

# ECOMAX<sup>®</sup>

## Best-in-class packaged CHP solutions.

NATURAL GAS

BIOGAS

LANDFILL GAS

SPECIAL GASES



USA

AB

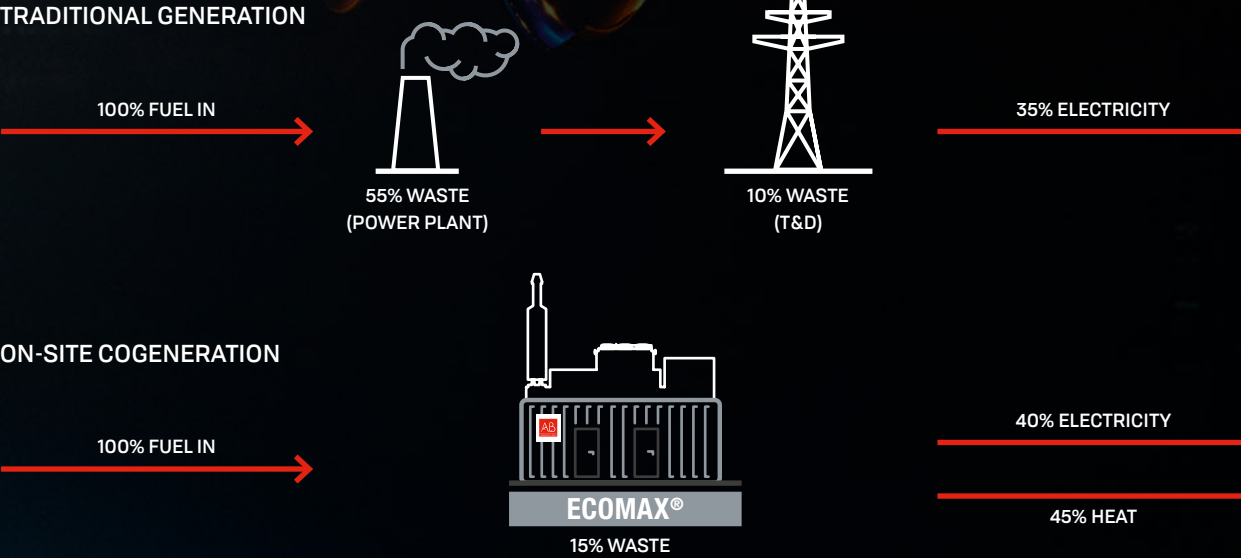
ABetter  
Way



# Cogeneration: the ideal choice for the production of electrical and thermal energy from a single source.

Used in a wide range of industrial, commercial and agricultural sectors, cogeneration is particularly well suited for the needs of “energy intensive” companies characterized by high heat and electricity consumption.

Cogeneration refers to the simultaneous production of electrical and thermal energy using a single fuel source and within a single integrated system. This results in substantial improvements in energy conversion efficiency, with the advantage of being able to manage the production of two energy vectors in a continuous, reliable and safe way. Due to enhanced energy efficiency, cogeneration is an effective tool in reducing energy costs and CO<sub>2</sub> emissions.





# AB: experts and industry leaders in cogeneration solutions, engaged in the development of green technologies for biofuels and air treatment.

Un-matched design know-how and manufacturing capabilities.

1981

Year founded

366,000

square feet including a manufacturing facility, engineering offices, service center and corporate offices

Since 1981, AB has tackled the challenges posed by energy sustainability, working alongside our customers to improve their competitiveness while saving energy and reducing emissions.

From our earliest days, we have focused on innovation to develop world-class technologies and processes dedicated to transforming the world of energy. Our objective? To ensure our customers benefit from the best energy sustainability solutions available anywhere. How? By dedicating our expertise, production capacity and excellent service capabilities to the problems at hand.

In the cogeneration sector, AB's leadership team has expanded our

company's reach to encompass biofuels. We have developed advanced purification and liquefaction processes for biomethane, coupled with highly effective emissions treatment.

We take pride in the "Made in Italy" level of excellence we offer. The AB Group now boasts over 1,000 employees in 20 countries throughout Europe, Russia and North and South America, with primary production and engineering centralized in a state-of-the-art industrial complex located in Orzinuovi, Province of Brescia, Italy.

Our customers rely on us to develop the "Better way" to support them with the skills, technologies and processes, so they perform at their best. Together, we are helping build a better world.





# A structured group with a consolidated international vocation.

Market coverage through a global service network.

Its extensive experience and expertise in the field of cogeneration has allowed AB to become a leader in the sector, starting in 2007 with the opening of the first branch in Spain, which began a process of gradual internationalization. Today, **the Group has offices in 20 countries**: a widespread network which allows AB to ensure a strong presence in the specific market in terms of business activities, support and after-sales service.

AB complements its international organization with a number of other specialized companies, with the aim of disseminating the culture of cogeneration, promoting its development and encouraging the relative applications.

**AB FIN SOLUTION** focuses on the **operating lease of machinery and offers users in every sector the possibility to lease an AB cogeneration plant.**

**Research and development in the field of alternative energy use** is entrusted to **AB GRADE**, a true center of excellence which employs dedicated engineers who study and develop the most innovative

solutions on the market.

AB has further strengthened its commitment to applied research with the creation of the new **DOABLE technological center dedicated to the digitalization of processes.**

**AB AMBIENTE**, on the other hand, is an **agricultural company** based in Orzinuovi (Italy) **where biogas and biomethane production plants are in operation.** The company serves as a privileged environment for directly experimenting and testing the latest innovations made available by the Group's R&D center.

Our commitment to a green strategy has lead us in new directions, starting with air treatment systems, with the strategic acquisition of a company specialized in the design, construction and installation of **emission reduction systems.**

The Group organization is completed with **AB SERVICE**, a company specialized in the **aftersales support and maintenance of AB plants around the world**, which relies on advanced solutions including the latest Industry 4.0 technologies.

1,550 +

Designed and installed systems

1,750 +

MW installed

95% +

Average plant availability

FROM  
300 kW  
TO 4.4  
MW

Nominal power of a single module





We guarantee our Customers maximum competitiveness through best-in-class cogeneration solutions.

Over 1,200 customers in energy intensive sectors have chosen AB.

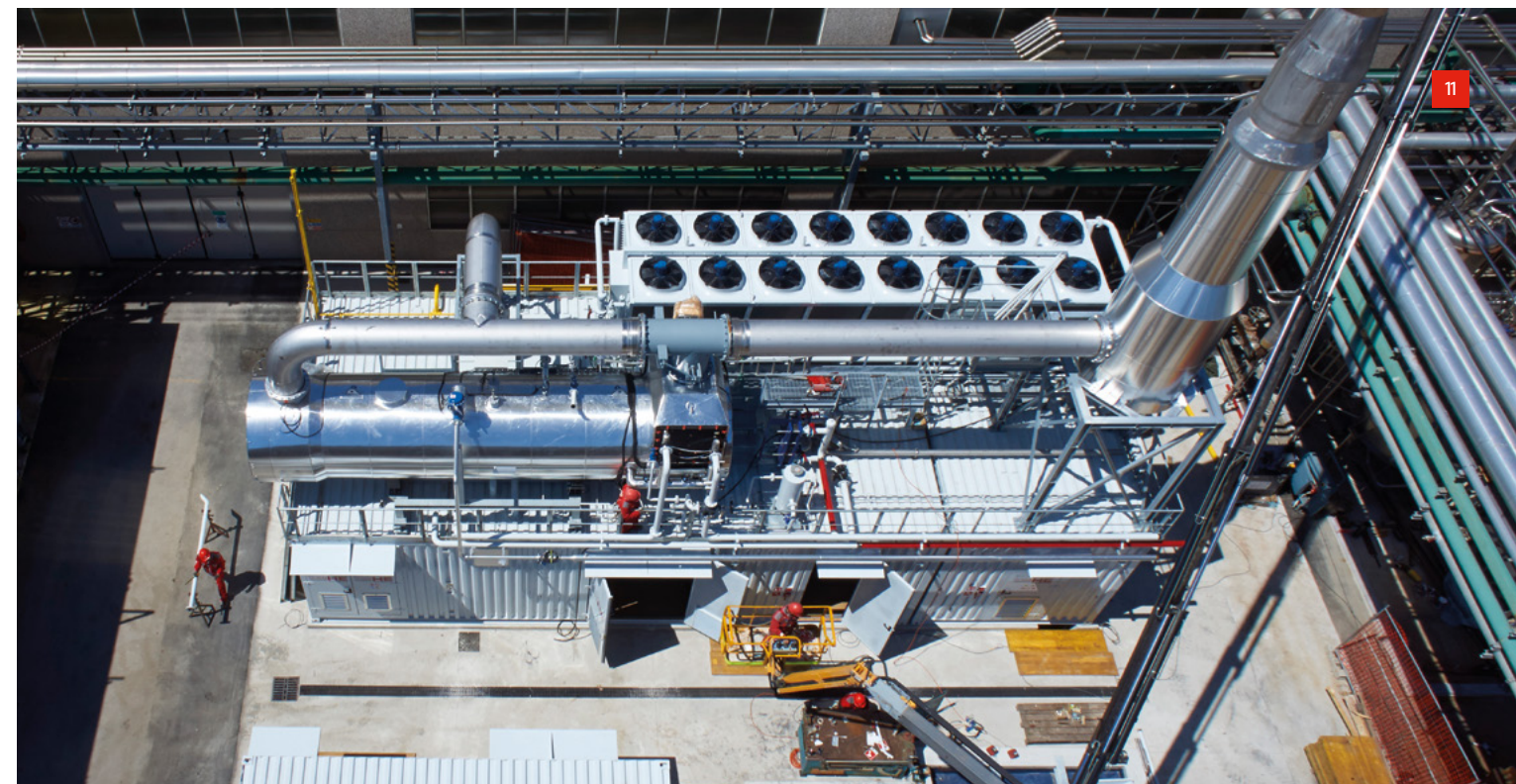






Best-in-class packaged  
CHP solutions.

ECOMAX®



An industrial product  
ready for installation.

Compactness and versatility, combined with high energy performance make ECOMAX® the most widespread and innovative cogeneration solution constructed in a modular package.

ECOMAX® is an idea conceived and developed entirely by AB that has evolved across 5 product lines and a wide range of applications. ECOMAX® has become the global technological and commercial point of reference for the cogeneration sector.



AN INDUSTRIAL PLUG AND PLAY  
PRODUCT



MINIMIZED COSTS, RISKS  
AND TIMES FOR ON-SITE  
INSTALLATION AND START-UP



CAN BE REMOVED  
OR RELOCATED



SIMPLICITY OF CONNECTION  
TO EXISTING SYSTEMS



VIDEO  
ECOMAX®





# AB: a single point of contact throughout the entire design and production cycle.



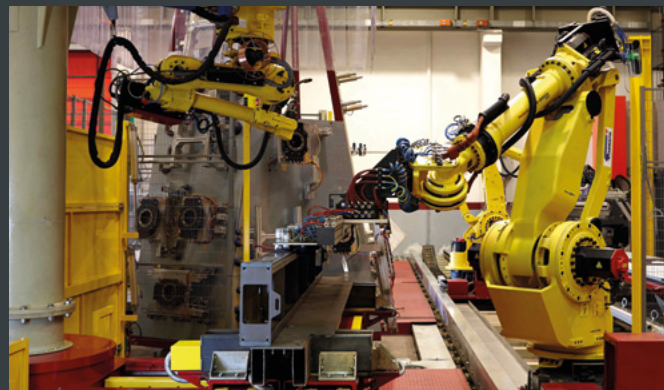
01 |

ECOMAX® plants are designed in the **engineering hub**, where a team of over 130 engineers work. Here, the plant construction activities are planned in detail.



03 |

The **automated warehouse** guarantees increased efficiency of the industrialized process: it supplies the components necessary for the implementation of the various orders.



02 |

The phases of bending, cutting and welding of the external structure of the module occur thanks to **robotic lines** able to guarantee precision and speed of execution.



04 |

The semi-finished parts are prepared to give shape to the **pre-manufactured product** that will include the mechanical, hydraulic and electrical components of the plant.



05 |

Each plant is **pre-assembled** at AB's Factory, ensuring that all elements of the plant correspond exactly to the design expectations, reducing installation times to a minimum.



07 |

The reciprocating engine is installed inside the module. The ECOMAX® internal assembly is completed with the addition of the **electrical, mechanical and hydraulic systems**.



09 |

ECOMAX® is ready to be **shipped and installed** at the customer's site.



06 |

Once construction of the external package is complete, the module is ready for **cleaning** and **painting**.



08 |

ECOMAX® is designed to guarantee full accessibility to critical components for operations and maintenance. Even the **electrical panels** are designed and manufactured by AB.



10 |

Through its **Control Room**, AB is able to remotely monitor the operation of its plants on an ongoing basis and to plan corrective maintenance interventions in a timely manner.



# The layout

External

## ECOMAX® 33 NATURAL GAS

### EXHAUST STACK

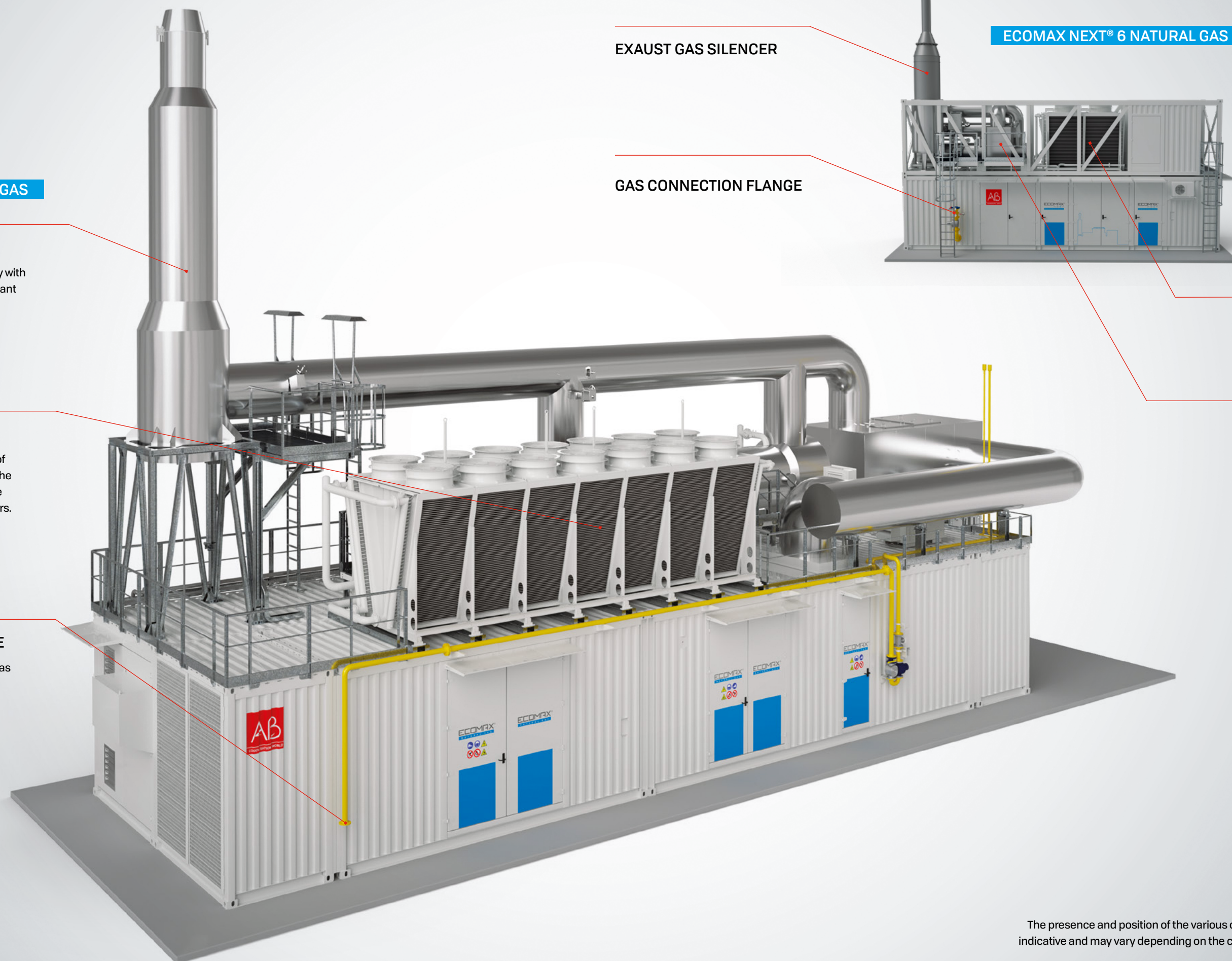
Free-standing exhaust stack chimney with integrated dual-stage silencer (resonant and absorbent).

### DRY COOLER

Device that facilitates the continuity of operation of the engine, including in the event of partial or zero recovery of the thermal power by the customer's users.

### GAS CONNECTION FLANGE

Connection point to the customer's gas line.



## ECOMAX NEXT® 6 NATURAL GAS

EXHAUST GAS SILENCER

GAS CONNECTION FLANGE

DRY COOLER

OXY CATALYST



# The layout

Internal

## ECOMAX® 33 NATURAL GAS

### ENGINE

Reciprocating engines designed for the use of a wide variety of gaseous fuels (natural gas, biogas, APG, mine gas, syngas) and characterized by high flexibility of use.

### AIR INLET SILENCER

Series of sound absorbing panels designed to obtain a high attenuation of the noise generated by the cogeneration module and an optimal flow of the combustion/cooling air in the engine room.

### GENERATOR

Alternator coupled to the crankshaft for the conversion of the mechanical power into electric power.

### MEDIUM VOLTAGE PANELS

Electrical panels to connect the alternator to the power grid.

### UREA TANK

Tank for the storage of urea used by the SCR system.

### OIL TANKS

Two tanks for the storage of lubricating oil (fresh and waste).

### SURGE ARRESTER PANEL

Electrical panel for the protection of the alternator against power surges.

### SCADA SYSTEM

Supervision and control system of all ECOMAX® subsystems.

Developed by AB to ensure an optimal and efficient management of the cogeneration system, of its diagnosis and maintenance.

Connected to the AB CONTROL ROOM via Internet.

### DISSIPATION AND RECOVERY HYDRAULIC CIRCUITS

### LOW VOLTAGE CONTROL PANELS

Electrical panels for power supply and control of auxiliary cogeneration system components.

### AIR OUTLET SILENCER

### COOLING FANS

Engine room ventilation system, consisting of axial fans with regulated air flow.

### GAS TRAIN

Device for the supply of gas to the engine, including measurement, control and regulation instrumentation.



The ECOMAX® range includes solutions structured in five production lines for:

**ECOMAX®**  
NATURAL GAS

**ECOMAX®**  
NEXT  
NATURAL GAS

**MANUFACTURING**

- Food products
- Beverages
- Paper
- Ceramics and stone
- Chemical
- Pharmaceuticals
- Mechanical
- Packaging
- Leather
- Plastic
- Textiles

**COMMERCIAL**

- Data processing centers
- Shopping centers
- Hospitals
- Hotels
- Universities
- Airports
- District heating
- District cooling

**ECOMAX®**  
BIOGAS

**ECOMAX®**  
NEXT  
BIOGAS

- Agriculture
- Landfills/OFMSW
- Agro-industrial waste
- WWT (Waste Water Treatment)

**ECOMAX®**  
LANDFILL GAS

**ECOMAX®**  
NEXT  
LANDFILL GAS

**ECOMAX®**  
GREENHOUSE

- Fruits and vegetables and floriculture
- Medical cannabis

**ECOMAX®**  
SPECIAL GAS

**ECOMAX®**  
NEXT  
SPECIAL GAS

- Oil extraction and production (APG)
- Coal mining







The most competitive and tested solution to efficiently meet the energy needs of the industrial and commercial sectors.

Significant savings and site resiliency can be realized within the industrial and commercial sectors by producing electricity and thermal energy through a stable, reliable, and cost-effective fuel source such as natural gas. Through the wide range of system sizes available, the **ECOMAX® Natural Gas** cogeneration product line offers AB's customers the benefits of a compact, versatile and reliable system.

**The ECOMAX® Natural Gas solutions may also be configured for installations within buildings.** AB also proposes solutions dedicated to tailor-made installations inside buildings without the need of the module.

AVAILABLE HEAT RECOVERY **										OR ALTERNATIVELY FROM EXHAUST:	OR:
ECOMAX®	Energy input [MBTU/hr]	Electrical output [MBTU/hr] *	Thermal Output from Engine Circuit as hot H <sub>2</sub> O [MBTU/hr]	Thermal Output from Exhaust as hot H <sub>2</sub> O [MBTU/hr]	Total heat recovery as hot H <sub>2</sub> O [MBTU/hr]		Electrical efficiency [%]	Thermal efficiency as hot H <sub>2</sub> O [%]	Total efficiency [%]	Steam at 116 psi - feedwater 194 °F [MBTU/hr]	Thermal oil from 356°F to 392 °F [MBTU/hr]
ECOMAX® 3 NGS	3,071	336	642	782	1,424		37.3	46.0	83.3	707	543
ECOMAX NEXT® 6 NGS	5,517	633	1,389	1,328	2,718		39.1	49.0	88.2	1,188	898
ECOMAX NEXT® 8 NGS	7,357	847	1,852	1,769	3,620		39.3	49.0	88.3	1,588	1,199
ECOMAX NEXT® 9 NGS	7,049	851	1,794	1,479	3,272		41.4	46.0	87.2	1,294	898
ECOMAX NEXT® 10 NGS	9,199	1,062	2,318	2,213	4,532		39.4	49.0	88.4	1,984	1,499
ECOMAX NEXT® 12 NGS	9,397	1,141	2,392	1,974	4,364		41.4	46.0	87.4	1,725	1,195
ECOMAX NEXT® 15 NGS	11,748	1,429	2,988	2,466	5,454		41.5	46.0	87.5	2,155	1,496
ECOMAX® 20 NGS	15,198	1,980	3,584	2,872	6,454		44.5	42.0	86.5	2,421	1,465
ECOMAX® 27 NGS	20,084	2,656	4,672	3,780	8,452		45.1	42.0	87.1	3,183	1,919
ECOMAX® 33 NGS	25,158	3,334	6,049	4,733	10,781		45.2	43.0	88.2	3,992	2,404
ECOMAX® 44 NGS	32,217	4,376	8,456	5,457	13,913		46.3	43.0	89.3	4,521	2,531

All data are based on engine versions with NOx emissions level at 1.1 g/bhp.hr  
Engine versions with 0.5 g/bhp hr NOx available.  
Lower emissions achievable by installing an exhaust gas treatment system.  
\*Customized Electrical Output upon request.  
\*\*Customized Thermal Configurations upon request.  
480 V genrators up to 1500 kW electrical output and 4160 V generators above. Other voltage levels available upon request.



**ECOMAX®**  
B I O G A S

**ECOMAX®**  
N E X T  
B I O G A S

# With biogas cogeneration, revenue opportunities are increasing for the agricultural world and for utilities.

Through biogas cogeneration, electrical and thermal energy is produced from a wide variety of organic substrates, such as agricultural, industrial, municipal or WWT-derived waste.

Cogeneration using biogas constitutes a very interesting revenue opportunity for both agricultural/livestock businesses and public/private companies pointing to the production and exploitation of biogas with a view to high energy efficiency and environmental sustainability.

AB offers its expertise from over 1,450

plants manufactured using technologies and solutions which represent the heart of the entire system: the transformation of biogas into energy, ensuring the highest levels of performance within the context of total reliability.

The **ECOMAX® Biogas** line is the point of reference for all businesses wishing to take advantage of this opportunity, thanks to a modular range starting from 300 kW plant up to those of 1,429 kW.

Larger units are also available upon request.

## AVAILABLE HEAT RECOVERY \*\*

ECOMAX®	Energy input [MBTU/hr]	Electrical output [MBTU/hr] *	Thermal Output from Engine Circuit as hot H <sub>2</sub> O [MBTU/hr]	Thermal Output from Exhaust as hot H <sub>2</sub> O [MBTU/hr] ***	Total heat recovery as hot H <sub>2</sub> O [MBTU/hr]	Electrical efficiency [%]	Thermal efficiency as hot H <sub>2</sub> O [%]	Total efficiency [%]
ECOMAX® 3 BIOGAS	3,153	336	850	680	1,530	36.4	43.0	79.4
ECOMAX NEXT® 6 BIOGAS	5,517	633	1,316	1,154	2,469	39.1	45.0	84.2
ECOMAX NEXT® 8 BIOGAS	7,357	847	1,755	1,537	3,292	39.3	45.0	84.3
ECOMAX NEXT® 9 BIOGAS	7,224	851	1,810	1,291	3,101	40.2	43.0	83.2
ECOMAX NEXT® 10 BIOGAS	9,199	1,062	2,192	1,923	4,115	39.4	45.0	84.4
ECOMAX NEXT® 12 BIOGAS	9,632	1,141	2,409	1,721	4,129	40.4	43.0	83.4
ECOMAX NEXT® 15 BIOGAS	12,041	1,429	3,016	2,148	5,163	40.5	43.0	83.5

All data are based on engine versions with NOx emissions level at 1.1 g/bhp.hr

\*Customized Electrical Output upon request.

\*\*Customized Thermal Configurations upon request.

\*\*\*Exhaust gas cooled at 392°F.

480 V generators up to 1500 kW electrical output and 4160 V generators above. Other voltage levels available upon request.





From waste stored in landfills, a renewable energy source for cogeneration plants.

With an average calorific power output of between 3.5 and 5.0 BTU/ft3/Nm³, landfill gas constitutes a good fuel source for endothermic engines and may therefore be used to efficiently power cogeneration plants. Over the average lifetime of a landfill site, a million tons of waste may produce from 1.7 to 2.5 million m³ of methane. Through the **ECOMAX® Landfill Gas** product line, energy stored in landfill waste can be converted into useful electricity and thermal energy which can be self-consumed by the facility or exported to the electric grid.



AVAILABLE HEAT RECOVERY \*\*

ECOMAX®	Energy input [MBTU/hr]	Electrical output [MBTU/hr] *	Thermal Output from Engine Circuit as hot H <sub>2</sub> O [MBTU/hr]	Thermal Output from Exhaust as hot H <sub>2</sub> O [MBTU/hr] ***		Total heat recovery as hot H <sub>2</sub> O [MBTU/hr]	Electrical efficiency [%]	Thermal efficiency as hot H <sub>2</sub> O [%]	Total efficiency [%]
ECOMAX® 3 LANDFILL	3,153	336	850	680		1,530	36.4	43.0	79.4
ECOMAX NEXT® 6 LANDFILL	5,517	633	1,316	1,154		2,469	39.1	45.0	84.2
ECOMAX NEXT® 8 LANDFILL	7,357	847	1,755	1,537		3,292	39.3	45.0	84.3
ECOMAX NEXT® 9 LANDFILL	7,224	851	1,810	1,291		3,101	40.2	43.0	83.2
ECOMAX NEXT® 10 LANDFILL	9,199	1,062	2,192	1,923		4,115	39.4	45.0	84.4
ECOMAX NEXT® 12 LANDFILL	9,632	1,141	2,409	1,721		4,129	40.4	43.0	83.4
ECOMAX NEXT® 15 LANDFILL	12,041	1,429	3,016	2,148		5,163	40.5	43.0	83.5

All data are based on engine versions with NOx emissions level at 1.1 g/bhp.hr  
\*Customized Electrical Output upon request.  
\*\*Customized Thermal Configurations upon request.  
\*\*\*Exhaust gas cooled at 392°F.  
480 V generators up to 1500 kW electrical output and 4160 V generators above. Other voltage levels available upon request.





Cogeneration for greenhouses helps to ensure efficient operations of the entire facility.

The **ECOMAX® Greenhouse** product line offers a comprehensive solution for greenhouses. The ECOMAX® not only offers facilities an efficient, flexible, and reliable source of electrical power but can also help to address climate control needs through hot water or steam production through exhaust gas heat recovery systems or chilled water production with an absorption chiller. Furthermore, CO<sub>2</sub> present in the exhaust gases can be dosed into the facility to enhance plant growth, after being cooled and purified.

AVAILABLE HEAT RECOVERY \*\*

ECOMAX®	Energy input [MBTU/hr]	Electrical output [MBTU/hr] *	Thermal Output from Engine Circuit as hot H <sub>2</sub> O [MBTU/hr]	Thermal Output from Exhaust as hot H <sub>2</sub> O [MBTU/hr]		Thermal Output from 2nd stage intercooler as hot H <sub>2</sub> O [MBTU/hr]	Thermal Output from Condenser as hot H <sub>2</sub> O [MBTU/hr]	Total Heat Recovery as hot H <sub>2</sub> O [MBTU/hr]
ECOMAX® 10 GH	9,199	1,062	2,318	2,213		239	413	5,183
ECOMAX® 12 GH	9,397	1,141	2,392	1,974		273	444	5,083
ECOMAX® 15 GH	11,748	1,429	2,988	2,466		338	556	6,348
ECOMAX® 20 GH	15,198	1,980	3,584	2,872		543	802	7,801
ECOMAX® 27 GH	20,084	2,656	4,672	3,780		696	1,058	10,206
ECOMAX® 33 GH	25,158	3,334	6,049	4,733		686	1,327	12,795
ECOMAX® 44 GH	32,217	4,376	8,456	5,457		826	1,706	16,445

All data are based on engine versions with NOx emissions level at 1.1 g/bhp.hr  
\*Customized Electrical Output upon request.  
\*\*Customized Thermal Configurations upon request.  
480 V generators up to 1500 kW electrical output and 4160 V generators above. Other voltage levels available upon request.



**ECOMAX®**  
SPECIAL GAS

**ECOMAX®**  
NEXT  
SPECIAL GAS

The point of reference  
for plants which use  
gas recovered during  
oil extraction or from  
processes using coal.

Oil wells are characterized by the natural presence of gases, methane in particular (APG), which are in a liquid state when mixed with petroleum, becoming gaseous when approaching the surface. APG represents a problem during the extraction of petroleum and also for the environment, because gas escapes under pressure may saturate the area surrounding the point of extraction. To eliminate the gas, it is often burned off in a flare, but it can also present a great opportunity for the fuelling of cogeneration plants. Methane gas also develops during the extraction

of mineral carbon, which for reasons of safety and for the economic opportunity created can be advantageously used through cogeneration. Likewise, methane is present in coal mines, both as a free gas or as gas absorbed on the inner surface of the carboniferous rock and the surrounding rocks. The **ECOMAX® Special Gas** product line provides a range of proven benefits. Both the heat and the electricity produced can be used to meet the needs of the extraction sites, while excess electricity can be exported to the electric grid.



# Service: the largest network of specialized technicians dedicated to the servicing and maintenance of AB installations around the world.

Thanks to our staff of specialized technicians operating around the world, AB guarantees the constant maintenance of each plant installed throughout its life cycle. The advantages offered by AB Service begin with the installation of the plant:

- a single partner for both construction and maintenance
- remote monitoring and online diagnosis
- availability and supply of original spare parts
- extensive presence of personnel near the installation sites
- wide network of spare parts warehouses
- guarantee of quick turnaround timeframes on site for repairs, updates and overhauls.

1,300 +

Plants supported  
and monitored

1,750 +

MW installed

H24

24 hour assistance  
365 days a year

ECOMAX®

AB  
ABetter  
Way

## The maintenance cycle

01 |

### Commissioning

AB specialists ensure the system is properly installed and ready for startup.

02 |

### Maintenance contracts

The completeness and personalization of our contracts satisfy every request, ensuring higher returns for the entire life of the plant, with the advantage of controlling costs.

03 |

### Training courses and updates

AB conducts on-site customer training of the ECOMAX® to ensure the safe and efficient operation of the system.

04 |

### Remote monitoring and online diagnostics

AB has a dedicated Control Room, active 24/7 and 365 days a year, providing our customers unparalleled remote assistance and diagnostics.

05 |

### On-site assistance

Timely and decisive on-site assistance from our dedicated service technicians.

06 |

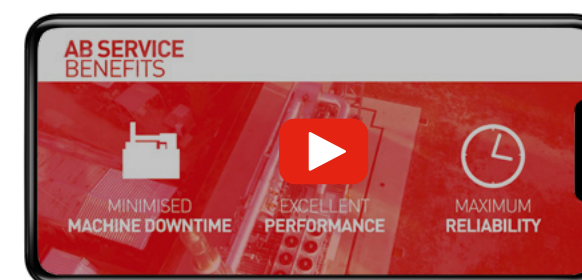
### Original parts

The Service uses only original parts for all plant components (from the engine to the auxiliaries), ensuring maximum life and reliability.

07 |

### Repair, upgrade and overhaul

Our specialized technicians are trained to safely perform all routine overhauls as well as systems upgrades and repairs in a timely manner, ensuring the ECOMAX is operating safely and efficiently.



VIDEO  
SERVICE





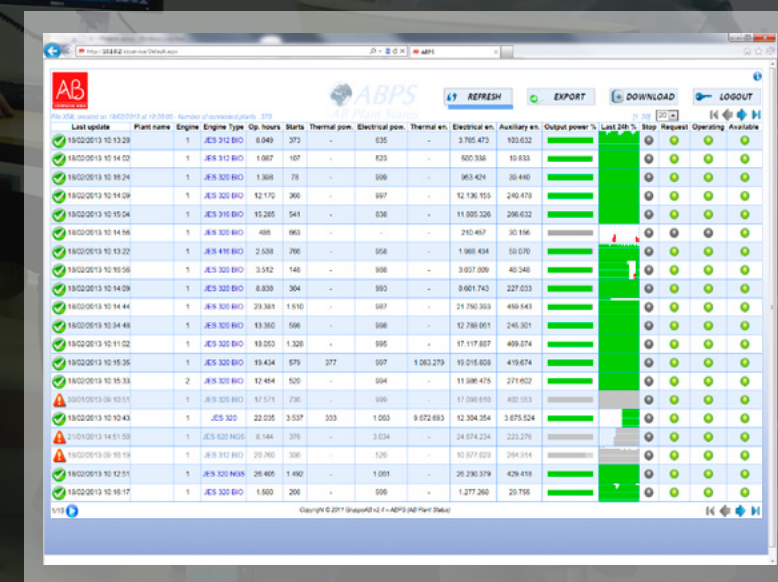
# AB Control Room: supervision and control.

The supervision and monitoring system constitutes a “centralized point” of plant management for the customer, not only for cogeneration plant but also for the production processes closely associated to the plant. In fact, the remote monitoring systems allow the user to:

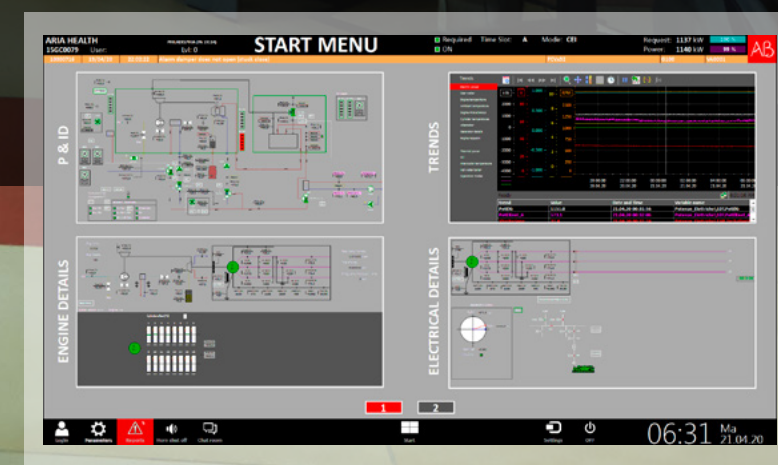
- choose the best operating set-up
- verify the operating conditions
- remote connection also available on mobile devices

All ECOMAX® systems are connected to our dedicated Control Room to ensure the most prompt, reliable, and successful remote assistance available. With the addition of an AB Protection Plan, our customers have 24 hr access to our specialized technicians within the Control Room for remote assistance.

AB Plant Status  
Online plant performance monitoring



AB Scada System  
with remote control







## AB INSTALLATIONS AROUND THE WORLD

- 01 | **JV ENERGY SOLUTIONS**  
GREENHOUSE  
USA - 2.4 MW
- 02 | **ARIA JEFFERSON HOSPITAL**  
NATURAL GAS  
USA - 1,137 kW
- 03 | **CAMDEN CCMUA**  
Dual Fuel BIOGAS & NATURAL GAS  
USA - 4 MW
- 04 | **HITACHI ZOSEN INOVA AG.**  
BIOGAS (biogas from organic solid waste)  
USA - 853 kW
- 05 | **MECHANICAL ENERGY SOLUTIONS** / NYC Building  
NATURAL GAS  
USA - 1,429 kW
- 06 | **SUNSELECT**  
GREENHOUSE  
USA - 6,628 kW
- 07 | **TAJIGUAS LANDFILL**  
Dual Fuel, LANDFILL GAS & NATURAL GAS  
USA - 2,858 kW
- 08 | **FOOTHILL**  
GREENHOUSE  
Canada - 3,332 kW





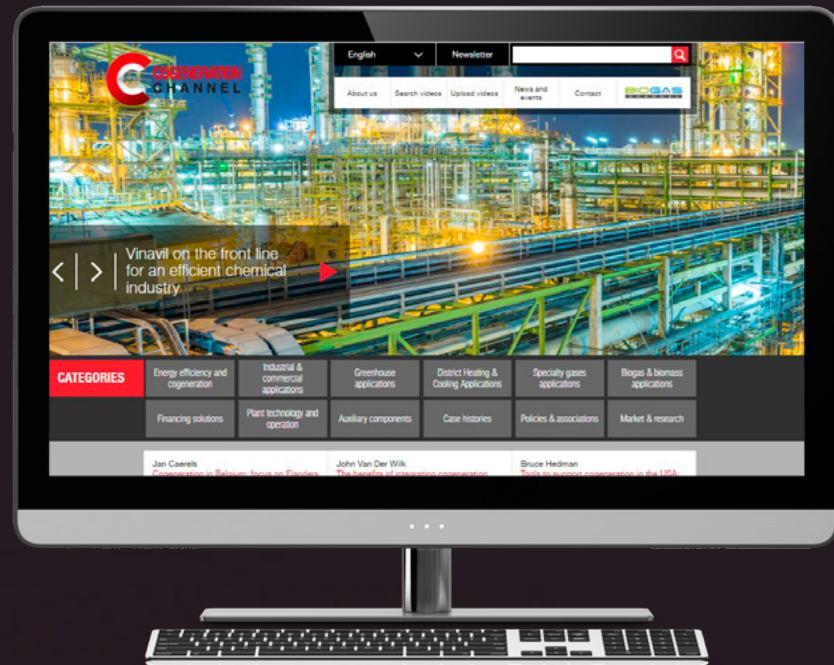
- 09 | **PETROM**  
SPECIAL GAS (APG)  
Romania - 2,260 kW
- 10 | **POLYCON** / plastic sector  
NATURAL GAS  
Canada - 8 MW
- 11 | **ACQUA VERA** / mineral water  
NATURAL GAS  
Italy - 2,679 kW
- 12 | **LIVANOVA** / medical sector  
NATURAL GAS  
Italy - 2,006 kW
- 13 | **GRUPPO SOLVÌ**  
LANDFILL GAS  
Brasil - 29.5 MW
- 14 | **DLV**  
GREENHOUSE  
Russia - 18 MW
- 15 | **POLYNT** / chemical sector  
NATURAL GAS  
Italy - 8 MW



- 16 | **ECOMAX® for building solutions**  
ECOMAX® solutions may also be configured for installation within buildings through integration with the site configurations, and with completely new and custom layouts. AB has the expertise and solutions to create dedicated tailor-made solutions without needing containers or modules.



# WEB Channels



[www.cogenerationchannel.com](http://www.cogenerationchannel.com)

The first and only web channel entirely dedicated to cogeneration and all its applications

CASE HISTORY AND BEST PRACTICE FROM AROUND THE WORLD  
1,000 VIDEO, 16 THEMATIC SECTIONS



[www.biogaschannel.com](http://www.biogaschannel.com)

The first and only web channel entirely dedicated to biogas and all its applications

CASE HISTORY AND BEST PRACTICE FROM AROUND THE WORLD  
1,200 VIDEO, 16 THEMATIC SECTIONS





**AB ENERGY USA, LLC**  
 26 Chapin Road, Unit 1108  
 Pine Brook – NJ 07058  
**T** +1 973 957 0418

8910 University Center Lane,  
 Suite 400 – San Diego CA 92122

abenergyusa@gruppoab.com  
[www.gruppoab.com](http://www.gruppoab.com)

