GHO-TRON

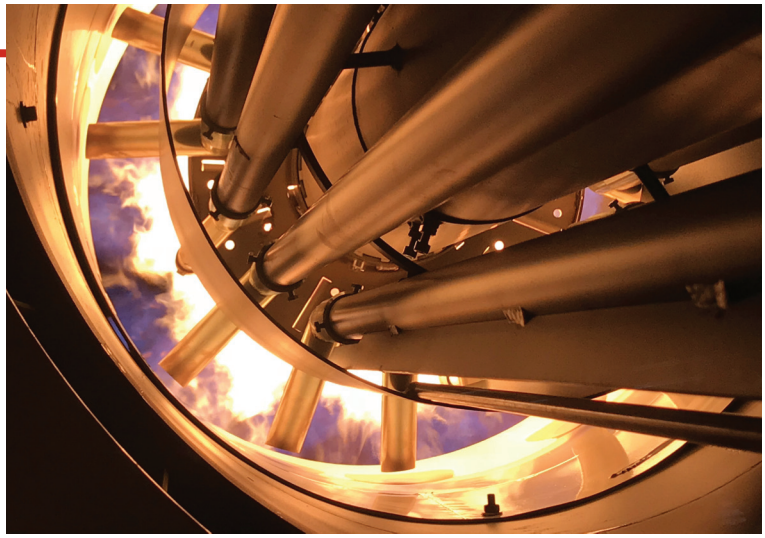
GHO-TRON 5.5000 R

www.elco-burners.com

ПРОМЭЛЕКТРОНИКА / sales@prom-elec.com

INNOVATION

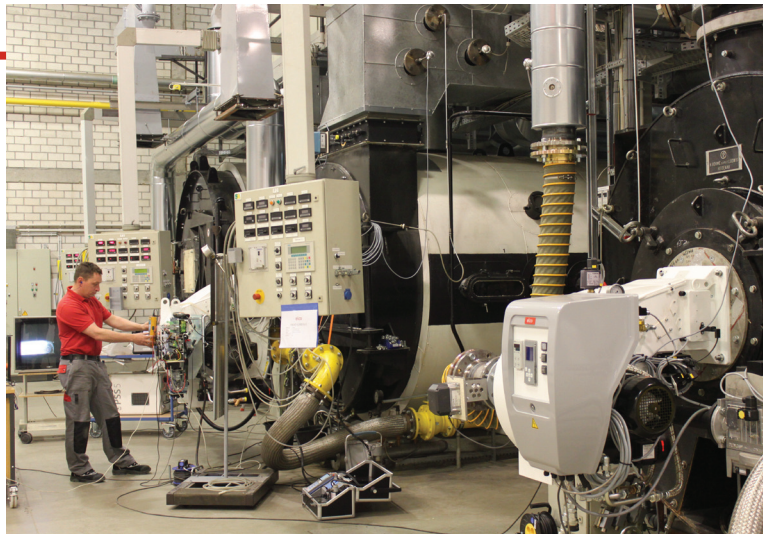
Since its foundation in 1928, ELCO has always been a specialist in burners conception and manufacturing. By linking a strong innovative ability to a continued developing drive, ELCO has designed high performing and reliable burners as well as corresponding services throughout the years, and is today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

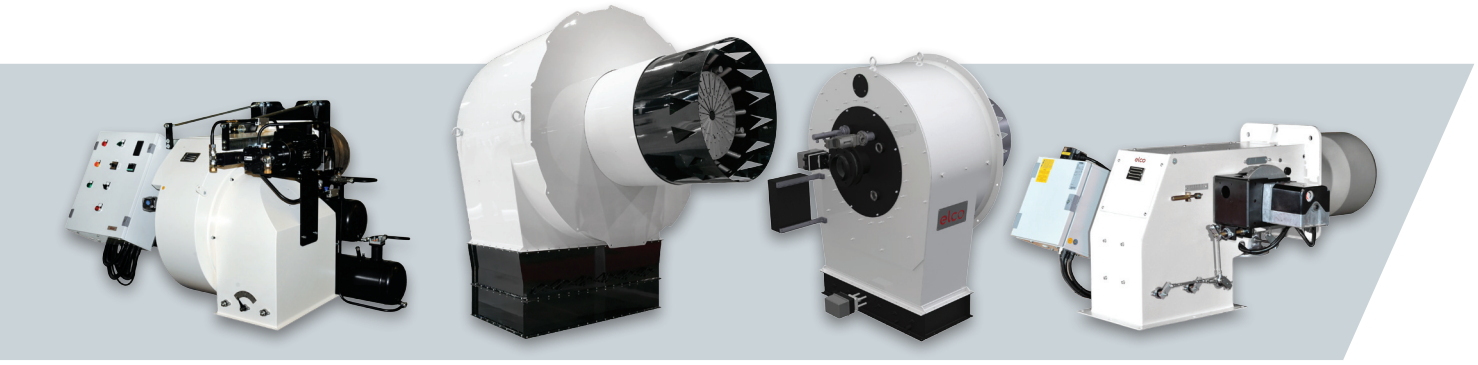
Your contacts at ELCO and its partners are recognised experts with years of experience.
Our worldwide support starts from concept creation to planning, design and project management up to commissioning and on-going operation of the plant throughout its life cycle.
As an ELCO customer, you can rely on 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

MONOBLOCK

GHO-TRON

Monoblock burners from 414 kW to 17000 kW dual fuel (gas/heavy oil)

DUAL FUEL

- ELCO dual fuel GHO-TRON burners are suitable to work with natural gas or heavy oil up to 50°E at 50°C and are available in two stages and progressive version with electrical servomotor and double adjustable mechanical cam that allows air gas/heavy oil fine tuning
- Configurated and special versions are available on request for selected type of applications and fuel characteristics

All GHO-TRON burners feature:

- separated motor-pump on board
- electrical heavy oil heater (oil supply to the burner at 80°C and 3 bar)
- additional heating on the pipes and the valves, into the pump and the nozzle holder
- closing of the air flap on burner shut-down
- complete electrical equipment in a switch cabinet mounted on the burner with control panel
- 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

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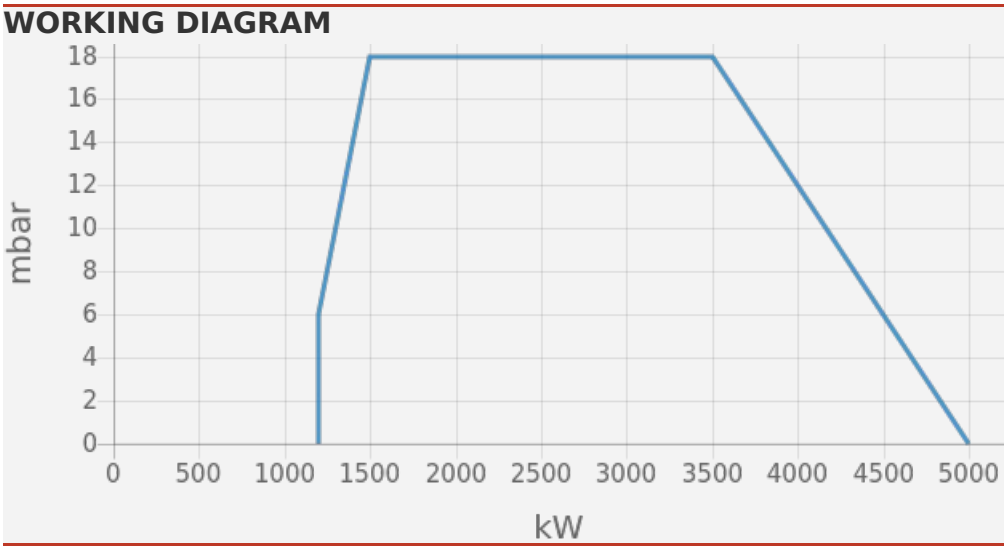
- Operation: two stage progressive/modulating mechanical;
- Emission class: Low NOx class 2 (<120 mg/kWh) according to EN676 in gas

WORKING DIAGRAM



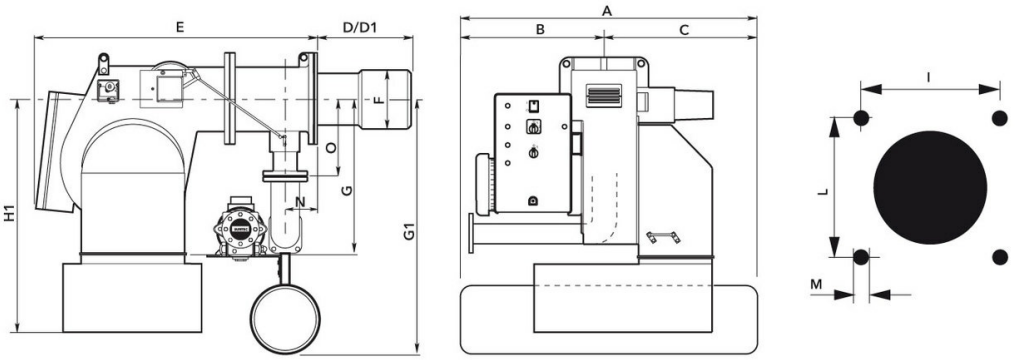
TECHNICAL DATA

Minimum power output (kW)	1200
Maximum power output (kW)	5000
Minimum gas pressure (mbar)	35
Maximum gas pressure (mbar)	700
Fan motor (kW)	11
Protection level	IP42

OTHER AVAILABLE CONFIGURATIONS

- Continuous ventilation;
- High temperature;
- High viscosity suitable for 118 cSt (15°E) at 80°C

OVERALL DIMENSIONS



A	B	C	D	D1	E	F	G	G1	H1	I	L	M	N	O
1358	680	678	354	554	1230	320	570	775	965	330	330	M16	195	250

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