



elco

COMPANY PROFILE

CUTTING-EDGE BURNERS
FOR HEATING AND
INDUSTRIAL APPLICATIONS

ELCO always looks for
the best technologies
and develops new
ones to improve
the efficiency of its
solutions.

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Heritage

- 1928** The company E. Looser & Co. has been founded in Vilters (Switzerland) by Emil and Elsa Looser
- 1930** Production of the first semiautomatic fuel oil blown air burner for furnaces
- 1938** First exports to Belgium and Sweden
- 1962** Production of the first blown air gas burners in the plant of Ravensburg (Germany)
- 1979** Production of burner N°1.000.000
- 1988** Opening of the new production site in Vilters with a capacity of 15.000 m³, including a logistics center
- 1994** Merger with the German company Klöckner and French Cuenod Thermotechnique. The new group employs 3.100 persons. Doubling of sales
- 2001** The Italian MTS Group (today Ariston Group) acquires the company
- 2009** Beginning of a project of renovation of the product range with the progressive introduction of a new platform for VECTRON burners and two brand new burner ranges: NEXTRON and EK EVO
- 2017** The ELCO range is extended thanks to the introduction of the new RPD models up to 80 MW
- 2018** 90th anniversary of ELCO



About us

Capitalising on almost a century of working experience ELCO has developed a wide commercial and technical network of skilled and experienced experts available in more than 100 countries.

Taking advantage of this international network of loyal partnerships today ELCO is able to provide professional support to the customer in order to define together the best solution and to develop and manage the project through its entire life-cycle.



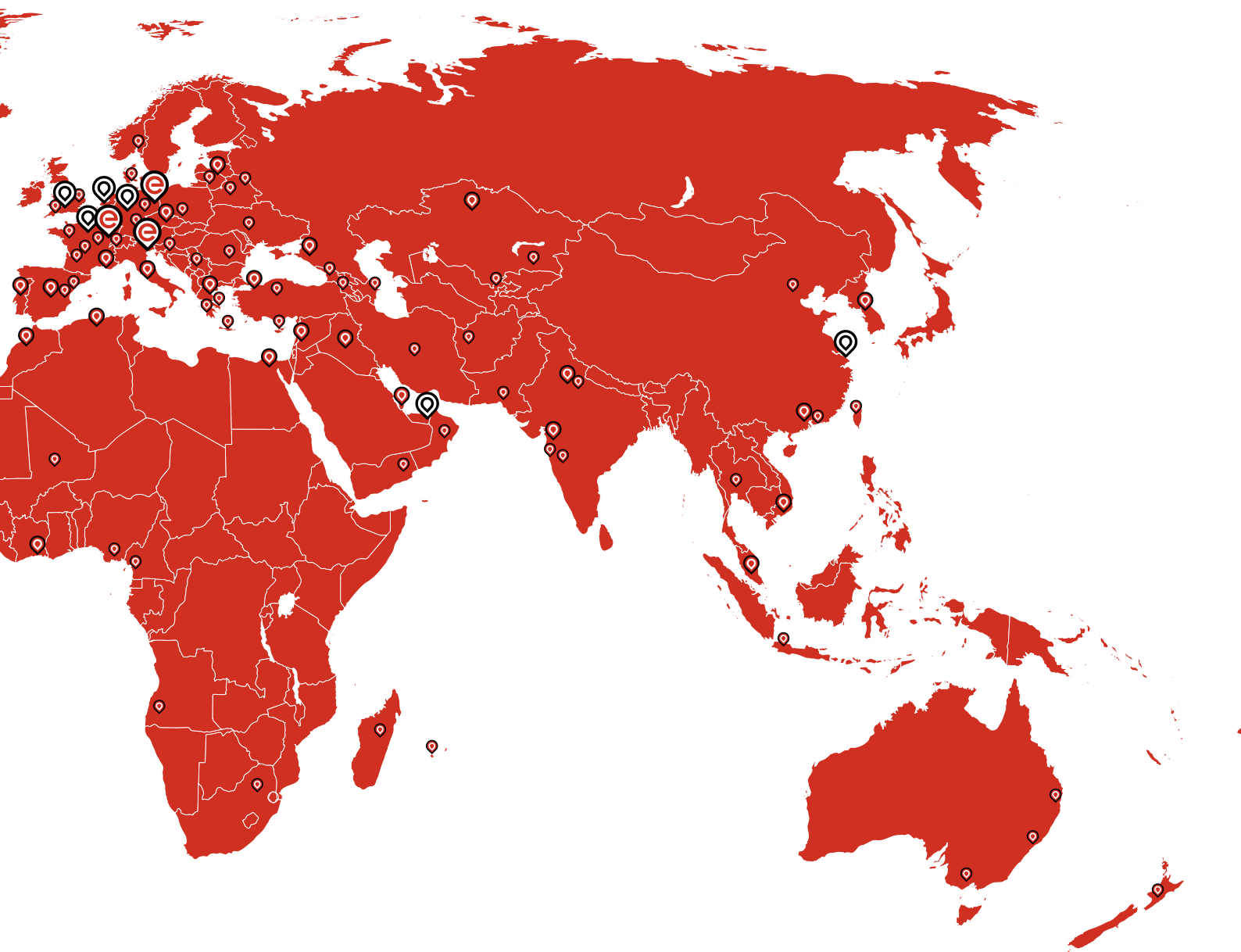
PRODUCTION
PLANT



REPRESENTATIVE
OFFICE



OFFICIAL
DISTRIBUTOR



3

**Production
plants**

6

**Commercial
branches**

100

Countries

Reached by our commercial
and technical network



Applications

Flexibility
Quality
Product reliability



Heating

Residential burners with power output ranging from 10 kW to 300 kW operating with oil, gas, heavy oil or dual fuel configuration.



Commercial

Burners range from 100 kW to 10 MW, designed not only to produce heat but also for process applications, such as ovens, dryers, incinerators, painting booths, and hot air generators.



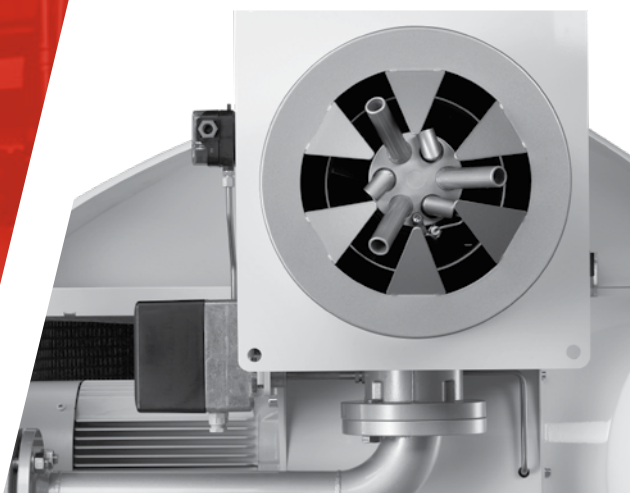
Industry

Burners with high technical profile and output power range up to 80 MW, used for industrial processes as well as in special applications. The complexity of the projects in which they are involved requires highly qualified pre and after-sales support.

The background image is a large industrial combustion engine, possibly a gas turbine or diesel engine, with a worker in a red shirt and jeans standing next to it, working on a control panel. The entire image is overlaid with a semi-transparent red filter. The text "Combustion Experts" is in white, with "Experts" in bold. A white horizontal line is positioned below the word "Combustion".

Combustion **Experts**

Engineering
solutions to ignite
your future business



Innovation

By linking a strong innovative ability to a developing will, ELCO conceives performing and reliable burners that respect the environment as well as corresponding services, in order to establish a lasting relationship with its customers.



Competence


Being a specialist in the design of manufacturing burners, today ELCO is a leader in the development of combustion technology.

ELCO R&D engineering team is able to find technological solutions and resolve even the most complex requirements of its customers.



Solutions

A long experience in developing customized burners for any requirement of the global market allows ELCO to guarantee reliability and excellent performance in any application area, even the most critical. No matter how difficult the burner installation may be, ELCO is able to design a solution that meets the highest technical requirements.

The background of the entire page is a grayscale photograph of an industrial facility. It features a large, multi-level structure with metal walkways, railings, and stairs. In the foreground, there is a large, complex piece of industrial machinery, possibly a burner or a pump, with various pipes, valves, and a large circular component. The lighting is bright, coming from skylights in the ceiling.

Burner engineering

The **ELCO** burners work
with any traditional or
alternative fuel.
Special configurations
for specific fuels are
available on request

CUBIC 11 kW - 2 MW

VECTRON



PROTRON



MONOBLOCK 2 MW - 22 MW

NEXTRON



EK EVO



N10 / N11

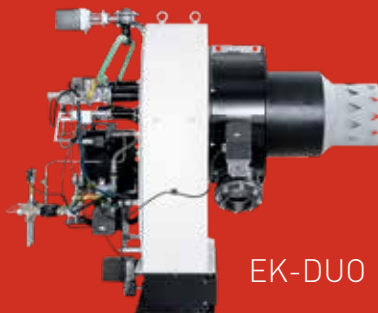


DUOBLOCK up to 80 MW

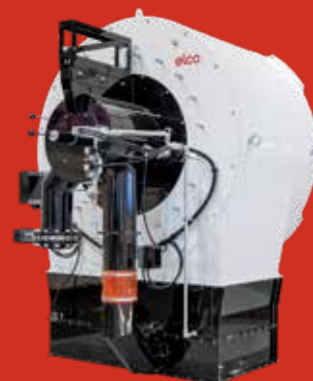
D-TRON



EK-DUO



RPD



A large background image of a man in a red shirt with the 'elco' logo on the sleeve, working on a large industrial machine. The image is overlaid with a semi-transparent red filter.

Service

All **ELCO**
products are
backed up
by a service
network that
sets standards
in the industry





Commissioning and maintenance

For safe and efficient operation of the burner system it is essential that the burner is commissioned by an expert: combustion will be optimally adjusted over the entire power range and all safety devices will be tested. The ELCO Service Team will keep the installation in good condition also through periodic maintenance activities, in order to ensure that the system always works efficiently and safely.



International service network

ELCO offers a comprehensive range of services to suit any specific requirement. Its worldwide network of well-trained engineers and technicians defines the standards in the market, giving to the customer the guarantee to rely on high performance and reliable products.



The Burner Academy



In order to respond to the needs of each customer ELCO created the Burner Academy, a real school where the know-how of the technicians is diffused to the partners. The Academy provides the opportunity for boiler room personnel, operators and engineers to attend a series of training sessions carried out on our test bench by highly qualified instructors.

The **Group**



All over the world, Ariston Group is synonymous with comfort, energy efficiency and respect for the environment, thanks to its high efficiency products, its plants in compliance with the most advanced production standards and excellent pre- and after-sales customer support services.

The Group now has a leadership position in the global thermic comfort market for domestic, commercial and industrial spaces.

3 Billion € in sales

8,5 Million products per year
(and 33 million components)

10.000 Employees

29 Centres of competence for product R&D

References



Musselkanaal, Netherlands

2x VG4.610 M
Total: 1,2 MW



Altchemnitz, Germany

6x N11.22000 G-EU1
Total: 132 MW



Zhangjiakou, China

1x RPD 130 G-EU1 FGR
2x RPD 160 G-EU1 FGR
Total: 186 MW



Białystok, Poland

2x RPD 70 G-EU2

Total: 41 MW



Beijing, China

1x EK EVO 8.5800 G-EU3

2x EK EVO 8.7100 G-EU3

Total: 21 MW



Stavanger, Norway

2x EK-DUO 4.1600 G-E

Total: 32 MW

References



Seoul, South Korea

2x EK EVO 9.10400 G-EU3 FGR
3x N10.16000.45 G-EU2 FGR
1x N10.12000.37 GL-EUF
Total: 100 MW



Monza, Italy

1x N11.19000 G-EU2 FGR
Total: 19 MW



Beijing, China

2x N10.16000 G-EU2 FGR
Total: 32 MW

Subsidiaries ELCO

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