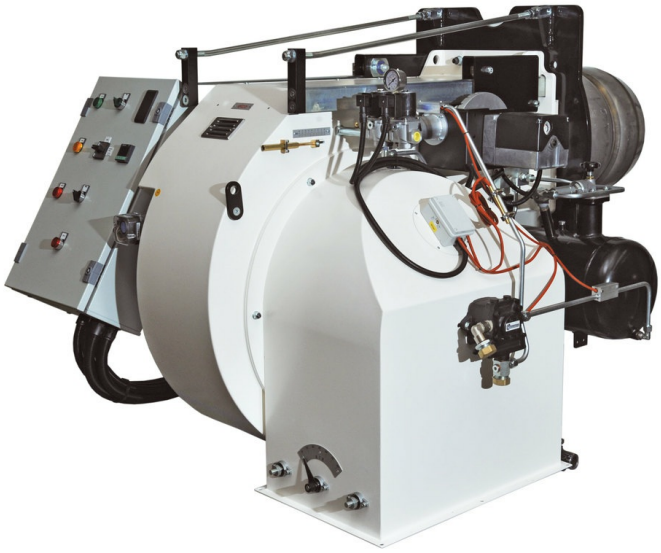
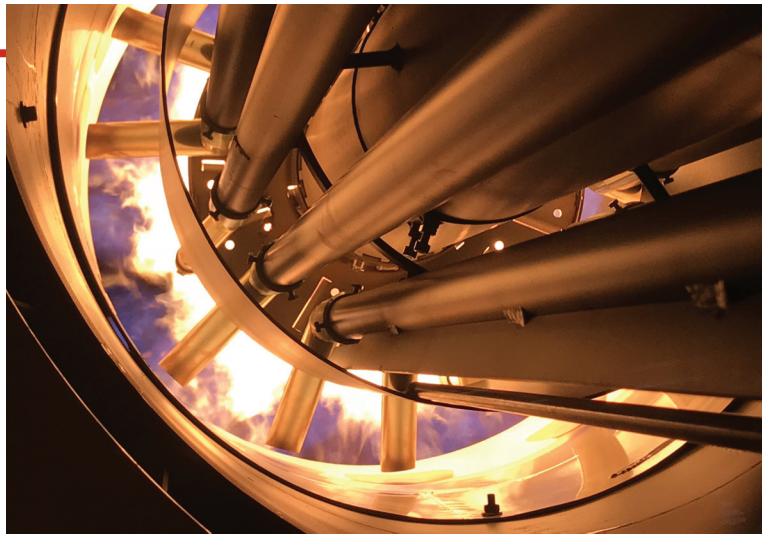


HO-TRON

HO-TRON 5.5000 R

INNOVATION

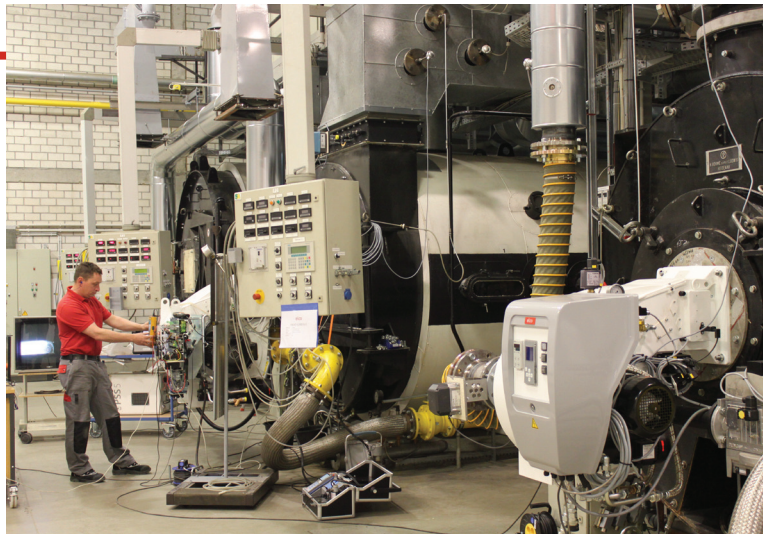
Since its foundation in 1928, ELCO has always been a specialist in burners conception and manufacturing. By linking a strong innovative ability to a continued developing drive, ELCO has designed high performing and reliable burners as well as corresponding services throughout the years, and is today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

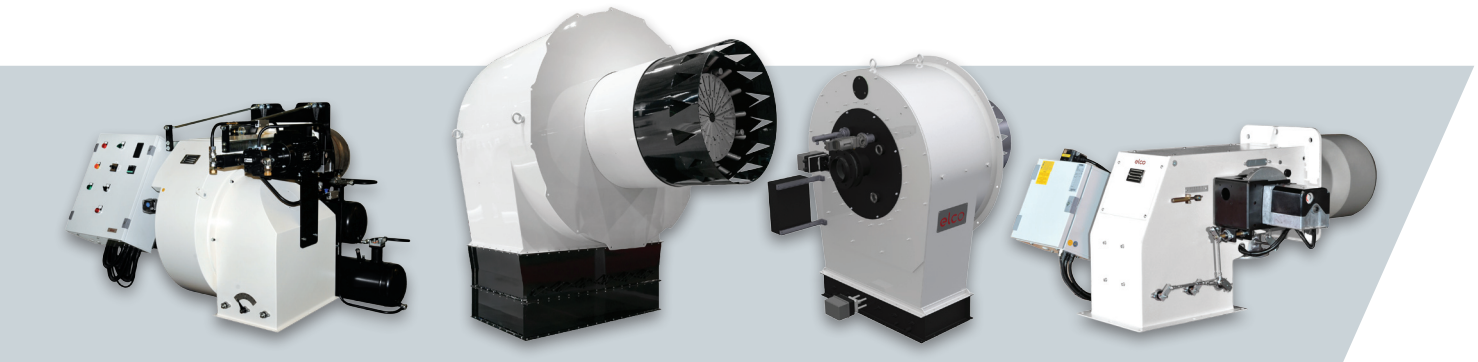
Your contacts at ELCO and its partners are recognised experts with years of experience.
Our worldwide support starts from concept creation to planning, design and project management up to commissioning and on-going operation of the plant throughout its life cycle.
As an ELCO customer, you can rely on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

HO-TRON

Monoblock burners from 68 kW to 17000 kW in heavy oil

HEAVY OIL

- ELCO offers a wide range of heavy oil burners designed for traditional applications and industrial process applications
- All burners feature easy access to the combustion component in order to simplify the maintenance operations
- For a large extent of applications customised solutions can be offered in order to meet plants requirements

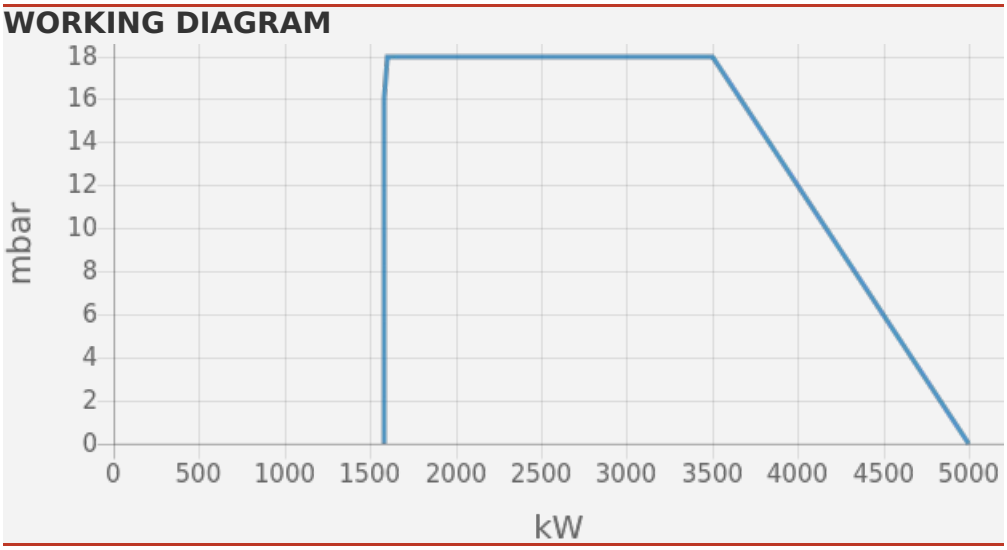
All HO-TRON burners feature:

- pump mounted on the body up to model HO-TRON 6.8500 and separated motor-pump starting from model HO-TRON 6.10500
- electrical heavy oil heater on board (oil supply to the burner at 80°C and 3 bar)
- additional heaters on the pipes and the valves, into the pump and the nozzle holder
- closing of the air flap on burner shut-down
- complete control panel mounted on the burner with electrical equipment
- products are in compliance with EN267 European standard and with the following directives: 2014/35/EU Low Voltage Directive, 2014/30/UE EMC Directive, 2006/42/EC Machinery Directive, 2011/65/EU RoHS2 Directive

HO-TRON _ HO-TRON 5.5000 R

- Operation: two stage progressive/modulating mechanical

WORKING DIAGRAM



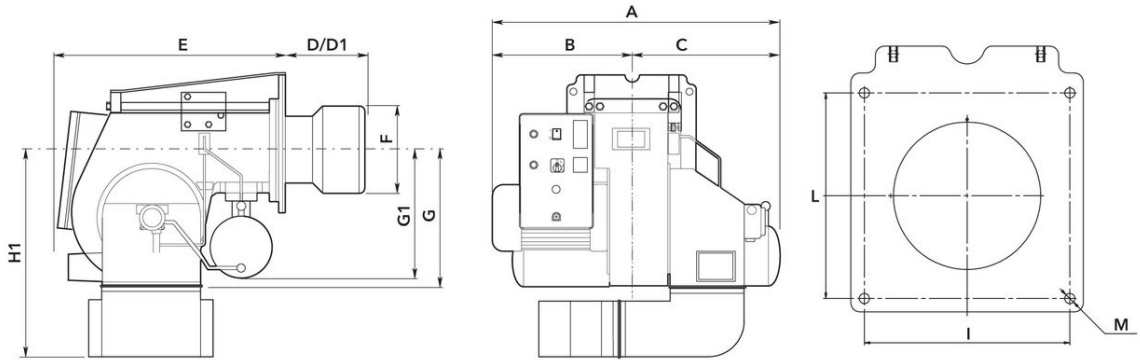
TECHNICAL DATA

Minimum power output (kW)	1578
Maximum power output (kW)	5000
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
1300	610	690	370	670	990	320	570	480	965	460	460	M16

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