only and not binding. The information given in the offer is decisive.

REFERENCE PROJECTS

COGENERATION - TRIGENERATION

With 35 years of experience, İltekno has successfully completed over 350 projects across 25 countries on 4 continents, achieving an installed capacity exceeding 2,400 MW. Prioritizing customer satisfaction in every project, we aim to maximize energy efficiency and sustainability. With our references, we strive to stay ahead and make a difference in every project.

British American Tobacco
Trigeneration Project in Samsun

- 3rd largest fast moving consumer goods company in the Turkish Industry. Exports to 18 countries in the Middle East and North Africa.
- Genset: 3 x MWM TCG 2020 V16 that are containerized.
- Capacity of Power Plant in Facility: 4800 kWe / hour

SW Cogen
Balance Power Plant in Liverpool

- The balance power plant consists of 7 x MWM TCG 2020 V20 gas engines.
- The installed capacity of the power plant is 14 MW in containerized form.
- The plant was completed for operation in 2020 which will be supporting the peak loads in the UK grid.

Çırağan Palace Kempinski
Trigeneration Plant in Istanbul

- The Çırağan Palace project was commissioned in 2017 with 1 x MWM TCG 2020 V16 gas engine.
- The installed power is 1560 kWe.

Amman Power Generation
Landfill Project in Jordan

- The installed power is 4,8 MW with a total number of 3 engines with the 2020 series.
- The landfill plant is located southeast of Amman, the capital of Jordan.

ILTEKNO

COGENERATION SYSTEMS

Cogeneration is a form of energy production that generates electricity and heat together, providing energy efficiency from a single fuel source. In this system, the heat generated during electricity production is utilized as hot water, steam, or hot oil to meet the thermal energy needs of the facility/building. Cogeneration can be utilized in buildings like hospitals, airports, malls.

ADVANCED **TECHNOLOGY**
POSITIVE ENERGY

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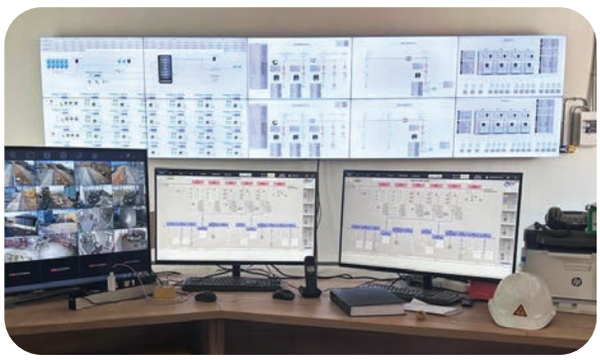
REFERENCE PROJECTS

OTHER BUSINESS AREAS

In addition to applications of gas engine cogeneration and trigeneration systems, we implement solar power plants (SPP), turnkey (EPC), and automation projects. We carry out feasibility preparation, project design, site assembly, testing, and commissioning phases tailored to your needs. Subsequently, we support your projects sustainably with technical team training programs and long-term maintenance and service agreements.

Ford Motor Automation Project Tank Storage Systems



We have developed a reliable monitoring and automation infrastructure for different types of chemicals and fuels that require precise storage.

Aggreko Engineering Solutions Modular Power Plant Detailed Design

- 4 x B36:45V20AG Bergen Engines
- Containerized power plant solution comprised by standard 20" and 40" containers
- Short installation duration compared to conventional type power plants

Aksa Energy EPC Project Bukhara 270 MW Relocation CCPP

Capacity: 270 MW

Engine: 28 x 20V34SG (Wartsila)

Turbine: 2 x 13 MW ST

Gümüşdoğa Solar Power Plant Ankara

- 36.107,5 kWp / 26.600,00 kWe capacity
- 65.650pcs. Schmid Pekintaş 550 Wp Bifacial PV Panels
- 80pcs. Sungrow 350 HX Inverters
- 5pcs. Astor 6.000 kVA Transformers
- 56.316.000 kWh Expected Annual Energy Production

HUMAN RIGHTS LABOUR ENVIRONMENT ANTI-CORRUPTION

THE GLOBAL COMPACT

WE SUPPORT

OUR PRINCIPLE, **MOVE FORWARD TOGETHER**

İltekno prioritizes customer satisfaction by providing an environmentally friendly and safe work environment that aligns with the integrated management system of ISO 9001, ISO 14001 and ISO 45001 standards. Since 2019, İltekno has been a member of the United Nations Global Compact, the world's largest corporate sustainability initiative, which has over 20,000 signatories in more than 160 countries. Through its annual reports, İltekno reaffirms its commitment to respecting human rights, protecting the environment, and combating corruption. The company takes proactive measures to prevent workplace accidents and environmental risks, continuously enhancing quality through regular audits and training to deliver sustainable solutions to its stakeholders.

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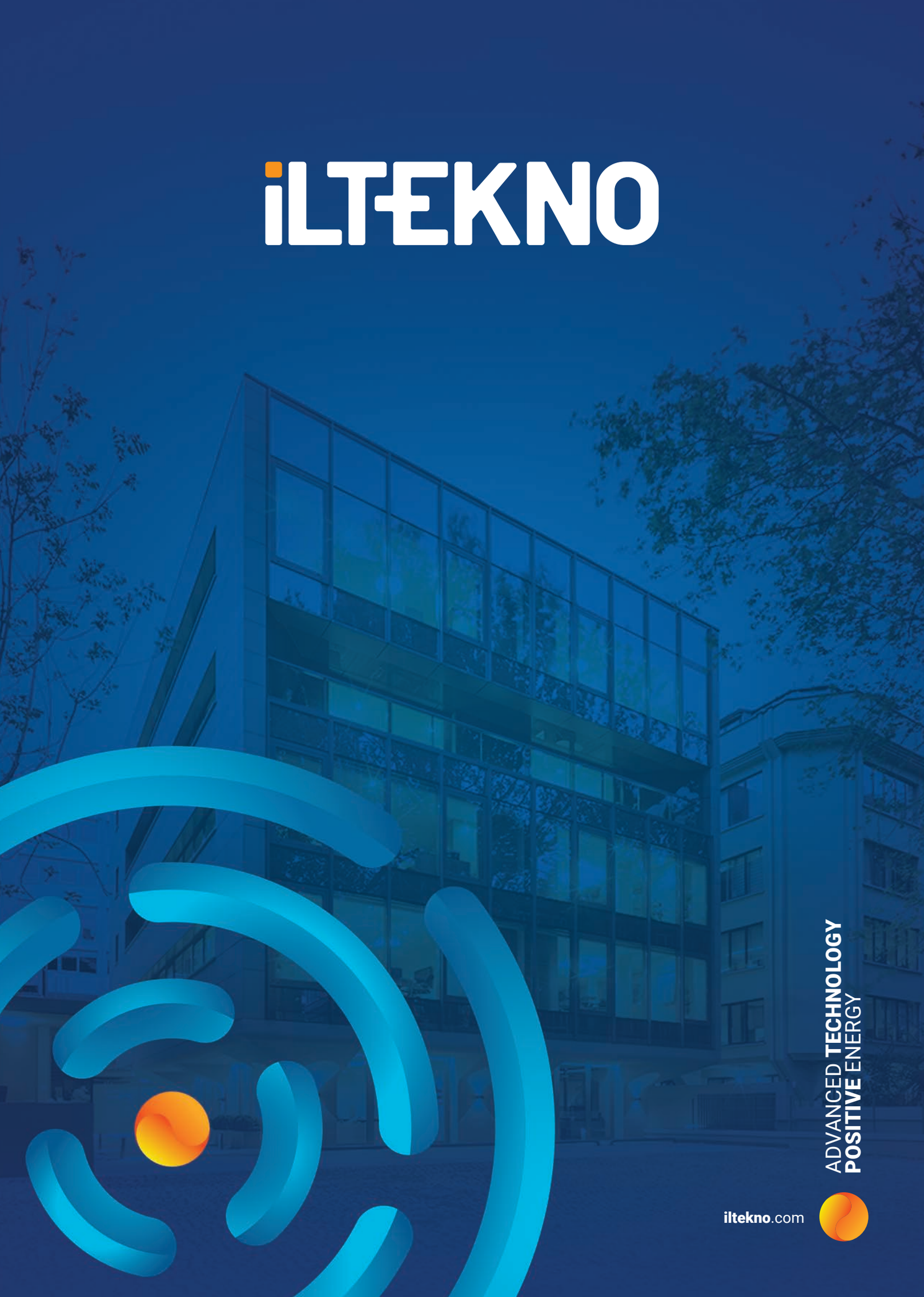
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