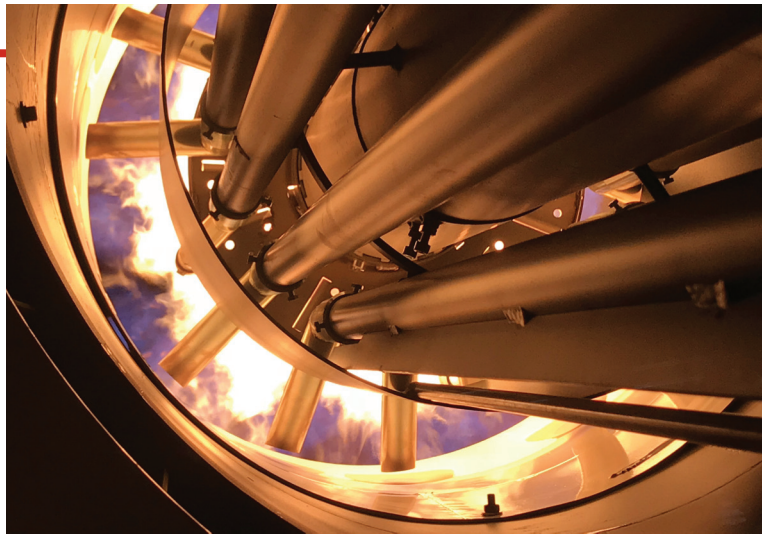
RPD

RPD 100 G-E

INNOVATION

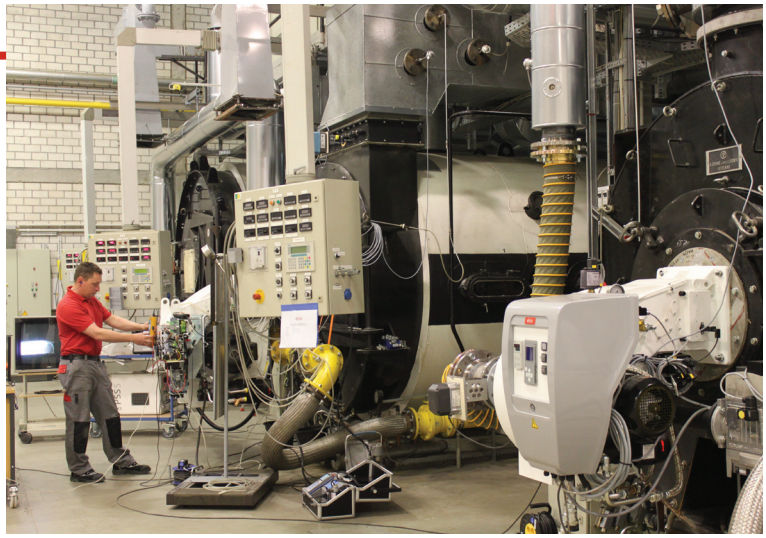
Since its foundation in 1928, ELCO has always been a specialist in burners conception and manufacturing. By linking a strong innovative ability to a continued developing drive, ELCO has designed high performing and reliable burners as well as corresponding services throughout the years, and is today one of the leaders in the field of combustion technology.



RESEARCH AND DEVELOPMENT

ELCO always looks for the best technologies and continues to develop new ones to improve the efficiency of its solutions.
Our R&D Laboratories are committed to develop innovative technological solutions allowing to:

- optimise the running of the installations lowering costs;
- offer service friendly products easy to maintain;
- preserve the environment lowering acoustic and pollutant emissions.



OUR PRODUCT RANGE

Our experience at combustion technology
available in a complete range of burners from 11 kW to 80 MW:



VECTRON	PROTRON	NEXTRON	EK EVO	N
11 - 2300 kW	17 - 550 kW	250 - 11200 kW	250 - 13500 kW	1300 - 22000 kW

CUTTING-EDGE BURNERS FOR HEATING AND INDUSTRIAL APPLICATIONS

KNOW-HOW

Your contacts at ELCO and its partners are recognised experts with years of experience.
Our worldwide support starts from concept creation to planning, design and project management up to commissioning and on-going operation of the plant throughout its life cycle.
As an ELCO customer, you can rely on your installation to perform reliably. Our guarantee is backed up by a service that sets standards in our field.



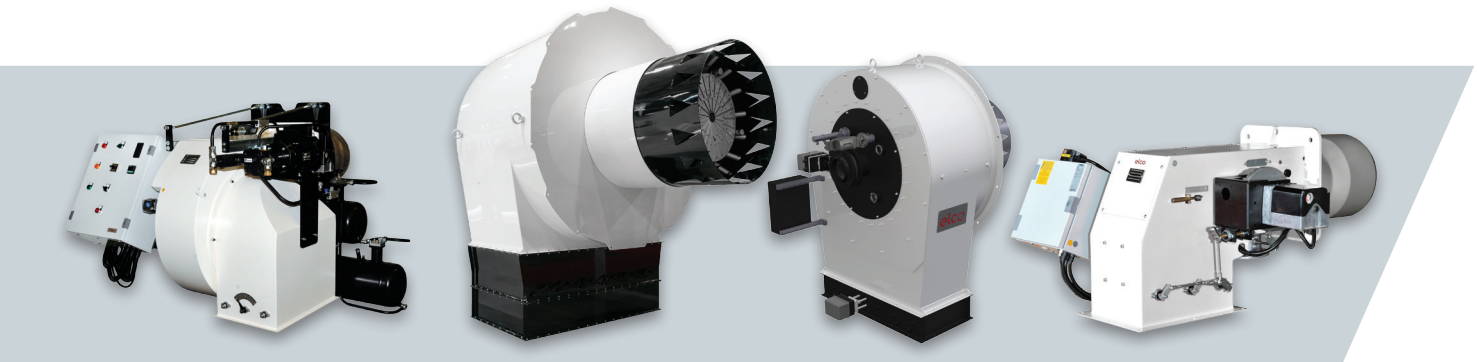
WORLDWIDE NETWORK

Capitalising on more than 90 years of work experience, ELCO has been capable to build up loyal partnerships and today can count on reliable Partners all over the World.
Combining an instinctively global perspective with a genuinely multicultural approach ELCO today offers you skilled and experienced experts available in more than 70 Countries.



In Europe
3 production plants
6 commercial branches
Strong commercial presence through a network of reliable dealers and partners

Worldwide
2 Sales Offices in Russia and China
Distribution in over 70 Countries



HO/GHO-TRON
68 - 17000 kW

RPD
500 - 80000 kW

EK-DUO
600 - 16000 kW

D-TRON
230 - 34000 kW

DUOBLOCK RPD



Duoblock burners from 500 kW to 80000 kW in gas, light oil, heavy oil and dual fuel

- Thanks to their extreme flexibility, RPD burners are suitable for almost any firing-related task
- All RPD models are fitted with adjustable air deflector plates, which can be used to swirl the combustion air flowing; the flame configuration can hereby be directly influenced according to the geometry of the combustion chamber, while the combustion head features optimized internal geometry to reduce head loss and the power demand of the fan motor

NATURAL

DUAL FUEL

LIGHT OIL

HEAVY OIL

DUAL FUEL

All RPD burners feature:

- air/gas ratio with Etamatic digital control box or with mechanical compound
- adjustable flame length with air registers
- flame tube length according to installation
- closing of the air damper on burner shutdown
- built-in or external control box according to customer requirements
- products are in compliance with EN676 and EN267 European standards and with the following directives: 2016/426/EU Gas Appliances Directive, 2014/30/EU EMC Directive, 2014/35/EU Low Voltage Directive, 2006/42/EC Efficiency Directive, 2011/65/EU RoHS2 Directive

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WORKING DIAGRAM

- Operation: two stage progressive/modulating electronic

TECHNICAL DATA

Minimum power output (kW)	7000
Maximum power output (kW)	45000

OVERALL DIMENSIONS

Subsidiaries ELCO

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