Библиотека СОК

CIB UNIGAS®

SERIES S

HEAD X

S1700X
S1900X

HEAD V

S1900V

HEAD A

S1700A
S1900A

HEAD P

S1700P
S1900P

HEAD Y

S1700Y
S1900Y

GB
M029150CA
Rev. 0.0
08-2025

LET'S LIGHT UP THE FUTURE.

CIB Unigas was founded in 1972 as a small company by Mr. Claudio Pancolini. The remarkable creative and design skills of its technical staff enabled the company to penetrate the market quickly and effectively. Over the past 50 years, with the goal of promoting eco-sustainable fuels and applications, **CIB Unigas has become one of the leading companies in the design, production and sale of burners for civil and industrial applications.**





Factors such as the progressive shift in demand abroad (over 85% of current turnover) and the willingness to develop a solid distribution network, have allowed the company to **open numerous branches, particularly in the United Kingdom, China, and the United States, in addition to more than 60 official dealers worldwide.** This strengthened and widespread sales network, combined with the complete range of burners offered and the constant participation in international conferences and trade fairs, has made CIB Unigas a leader in its sector.

In 1994, CIB Unigas obtained ISO 9001 quality certification and product certification (CE marking), issued by the most authoritative European certification body (TÜV). This certification is the most comprehensive available in this industrial sector, covering design, production, marketing, and after-sales services. As a result, the company currently meets all national and international requirements to sell, market, and install its products worldwide.

Today, the company is managed by the founder's heirs Mr. Filippo Pancolini and Mr. Riccardo Pancolini, who ensure the continuity not only of the business but also of CIB Unigas' vision: developing technologies with the aim of protect our world and our future.**With over 200 employees, the company produces all its products at its Italian plant facility in Campodarsego (Padua), where its main activities of design, assembly and innovation take place.**

Thanks to the strong flexibility of its production and organizational structure, CIB Unigas is able to meet any demand quickly and according to the specific requirements that arise from the market. This means, not only the ability to produce in series, but above all, the creative strength to satisfy market demands—values that are at the core of the shared efforts at CIB Unigas.

SERIES S

LOW NOx

Low emissions (Class 3 - EN676)
Possibility of working with innovative fuels with low environmental impact, such as hydrogen
Wide modulation range

HEAD X

S1700X / S1900X	GAS	7
S1700X / S1900X	GAS / LIGHT OIL	11

ULTRA LOW NOx

Low emissions (Class 4 - EN676)
Wide modulation range

HEAD V

S1900V	GAS	15

High flexibility burners

Extensive flexibility
Adjustment flexibility
Ability to work with a variety of fuels
Many types of civil and industrial applications
Special applications and furnaces

HEAD A

S1700A / S1900A	GAS	19
S1700A / S1900A	GAS / LIGHT OIL	23

Industrial applications

Industrial applications
Also for Duablok versions
Highly reliable and robust for industrial use
For all special applications: from the use of the crudest oil to dense fuels, for clean and efficient combustion
Also suitable for recovered fuels (fuels derived from waste) such as synthetic gas, exhaust gas, cooling gas, waste oils, etc.

HEAD P

S1700P / S1900P	LIGHT OIL	27
S1700P / S1900P	HEAVY OIL	30
S1700P / S1900P	GAS / HEAVY OIL	32

HEAD Y

S1700Y / S1900Y	HEAVY OILE	36
S1700Y / S1900Y	GAS / HEAVY OIL	38

DESIGNATION M-. PR. SR. xx. A. 1. 50. EA. xxx.

FUEL
M - NATURAL GAS
L - L.P.G.
B - BIOGAS
C - TOWN GAS
G - LIGHT OIL
A - BIO DIESEL
K - KEROSENE
N - HEAVY OIL UP TO 50 cSt at 50°C (7°E - 50°C)
D - HEAVY OIL UP TO 400 cSt at 50°C (50°E - 50°C)

*** VARIOUS FUEL CONFIGURATIONS AVAILABLE IN THE DUAL-FUEL VERSION**

OPERATION
PR - PROGRESSIVE
MD - FULLY MODULATING

BLAST TUBE
S - STANDARD
M - STANDARD DUAL LENGTH BLAST TUBE
L - LONG

SP - Standard blast tube + ABS polymer (silenced) air intake
SR - Standard blast tube + ABS polymer (silenced) air intake
LP - Extended blast tube + aluminum air intake
LR - Extended blast tube + ABS polymer (silenced) air intake

DESTINATION COUNTRY
GB - UNITED KINGDOM
... AVAILABLE FOR OTHER COUNTRIES UPON REQUES

BURNER MANUFACTURE
A STANDARD
Y SPECIAL

G CONTROL PANEL AND JUNCTION BOX
E JUNCTION BOX

EQUIPMENT
0 2 GAS VALVES
1 2 GAS VALVES + LEAKAGE CONTROL
7 2 GAS VALVES + MAXIMUM GAS PRESSURE SWITCH
8 2 GAS VALVES + LEAKAGE CONTROL AND MAXIMUM GAS PRESSURE SWITCH

GAS CONNECTION
100 DN100
125 DN125

ELECTRONIC VERSION
EA Burners complete with electronic cam
EB Burners complete with electronic cam and inverter
EC Dual fuel burners complete with electronic cam
ED Dual fuel burners complete with electronic cam and inverter
ES Burners complete with electronic cam, without O_2 control, without inverter
EO Burners complete with electronic cam and O_2 control, without inverter
EI Burners complete with electronic cam and inverter, without O_2 control
EK Burners complete with electronic cam with O_2 control and with inverter
EF Burners complete with electronic cam and temperature-compensated flue gas recirculation FGR without O_2 monitoring, without inverter
EG Burners complete with electronic cam, inverter and temperature-compensated flue gas recirculation FGR without O_2 monitoring
EP Burners complete with electronic cam and temperature-compensated flue gas recirculation FGR witht O_2 monitoring, without inverter
ER Burners complete with electronic cam, inverter and temperature-compensated flue gas recirculation FGR with O_2 monitoring l

FLUE GAS RECIRCULATION
FGR Flue gas recirculation

SOME FEATURES ARE NOT INCLUDED IN THIS CATALOGUE

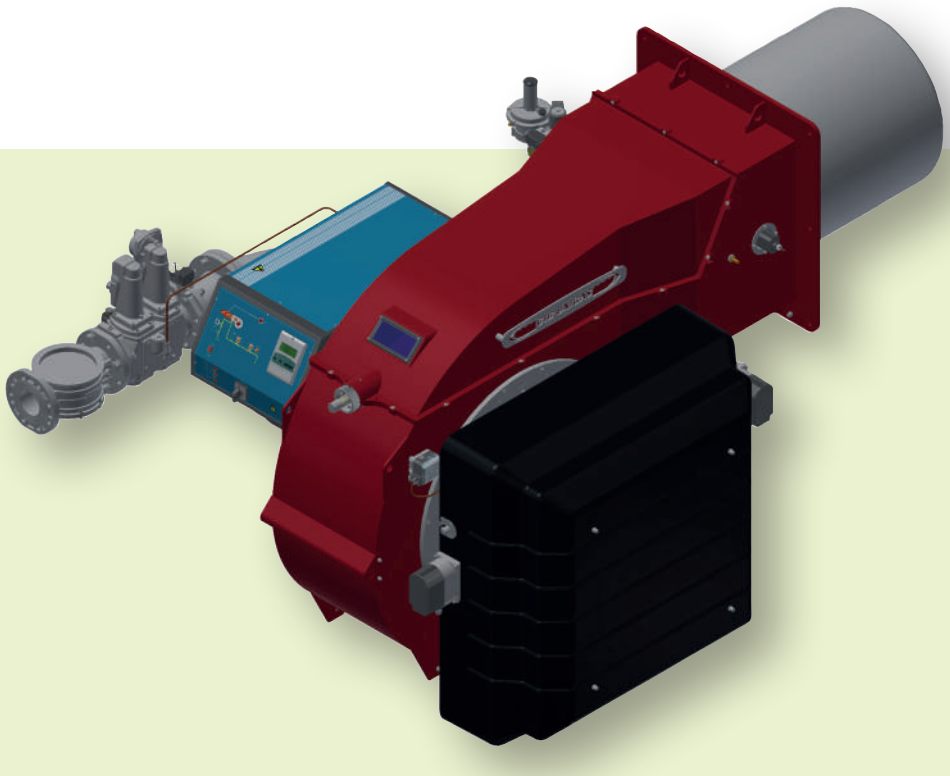
FOR CONFIGURATIONS OF BURNERS IN THE LAMTEC VERSION WITH O_2+CO OXYGEN CONTROL, PLEASE CONTACT OUR SALES DEPARTMENT.

HEAD X

S1700X
S1900X

Low NOx

- Low emissions (Class 3 - EN676)
- Possibility of working with innovative combustibles with low environmental impact such as
- Ample modulation range

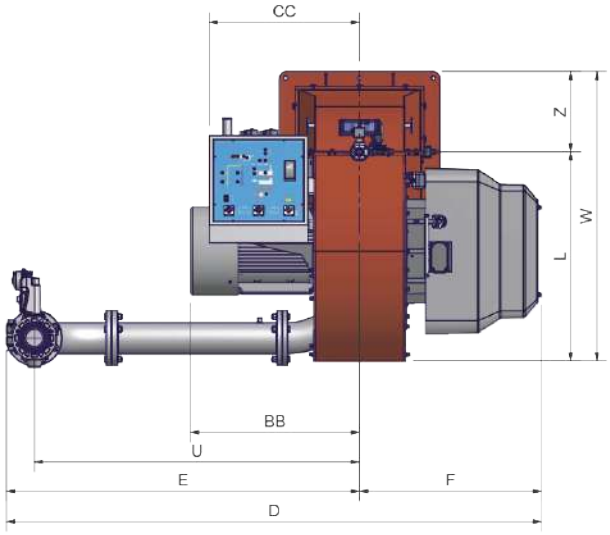


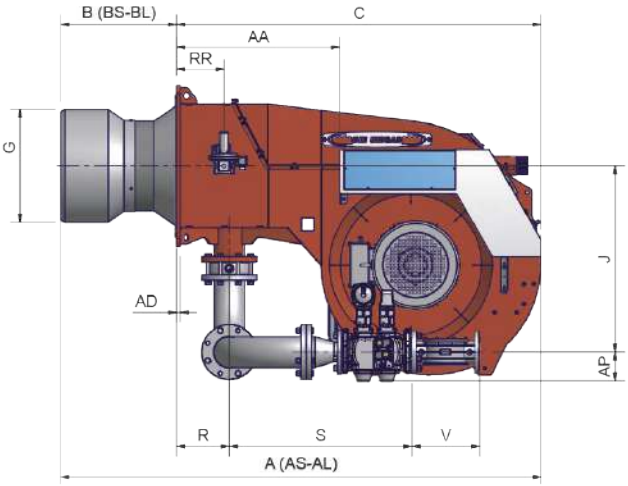
GAS

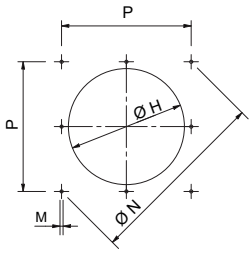
TECHNICAL SPECIFICATIONS

Type	Model	Power kW min	Power kW max	Power supply single-phase electricity auxiliary	Power supply three-phase electric motor	Fan motor kW	Gas connections	Level of noise emissions dBA
S1700X	M-.xx.S.IT.A.1.xxx	2.500	17.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	45,0	DN80 - DN100 - DN125	91,7
S1900X	M-.xx.S.IT.A.1.xxx	2.500	19.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	55,0	DN100 - DN125	91,7

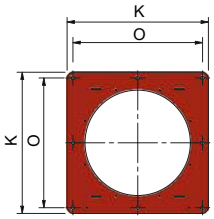
For information on choosing the length of the blast tube, refer to the Technical Information booklet.







BOILER RECOMMENDED DRILLING TEMPLATE



BURNER FLANGE

PACKAGING DIMENSIONS* (mm)

Type	l	p	h	kg
S1700X	2.396	1.886	1.969	1.360
S1900X	2.396	1.886	1.969	1.460

***VALORI INDICATIVI**

DIMENSIONS* (mm)

Type	Model	Overall dimensions																		
		AA	B BS	B BL	C	CC	D	F	G	H	J	K	L	M	N	P	U	V	W
S1700X	M-.xx.S.IT.A.1.80	751	555	640	1700	711	2270	951	659	719	637	860	968	M16	1117	790	1192	310	1398
S1700X	M-.xx.S.IT.A.1.100	751	555	640	1700	711	2438	951	659	719	775	860	968	M16	1117	790	1344	350	1398
S1700X	M-.xx.S.IT.A.1.125	751	555	640	1700	711	2300	951	659	719	732	860	968	M16	1117	790	1192	480	1398
S1900X	M-.xx.S.IT.A.1.100	751	555	640	1700	711	2438	951	659	719	775	860	968	M16	1117	790	1344	350	1398
S1900X	M-.xx.S.IT.A.1.125	751	555	640	1700	711	2300	951	659	719	732	860	968	M16	1117	790	1192	480	1398

*** The BS, BL, G, H dimensions must be confirmed from our DPT. INDICATIVE VALUES**

Attention: - The size of the gas train varies according to size and configuration.

ELECTRONIC OPERATION

Model	Gas train	Operation
M-.MD.S.IT.A.1.80.ES	DN80	MD
M-.MD.S.IT.A.1.100.ES	DN100	MD
M-.MD.S.IT.A.1.125.ES	DN125	MD

SP = Standard blast tube + aluminum air intake (1)
SR = Standard blast tube + ABS polymer (silenced) air intake
LP = Extended blast tube + aluminum air intake
LR = Extended blast tube + ABS polymer (silenced) air intake (2)
PR = Progressive Adjustment
MD (*) = Modulating adjustment
(for the MD modulating version, the Modulation Kit must be added; see the list of variants)

Modulation kit = Kit to be combined with PR Progressive versions

In the MD modulating version, the burner must be equipped with the relevant modulating probe to complete the supply.

For LPG burners, see the list of variants

(1) For applications on furnaces and rotary drums, see the version with aluminium drawer (SP). Contact Cib Unigas for any clarification.

(2) For the following versions, please contact our offices.

The products comply with European standards EN676 and EN267 and the following directives:
DIRECTIVE GAR 2016/426/EU

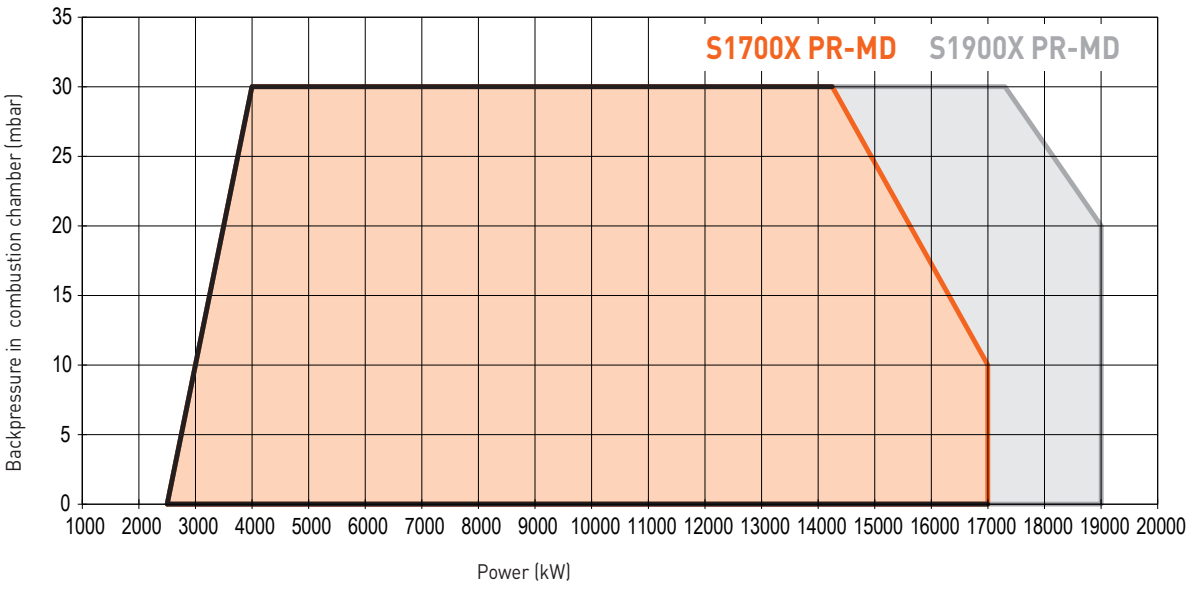
NOx emission level:
- Class 3 (<80 mg/kWh) in gas operation according to EN676

For information on choosing the length of the blast tube, refer to the Technical Information booklet.

• STEEL SUPPORTING FRAME
INCLUDED (dimensions on page 41)

Burners also compatible with GPL, H_2

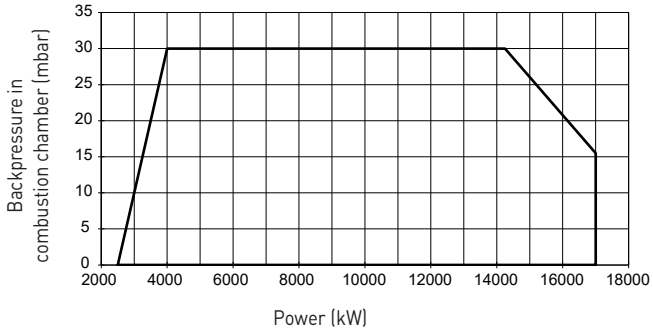
PERFORMANCE CURVES

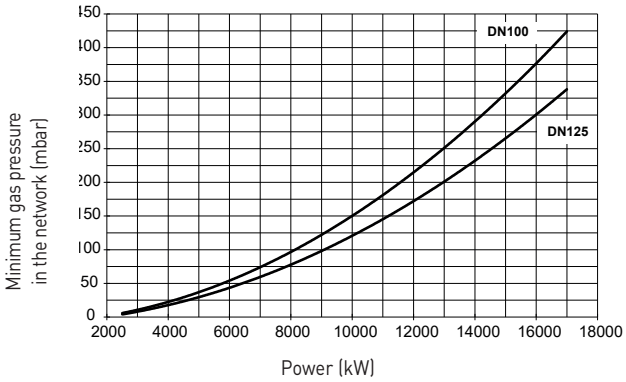


PERFORMANCE CURVES

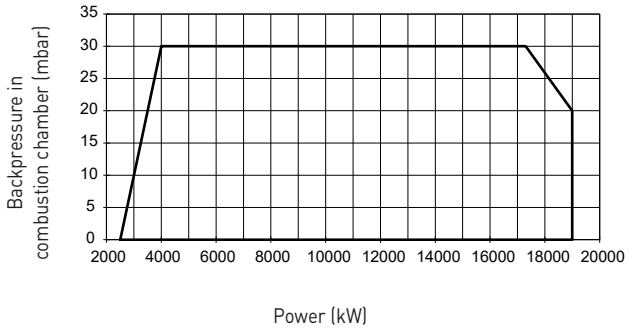
PRESSURE IN THE NETWORK

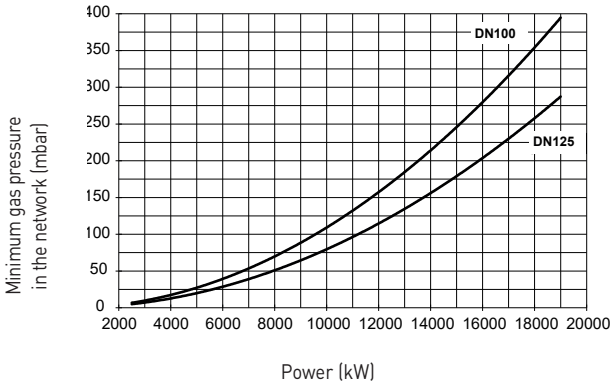
S1700X PR-MD





S1900X PR-MD





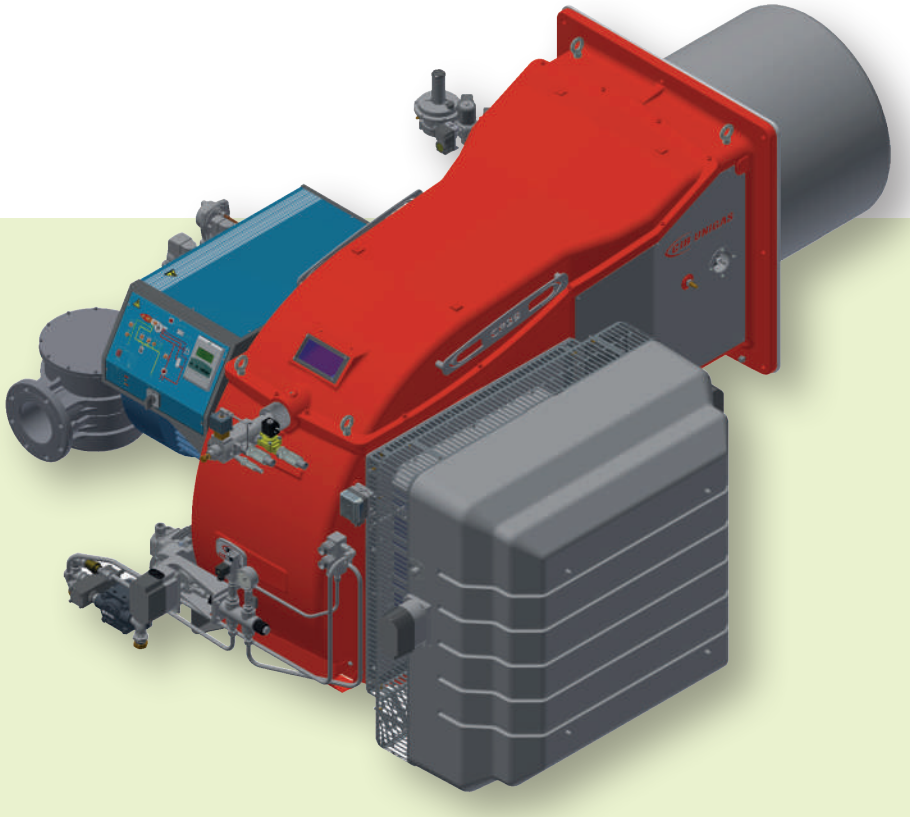
Attention:
- The working range values were determined with reference to laboratory tests with natural gas of lower calorific value Hi=34.02 MJ/Stm³ and density 0.714 kg/Stm³, (Stm³ refers to 1013 mbar and 15° C) and ambient conditions 1013 mbar and 20° C.
- To know the minimum gas pressure in the network, it is necessary to add the boiler back pressure to the value read on the curve.
- The pressure values vary depending on the configuration of the gas ramp. The minimum gas pressure curves refer to gas ramps assembled with standard supply valves.
- In the abscissa is the power value, in the ordinate the corresponding network pressure value net of the pressure in the combustion chamber. In order to know the mi nimum pressure at the ramp inlet, necessary to obtain the required gas flow, the pressure in the combustion chamber must be added to the value read on the ordinate.

HEAD X

S1700X
S1900X

Low NOx

- Low emissions (Class 3 - EN676)
- Possibility of working with innovative combustibles with low environmental impact such as
- Ample modulation range

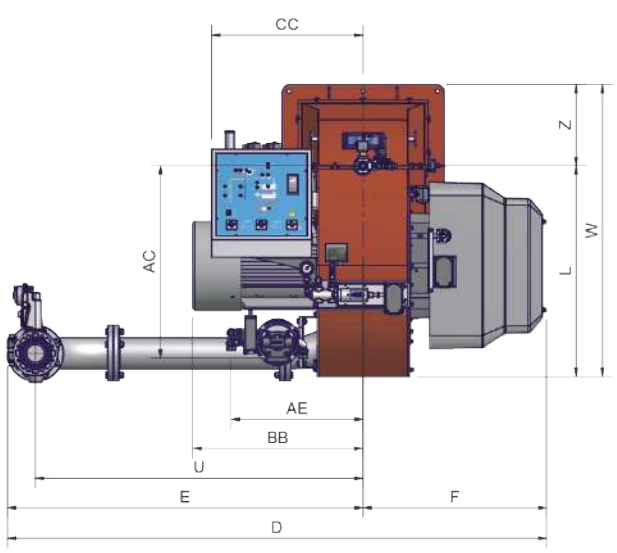


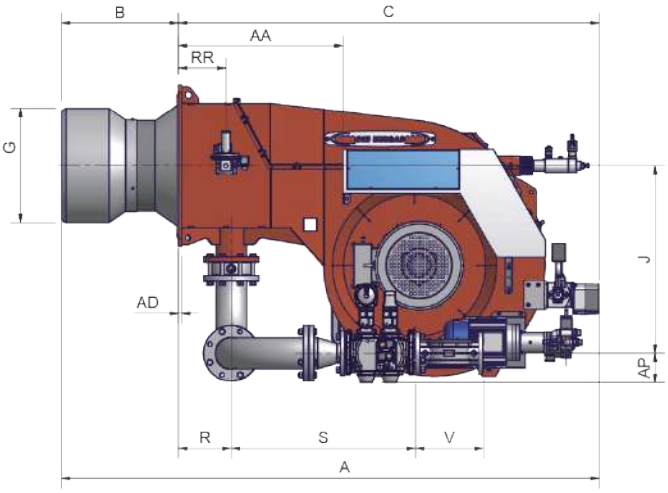
GAS / LIGHT OIL

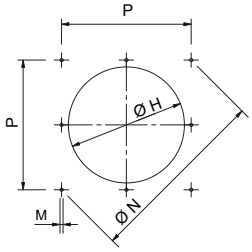
TECHNICAL SPECIFICATIONS

Type	Model	Power kW min	Power kW max	Power supply single-phase electricity auxiliary	Power supply three-phase electric motor	Fan motor kW	Pump motor kW	Gas connections	Level of noise emissions dBA
S1700X	MG.xx.S.IT.A.1.xxx.xx	2.500	17.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	45,0	5,5	DN80 - DN100 - DN125	91,7
S1900X	MG.xx.x.IT.A.1.xxx.xx	2.500	19.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	55,0	5,5	DN100 - DN125	91,7

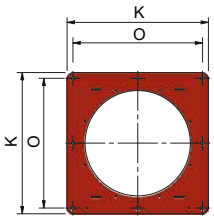
For information on choosing the length of the blast tube, refer to the Technical Information booklet.







BOILER RECOMMENDED DRILLING TEMPLATE



BURNER FLANGE

PACKAGING DIMENSIONS* (mm)

Type	l	p	h	kg
S1700X	2.396	1.886	1.969	1.410
S1900X	2.396	1.886	1.969	1.510

***INDICATIVE VALUES**

DIMENSIONS* (mm)

Type	Model	Overall dimensions																	
		AA	B BS	B BL	C	CC	D	F	G	H	J	K	L	M	N	P	U	V	W
S1700X	MG.xx.S.IT.A.1.100.xx	751	555	640	1920	711	2438	951	659	719	775	860	968	M16	1117	790	1344	350	1398
S1700X	MG.xx.S.IT.A.1.125.xx	751	555	640	1920	711	2300	951	659	719	732	860	968	M16	1117	790	1192	480	1398
S1900X	MG.xx.S.IT.A.1.100.xx	751	555	640	1920	711	2438	951	659	719	775	860	968	M16	1117	790	1344	350	1398
S1900X	MG.xx.S.IT.A.1.125.xx	751	555	640	1920	711	2300	951	659	719	732	860	968	M16	1117	790	1192	480	1398

*** The BS, BL, G, H dimensions must be confirmed from our DPT.**
INDICATIVE VALUES

Attention: - The size of the gas train varies according to size and configuration.

ELECTRONIC OPERATION

Model	Gas train	Operation
MG.MD.S.IT.A.1.80.ES	DN80	MD
MG.MD.S.IT.A.1.100.ES	DN100	MD
MG.MD.S.IT.A.1.125.ES	DN125	MD

SP = Standard blast tube + aluminum air intake (1)
SR = Standard blast tube + ABS polymer (silenced) air intake
LP = Extended blast tube + aluminum air intake
LR = Extended blast tube + ABS polymer (silenced) air intake (2)
PR = Progressive Adjustment
MD (*) = Modulating adjustment
(for the MD modulating version, the Modulation Kit must be added; see the list of variants)

Modulation kit = Kit to be combined with PR Progressive versions

In the MD modulating version, the burner must be equipped with the relevant modulating probe to complete the supply.

For LPG burners, see the list of variants

(1) Per applicazioni su forni e tamburi rotanti vedere variante con cassetto in alluminio (SP). Contattare Cib Unigas per qualsiasi chiarimento.

(2) Per le seguenti versioni vi preghiamo di contattare i nostri uffici.

The products comply with European standards EN676 and EN267 and the following directives:
DIRECTIVE GAR 2016/426/EU
DIRECTIVE Low Tension 2014/35/UE
DIRECTIVE Electromagnetic compatibility 2014/30/UE
DIRECTIVE Machinery 2006/42/CE

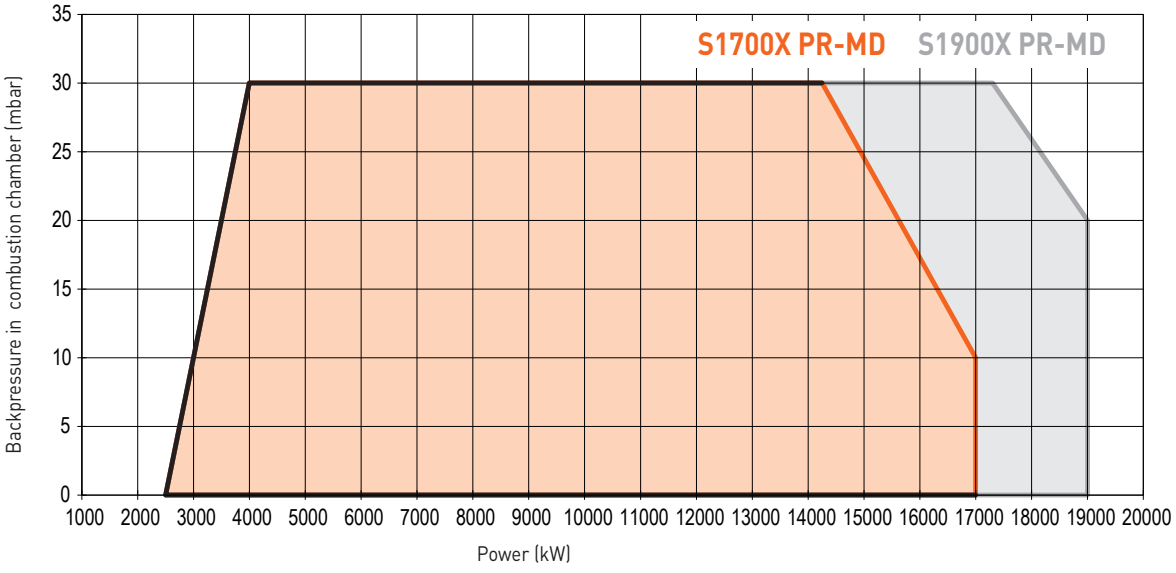
NOx emission level:
- Class 3 (<80 mg/kWh) in gas operation according to EN676
- Class 2 (<185 mg/kWh) in gas operation according to EN676

For information on choosing the length of the blast tube, refer to the Technical Information booklet.

• STEEL SUPPORTING FRAME
INCLUDED (dimensions on page 41)

Burners also compatible with GPL, H_2

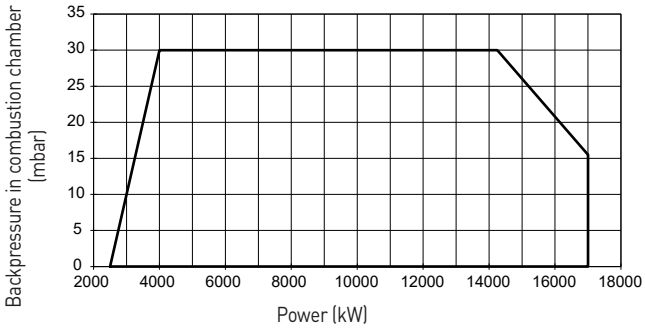
PERFORMANCE CURVES

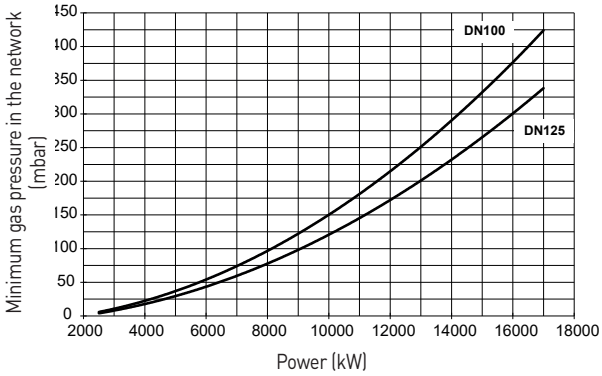


PERFORMANCE CURVES

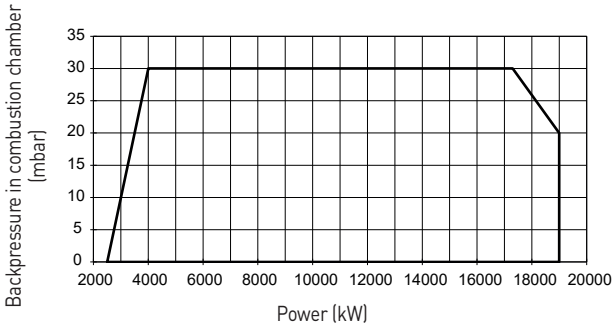
PRESSURE IN THE NETWORK

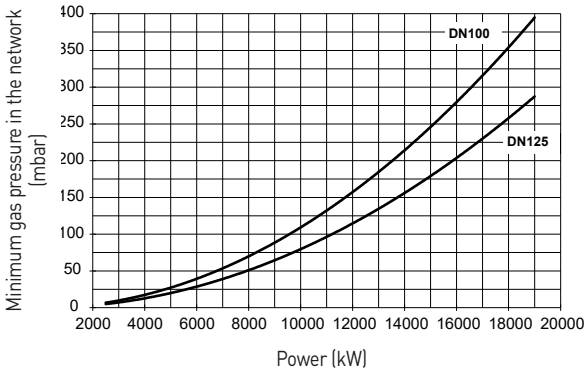
S1700A PR-MD





S1900A PR-MD





Attention:
- The working range values were determined with reference to laboratory tests with natural gas of lower calorific value Hi=34.02 MJ/Stm³ and density 0.714 kg/Stm³, (Stm³ refers to 1013 mbar and 15° C) and ambient conditions 1013 mbar and 20° C.
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- The pressure values vary depending on the configuration of the gas ramp. The minimum gas pressure curves refer to gas ramps assembled with standard supply valves.
- In the abscissa is the power value, in the ordinate the corresponding network pressure value net of the pressure in the combustion chamber. In order to know the mi nimum pressure at the ramp inlet, necessary to obtain the required gas flow, the pressure in the combustion chamber must be added to the value read on the ordinate.

HEAD V

S1900V

Ultra Low NOx

Low emissions (Class 4 - EN676)

Wide modulation range

GAS

TECHNICAL SPECIFICATIONS

Type	Model	Potenza kW min	Potenza kW max	Alimentazione elettrica monofase ausiliari	Alimentazione elettrica trifase motore	Motore ventilatore kW	Attacchi gas	Livello di emissioni sonore dBA
S1900V	M-.xx.S.IT.A.1.xxx	2.820	18.050	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	55,0	DN100 - DN125	91,7

For information on choosing the length of the blast tube, refer to the Technical Information booklet.

DIMENSIONS* (mm)

Not available

ELECTRONIC OPERATION

Model	Gas train	Operation
M-.MD.S.IT.A.1.100.ES	DN100	MD
M-.MD.S.IT.A.1.125.ES	DN125	MD

SP = Standard blast tube + aluminum air intake (1)
SR = Standard blast tube + ABS polymer (silenced) air intake
LP = Extended blast tube + aluminum air intake
LR = Extended blast tube + ABS polymer (silenced) air intake (2)
PR = Progressive Adjustment
MD (*) = Modulating adjustment
(for the MD modulating version, the Modulation Kit must be added; see the list of variants)

Modulation kit = Kit to be combined with PR Progressive versions

In the MD modulating version, the burner must be equipped with the relevant modulating probe to complete the supply.

For LPG burners, see the list of variants

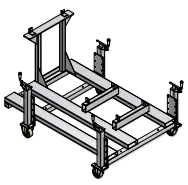
(1) For applications on furnaces and rotary drums, see the version with aluminium drawer (SP). Contact Cib Unigas for any clarification.

(2) For the following versions, please contact our offices.

The products comply with European standards EN676 and EN267 and the following directives:
DIRECTIVE GAR 2016/426/EU

NOx emission level:
- Class 4 (<60 mg/kWh) in gas operation according to EN676

For information on choosing the length of the blast tube, refer to the Technical Information booklet.



SUPPORTING FRAME

INCLUDED (dimensions on page 41)

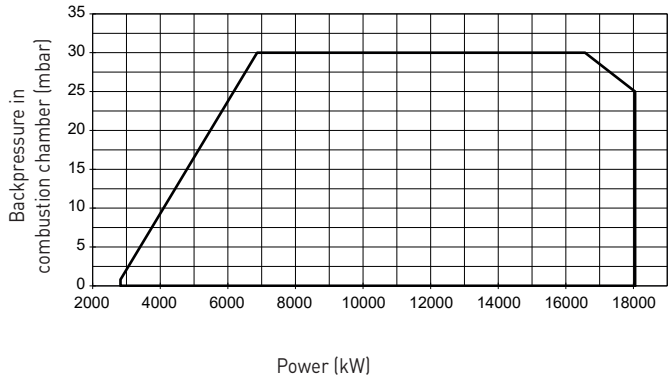
Burners also compatible with GPL, H_2

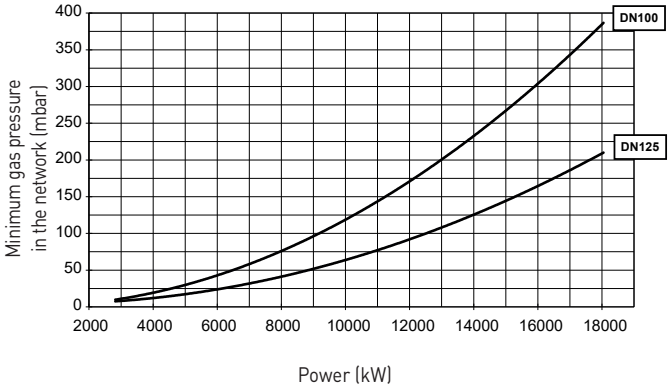
Attention: - The size of the gas train varies according to size and configuration.

PERFORMANCE CURVES

PRESSURE IN THE NETWORK

S1900V PR-MD





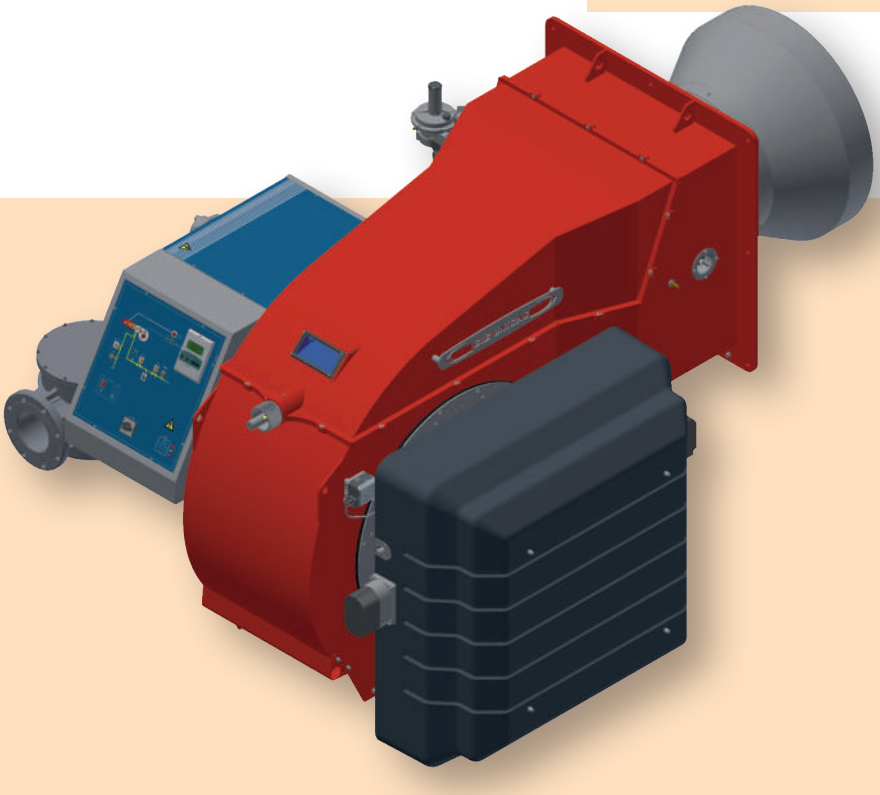
Attention:
- The working range values were determined with reference to laboratory tests with natural gas of lower calorific value Hi=34.02 MJ/Stm³ and density 0.714 kg/Stm³, (Stm³ refers to 1013 mbar and 15° C) and ambient conditions 1013 mbar and 20° C.
- To know the minimum gas pressure in the network, it is necessary to add the boiler back pressure to the value read on the curve.
- The pressure values vary depending on the configuration of the gas ramp. The minimum gas pressure curves refer to gas ramps assembled with standard supply valves.
- In the abscissa is the power value, in the ordinate the corresponding network pressure value net of the pressure in the combustion chamber. In order to know the mi nimum pressure at the ramp inlet, necessary to obtain the required gas flow, the pressure in the combustion chamber must be added to the value read on the ordinate.

HEAD A

S1700A
S1900A

Highly flexible burners

- Extensive flexibility
- Adjustment flexibility
- Possibility of working with all types of vacuum furnaces
- Many types of civil and industrial applications

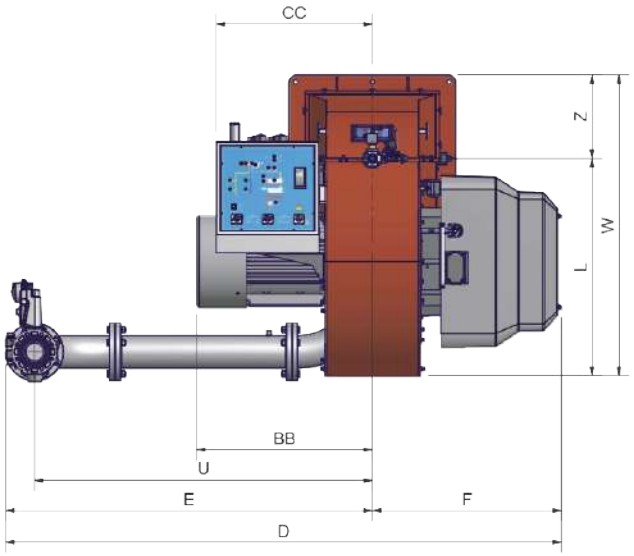


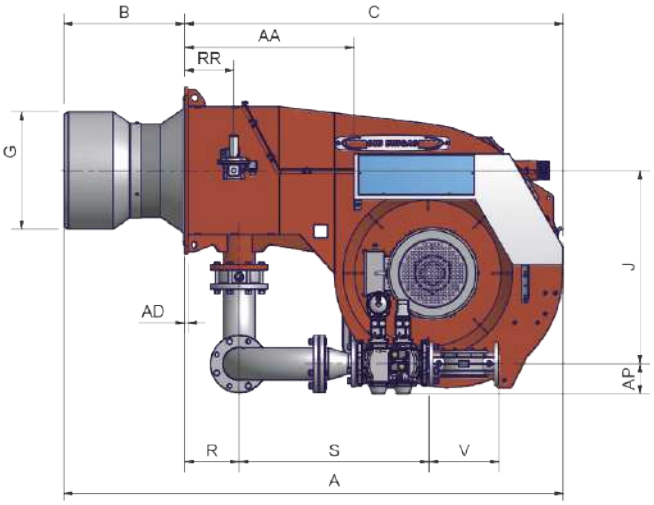
GAS

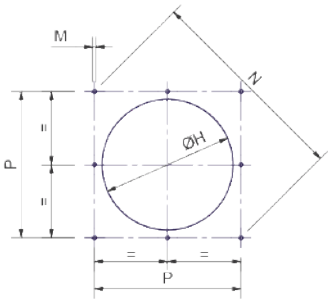
TECHNICAL SPECIFICATIONS

Type	Model	Power kW min	Power kW max	Power supply single-phase electricity auxiliary	Power supply three-phase electric motor	Fan motor kW	Gas connections	Level of noise emissions dBA
S1700A	M-.xx.S.IT.A.1.xxx.xx	2.500	17.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	45,0	DN80 - DN100 - DN125	91,7
S1900A	M-.xx.S.IT.A.1.xxx.xx	2.500	19.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	55,0	DN100 - DN125	91,7

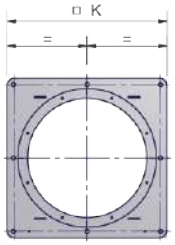
For information on choosing the length of the blast tube, refer to the Technical Information booklet.







BOILER RECOMMENDED DRILLING TEMPLATE



BURNER FLANGE

PACKAGING DIMENSIONS* (mm)

Type	l	p	h	kg
S1700P	2.396	1.886	1.969	1360
S1900P	2.396	1.886	1.969	1460

***INDICATIVE VALUES**

DIMENSIONS* (mm)

Type	Model	Overall dimensions																
		AA	B	C	CC	D	F	G	H	J	K	L	M	N	P	U	V	W
S1700A	M-.xx.S.IT.A.1.80	751	517	1700	711	2270	951	648	708	637	860	968	M16	1117	790	1192	310	1398
S1700A	M-.xx.S.IT.A.1.100	751	517	1700	711	2438	951	648	708	775	860	968	M16	1117	790	1344	350	1398
S1700A	M-.xx.S.IT.A.1.125	751	517	1700	711	2300	951	648	708	732	860	968	M16	1117	790	1192	480	1398
S1900A	M-.xx.S.IT.A.1.100	751	540	1700	711	2438	951	700	760	775	860	968	M16	1117	790	1344	310	1398
S1900A	M-.xx.S.IT.A.1.125	751	540	1700	711	2300	951	700	760	732	860	968	M16	1117	790	1192	350	1398

*** The B, H, G dimensions must be confirmed from our DPT. INDICATIVE VALUES**

Attention: - The size of the gas train varies according to size and configuration.

ELECTRONIC OPERATION

Model	Gas train	Operation
M-.MD.S.IT.A.1.80.ES	DN80	MD
M-.MD.S.IT.A.1.100.ES	DN100	MD
M-.MD.S.IT.A.1.125.ES	DN 125	MD

SP = Standard blast tube + aluminum air intake (1)
SR = Standard blast tube + ABS polymer (silenced) air intake
LP = Extended blast tube + aluminum air intake
LR = Extended blast tube + ABS polymer (silenced) air intake (2)
PR = Progressive Adjustment
MD (*) = Modulating adjustment
(for the MD modulating version, the Modulation Kit must be added; see the list of variants)

Modulation kit = Kit to be combined with PR Progressive versions

In the MD modulating version, the burner must be equipped with the relevant modulating probe to complete the supply.

For LPG burners, see the list of variants

(1) For applications on furnaces and rotary drums, see the version with aluminium drawer (SP). Contact Cib Unigas for any clarification.

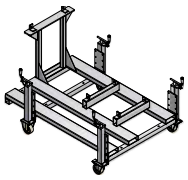
(2) For the following versions, please contact our offices.

The products comply with European standards EN676 and EN267 and the following directives:
DIRECTIVE GAR 2016/426/EU

NOx emission level:
- Class 2 (<120 mg/kWh) in gas operation according to EN676

For information on choosing the length of the blast tube, refer to the Technical Information booklet.

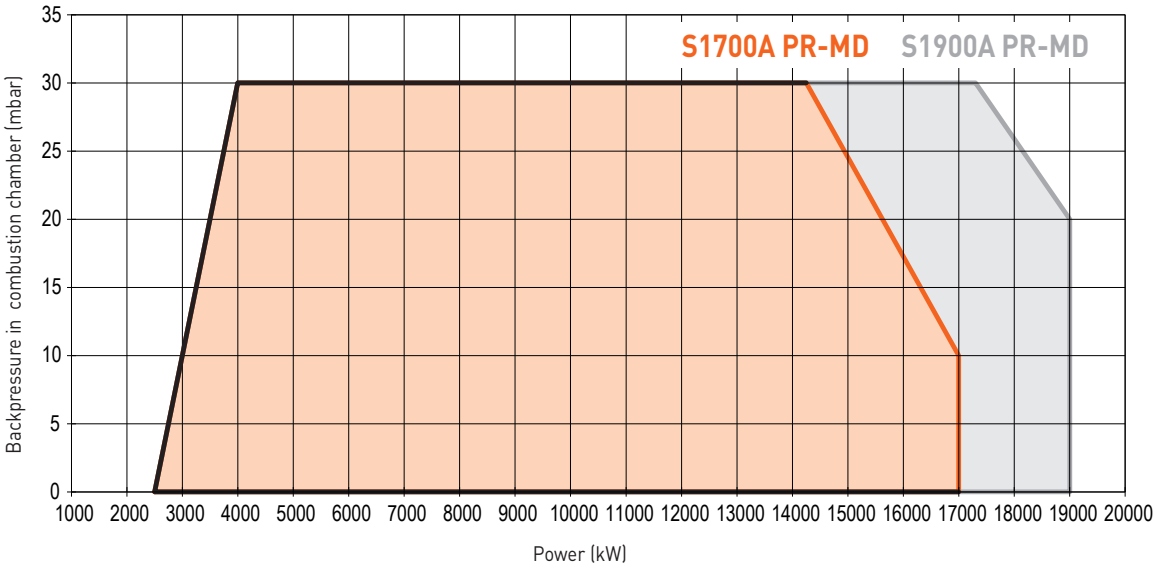
Burners also compatible with GPL, biogas, syngas, off gas



SUPPORTING FRAME

INCLUDED (dimensions on page 41)

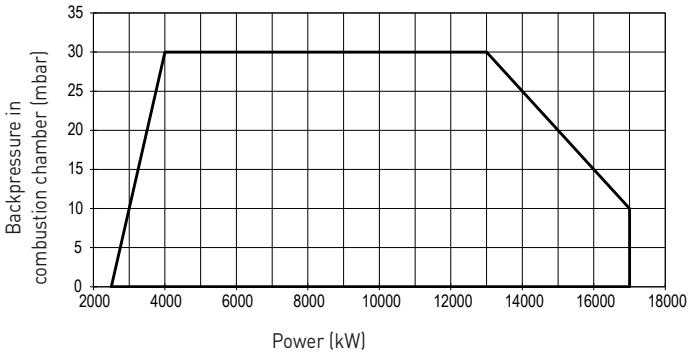
PERFORMANCE CURVES

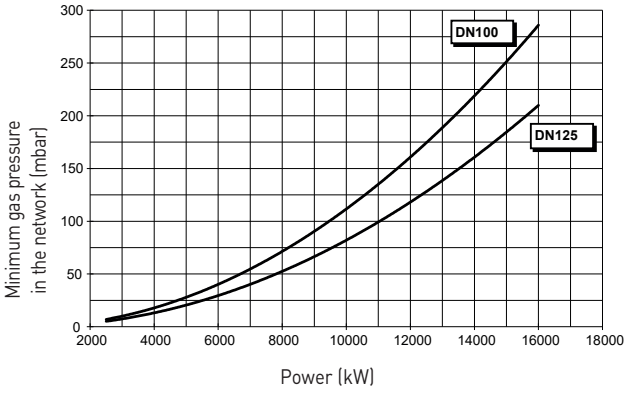


PERFORMANCE CURVES

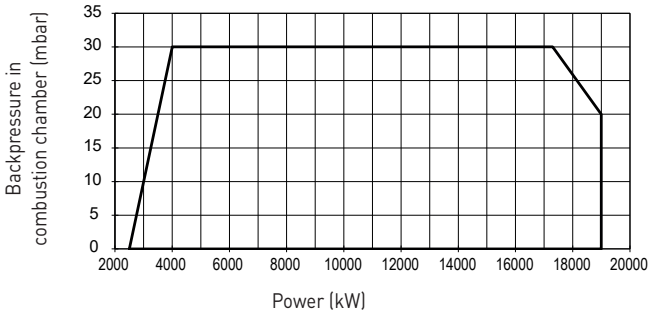
PRESSURE IN THE NETWORK

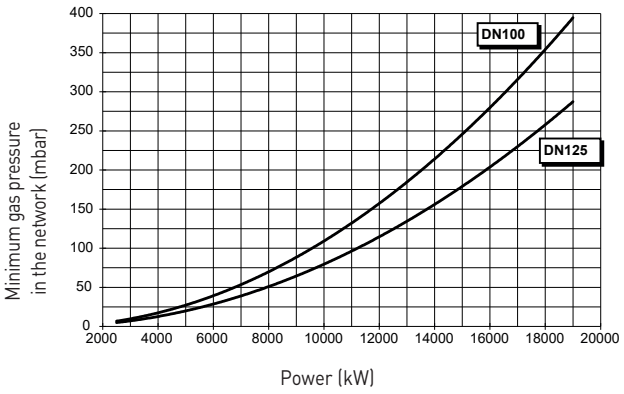
S1700A PR-MD





S1900A PR-MD





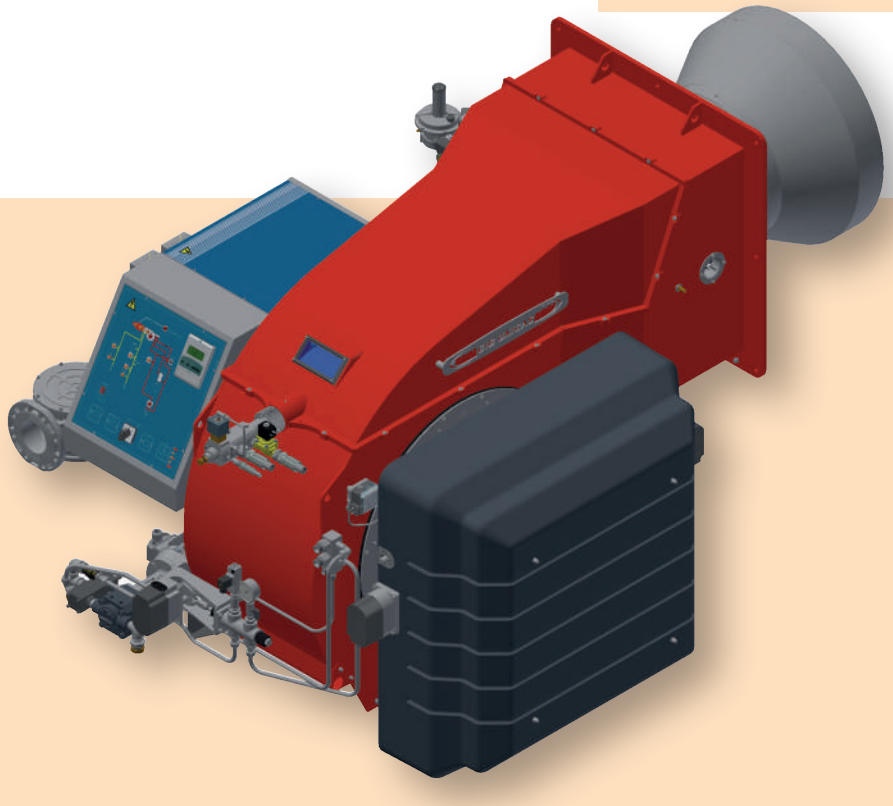
Attention:
- The working range values were determined with reference to laboratory tests with natural gas of lower calorific value Hi=34.02 MJ/Stm³ and density 0.714 kg/Stm³, (Stm³ refers to 1013 mbar and 15° C) and ambient conditions 1013 mbar and 20° C.
- To know the minimum gas pressure in the network, it is necessary to add the boiler back pressure to the value read on the curve.
- The pressure values vary depending on the configuration of the gas ramp. The minimum gas pressure curves refer to gas ramps assembled with standard supply valves.
- In the abscissa is the power value, in the ordinate the corresponding network pressure value net of the pressure in the combustion chamber. In order to know the mi nimum pressure at the ramp inlet, necessary to obtain the required gas flow, the pressure in the combustion chamber must be added to the value read on the ordinate.

HEAD A

S1700A
S1900A

Highly flexible burners

- Extensive flexibility
- Adjustment flexibility
- Possibility of working with all types of vacuum furnaces
- Many types of civil and industrial applications

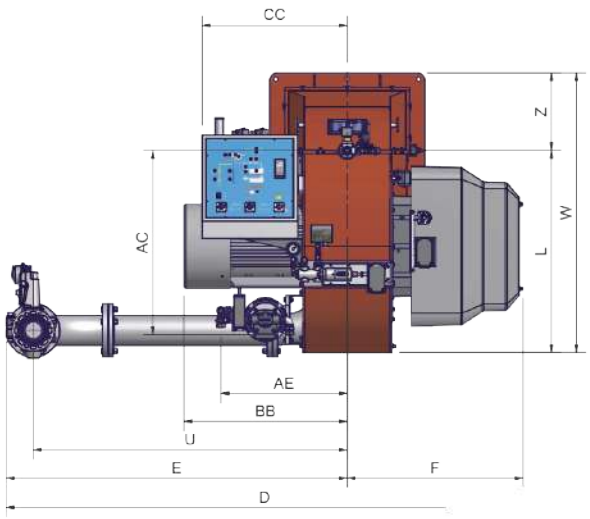


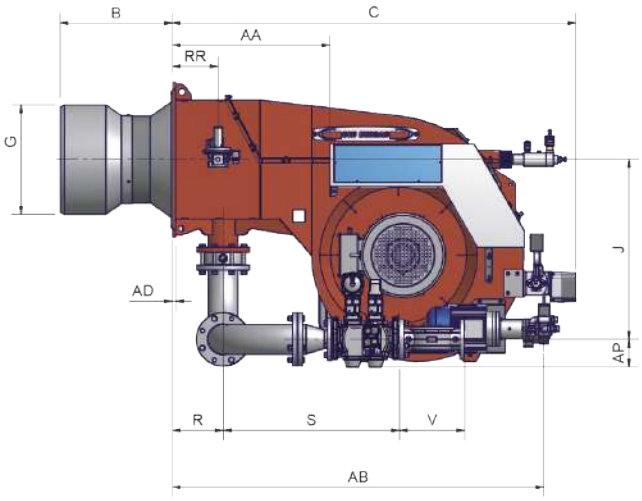
GAS / LIGHT OIL

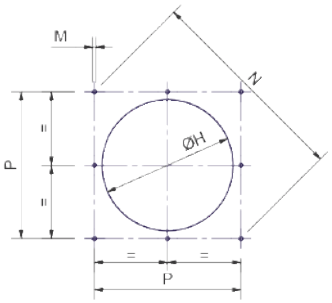
TECHNICAL SPECIFICATIONS

Type	Model	Power kW min	Power kW max	Power supply single-phase electricity auxiliary	Power supply three-phase electric motor	Fan motor kW	Pump motor kW	Gas connections	Level of noise emissions dBA
S1700A	MG.xx.S.IT.A.1.xxx.xx	2.500	17.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	45,0	5,5	DN80 - DN100 - DN125	91,7
S1900A	MG.xx.S.IT.A.1.xxx.xx	2.500	19.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	55,0	5,5	DN100 - DN125	91,7

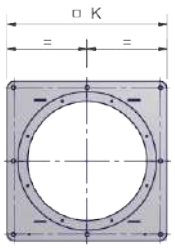
For information on choosing the length of the blast tube, refer to the Technical Information booklet.







BOILER RECOMMENDED DRILLING TEMPLATE



BURNER FLANGE

PACKAGING DIMENSIONS* (mm)

Type	l	p	h	kg
S1700A	2.396	1.886	1.969	1.410
S1900A	2.396	1.886	1.969	1.510

***INDICATIVE VALUES**

DIMENSIONS* (mm)

Type	Model	Overall dimensions															
		B	C	CC	D	F	G	H	J	K	L	M	N	P	U	V	W
S1700A	MG.xx.S.IT.A.1.80.xx	500	1920	711	2270	951	648	708	637	860	968	M16	1117	790	1192	310	1398
S1700A	MG.xx.S.IT.A.1.100.xx	500	1920	711	2438	951	648	708	775	860	968	M16	1117	790	1344	350	1398
S1700A	MG.xx.S.IT.A.1.125.xx	500	1920	711	2300	951	648	708	732	860	968	M16	1117	790	1192	480	1398
S1900A	MG.xx.S.IT.A.1.100.xx	540	1920	711	2438	951	700	760	775	860	968	M16	1117	790	1344	350	1398
S1900A	MG.xx.S.IT.A.1.125.xx	540	1920	711	2300	951	700	760	732	860	968	M16	1117	790	1192	480	1398

*** The B, H, G dimensions must be confirmed from our DPT.**
INDICATIVE VALUES

Attention: - The size of the gas train varies according to size and configuration.

ELECTRONIC OPERATION

Model	Gas train	Operation
MG-.MD.S.IT.A.1.80.ES	DN80	MD
MG-.MD.S.IT.A.1.100.ES	DN100	MD
MG-.MD.S.IT.A.1.125.ES	DN 125	MD

SP = Standard blast tube + aluminum air intake (1)
SR = Standard blast tube + ABS polymer (silenced) air intake
LP = Extended blast tube + aluminum air intake
LR = Extended blast tube + ABS polymer (silenced) air intake (2)
PR = Progressive Adjustment
MD (*) = Modulating adjustment
(for the MD modulating version, the Modulation Kit must be added; see the list of variants)

Modulation kit = Kit to be combined with PR Progressive versions

In the MD modulating version, the burner must be equipped with the relevant modulating probe to complete the supply.

For LPG burners, see the list of variants

(1) For applications on furnaces and rotary drums, see the version with aluminium drawer (SP). Contact Cib Unigas for any clarification.

(2) For the following versions, please contact our offices.

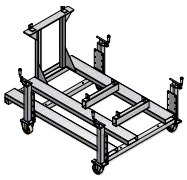
The products comply with European standards EN676 and EN267 and the following directives:
DIRECTIVE GAR 2016/426/EU
DIRECTIVE Low Tension 2014/35/UE
DIRECTIVE Electromagnetic compatibility 2014/30/UE
DIRECTIVE Machinery 2006/42/CE

NOx emission level:
- Class 2 (<120 mg/kWh) in gas operation according to EN676
- Class 1 (< 250 mg/kWh) in light oil operation according to EN267

For information on choosing the length of the blast tube, refer to the Technical Information booklet.

Burners also compatible with GPL, biogas, syngas, off gas, H_2

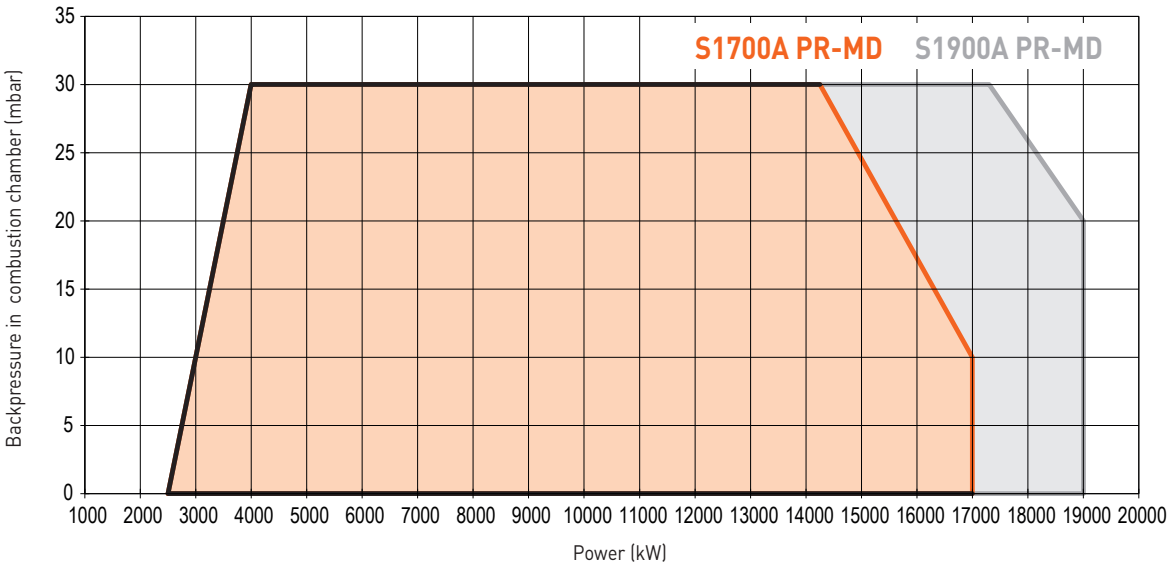
Burners also compatible with bio-oli



SUPPORTING FRAME

INCLUDED (dimensions on page 41)

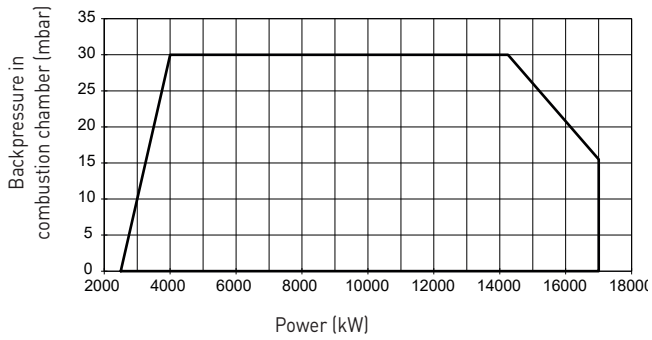
PERFORMANCE CURVES

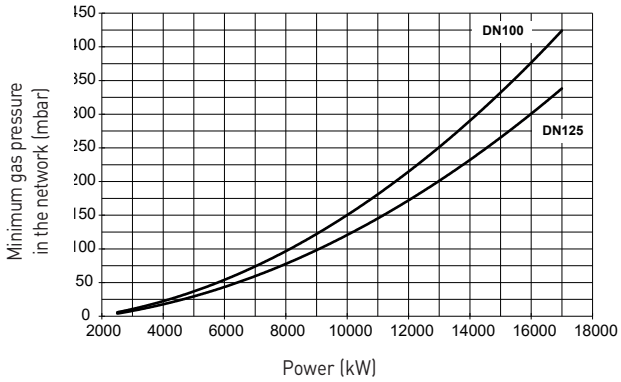


PERFORMANCE CURVES

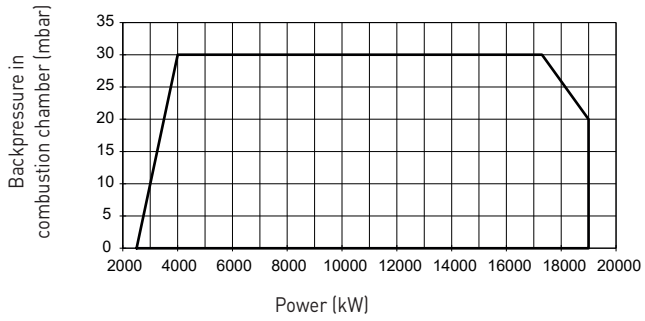
PRESSURE IN THE NETWORK

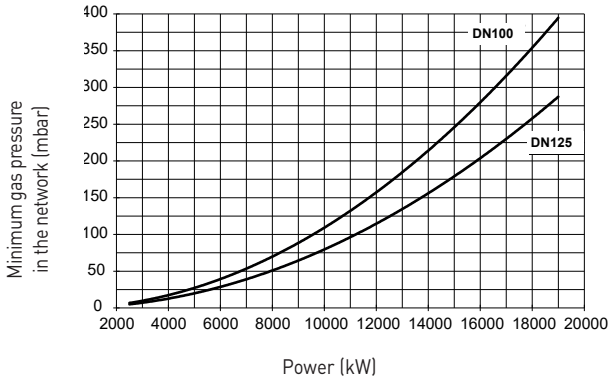
S1700A PR-MD





S1900A PR-MD





Attention:

- The working range values were determined with reference to laboratory tests with natural gas of lower calorific value Hi=34.02 MJ/Stm³ and density 0.714 kg/Stm³, (Stm³ refers to 1013 mbar and 15° C) and ambient conditions 1013 mbar and 20° C.
- To know the minimum gas pressure in the network, it is necessary to add the boiler back pressure to the value read on the curve.
- The pressure values vary depending on the configuration of the gas ramp. The minimum gas pressure curves refer to gas ramps assembled with standard supply valves.
- In the abscissa is the power value, in the ordinate the corresponding network pressure value net of the pressure in the combustion chamber. In order to know the mi nimum pressure at the ramp inlet, necessary to obtain the required gas flow, the pressure in the combustion chamber must be added to the value read on the ordinate.

HEAD P

S1700P
S1900P

High-power industrial applications

- Also available in duablok version (with separate fan)
- High reliability and robustness in industrial use
- For all special applications: including bio-oils
- Also suitable for waste fuels/recovered fuels



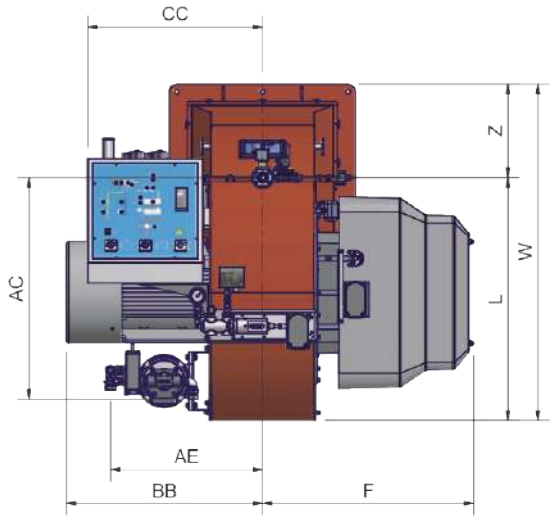
LIGHT OIL

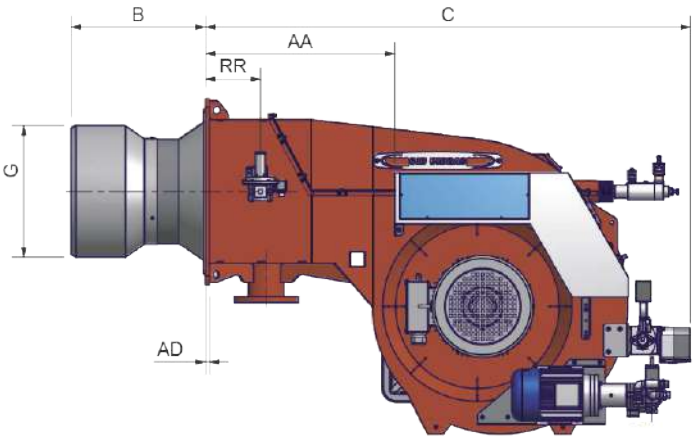
HEAVY OIL

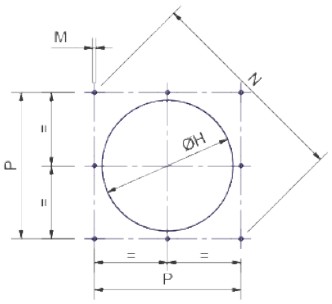
GAS / HEAVY OIL

TECHNICAL SPECIFICATIONS

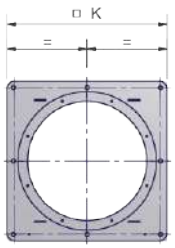
Type	Model	Power kW min	Power kW max	Power supply single-phase electricity auxiliary	Power supply three-phase electric motor	Fan motor kW	Pump motor kW	Level of noise emissions dBA
S1700P	G-.xx.x.IT.A	2.500	17.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	45	5,5	91,7
S1900P	G-.xx.x.IT.A	2.500	19.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	55	5,5	91,7







BOILER RECOMMENDED DRILLING TEMPLATE



BURNER FLANGE

PACKAGING DIMENSIONS* (mm)

Type	l	p	h	kg
S1700P	2396	1886	1969	1370
S1900P	2396	1886	1969	1470

***INDICATIVE VALUES**

DIMENSIONS* (mm)

Type	Model	Overall dimensions													
		AA	B	C	CC	F	G	H	K	L	M	N	P	W	Z
S1700P	G.xx.IT.A.xx	741	*	1890	735	846	*	*	850	949	M16	1117	790	1374	425
S1900P	G.xx.IT.A.xx	741	*	1890	735	846	*	*	850	949	M16	1117	790	1374	425

*** The B, H, G dimensions must be confirmed from our DPT.**
INDICATIVE VALUES

Attention: - The size of the gas train varies according to size and configuration.

ELECTRONIC OPERATION

Model	Operation
G-.MD.S.IT.A.ES	MD

SP = Standard blast tube + aluminum air intake (1)
SR = Standard blast tube + ABS polymer (silenced) air intake
LP = Extended blast tube + aluminum air intake
LR = Extended blast tube + ABS polymer (silenced) air intake (2)
PR = Progressive Adjustment
MD (*) = Modulating adjustment
(for the MD modulating version, the Modulation Kit must be added; see the list of variants)

Modulation kit = Kit to be combined with PR Progressive versions

In the MD modulating version, the burner must be equipped with the relevant modulating probe to complete the supply.

(1) For applications on furnaces and rotary drums, see the version with aluminium drawer (SP). Contact Cib Unigas for any clarification.

The products comply with European standards EN676 and EN267 and the following directives:
DIRECTIVE Low Tension 2014/35/UE
DIRECTIVE Electromagnetic compatibility 2014/30/UE
DIRECTIVE Machinery 2006/42/CE

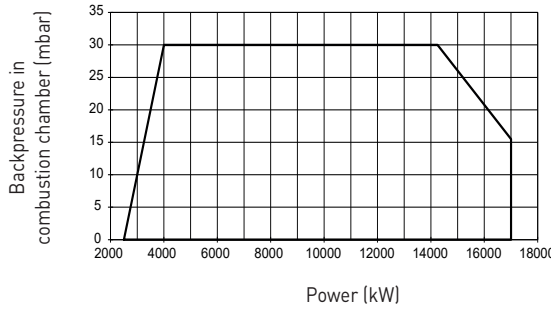
For information on choosing the length of the blast tube, refer to the Technical Information booklet.

• STEEL SUPPORTING FRAME
INCLUDED (dimensions on page 41)

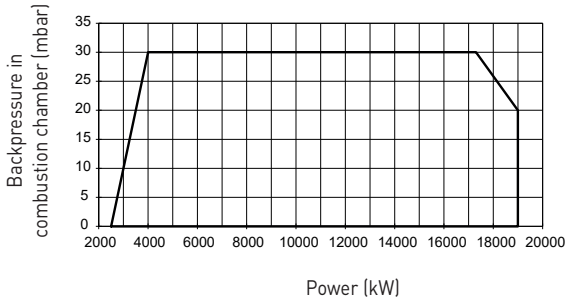
Burners also compatible with bio-oli

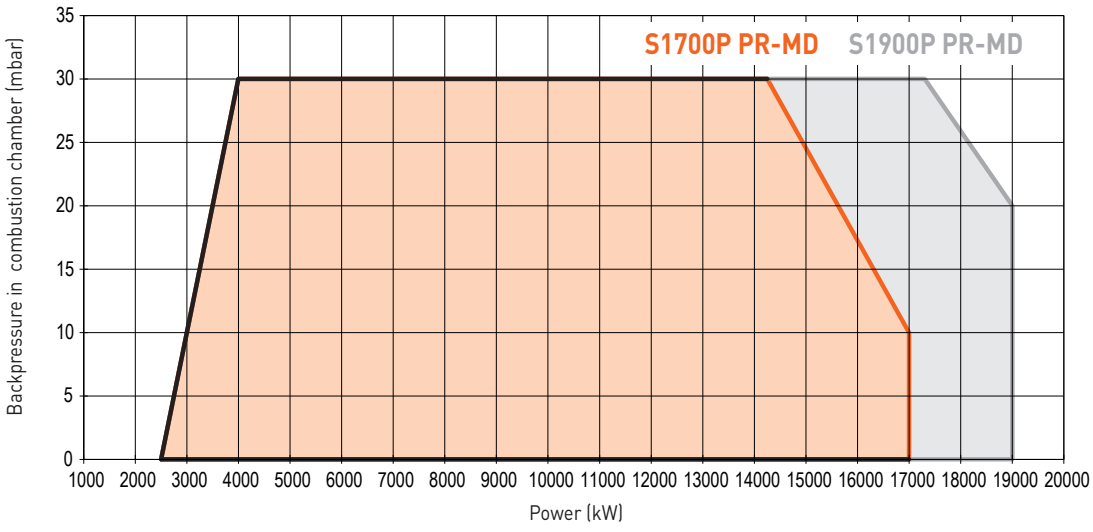
PERFORMANCE CURVES

S1700P PR-MD



S1900P PR-MD

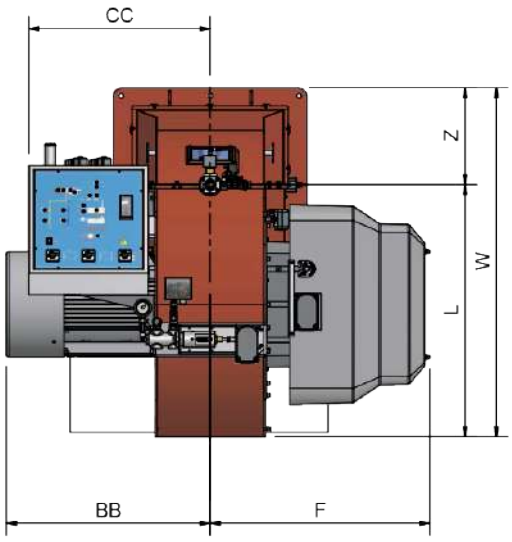


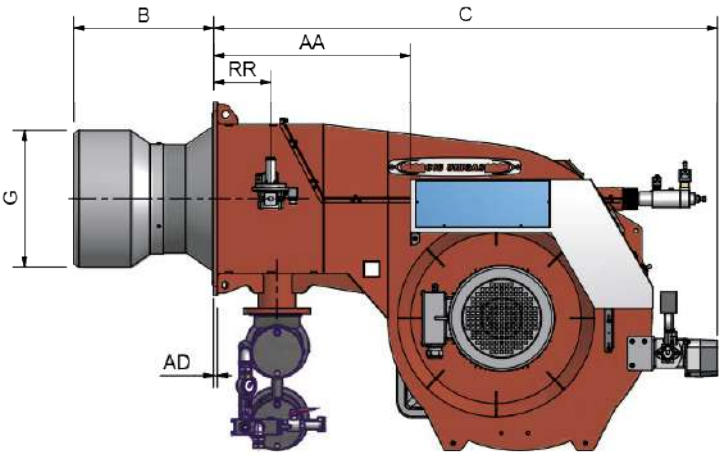


MECHANICAL ATOMIZATION viscosity 400 cSt at 50°C (50°E at 50°C)

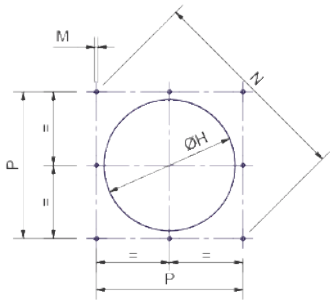
TECHNICAL SPECIFICATIONS

Type	Model	Power kW min	Power kW max	Power supply single-phase electricity auxiliary	Power supply three-phase electric motor	Fan motor kW	Pump motor kW	Resistor kW	Level of noise emissions dBA
S1700P	x-.xx.S.IT.A	2.500	16.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	45	5,5	24+24	91,7
S1900P	x-.xx.S.IT.A	2.500	19.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	55	5,5	24+24	91,7

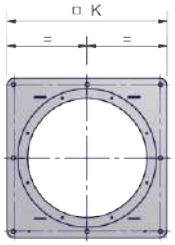




Low pressure pump set (pump, motor and filter) is included, but supplied loose (not assembled on the burner).



BOILER RECOMMENDED DRILLING TEMPLATE



BURNER FLANGE

Boiler drilling drill must be confirmed according the firing head

PACKAGING DIMENSIONS* (mm)

Type	l	p	h	kg
S1700P	2.396	1.886	1.969	1.410
S1900P	2.396	1.886	1.969	1.510

***INDICATIVE VALUES**

DIMENSIONS* (mm)

Type	Model	Overall dimensions												
		AA	B	C	CC	F	G	H	K	L	M	N	P	W
S1700P	x.xx.S.IT.A.xx	741	*	1890	735	846	*	*	850	949	M16	1117	790	1374
S1900P	x.xx.S.IT.A.xx	741	*	1890	735	846	*	*	850	949	M16	1117	790	1374

*** The B, H, G dimensions must be confirmed from our DPT.**
INDICATIVE VALUES

Attention: - The size of the gas train varies according to size and configuration.

ELECTRONIC OPERATION

Model	Operation
HEAVY OIL 400 cSt at 50°C (50°E at 50°C)	
D-.MD.S.IT.A.ES	MD

SP = Standard blast tube + aluminum air intake (1)
SR = Standard blast tube + ABS polymer (silenced) air intake
LP = Extended blast tube + aluminum air intake
LR = Extended blast tube + ABS polymer (silenced) air intake (2)
PR = Progressive Adjustment
MD (*) = Modulating adjustment
(for the MD modulating version, the Modulation Kit must be added; see the list of variants)

Modulation kit = Kit to be combined with PR Progressive versions

In the MD modulating version, the burner must be equipped with the relevant modulating probe to complete the supply.

Burners also compatible with bio-oli

(1) For applications on furnaces and rotary drums, see the version with aluminium drawer (SP). Contact Cib Unigas for any clarification.

(2) For the following versions, please contact our offices.

The products comply with European standards EN676 and EN267 and the following directives:
DIRECTIVE Low Tension 2014/35/UE
DIRECTIVE Electromagnetic compatibility 2014/30/UE
DIRECTIVE Machinery 2006/42/CE

For information on choosing the length of the blast tube, refer to the Technical Information booklet.

- OIL PUMP IN A SEPARATE SUPPORT

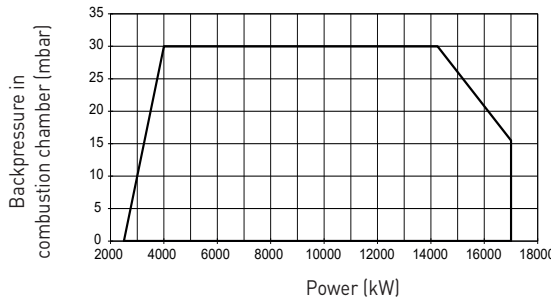
(to see on pag. 41)

- STEEL SUPPORTING FRAME

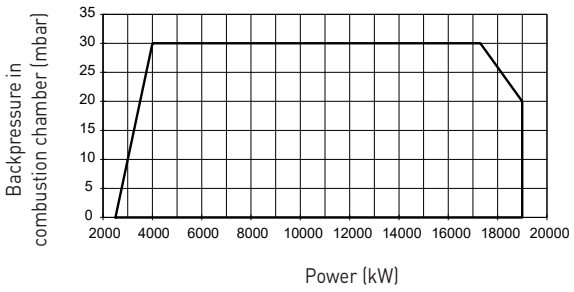
INCLUDED (dimensions on page 41)

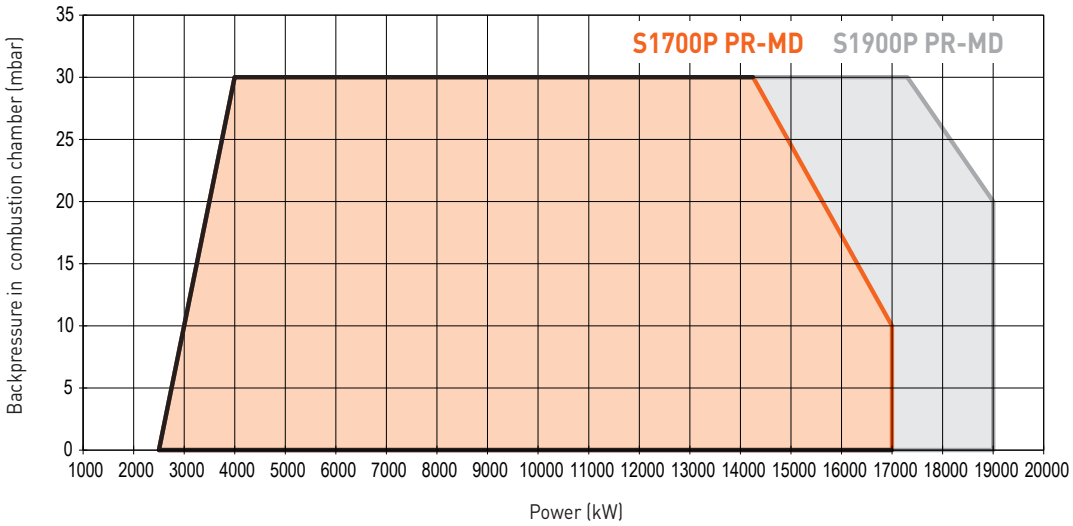
PERFORMANCE CURVES

S1700P PR-MD



S1900P PR-MD



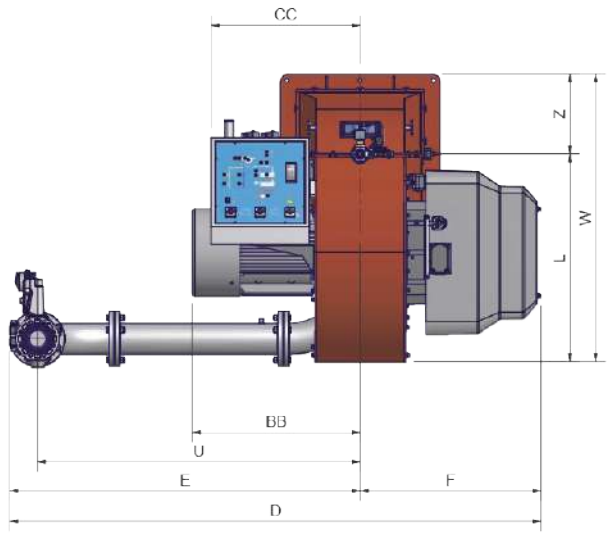


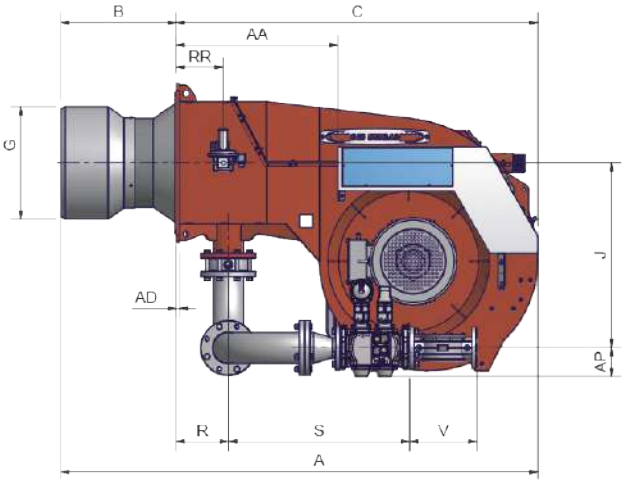
MECHANICAL ATOMIZATION viscosity 400 cSt at 50°C (50°E at 50°C)

TECHNICAL SPECIFICATIONS

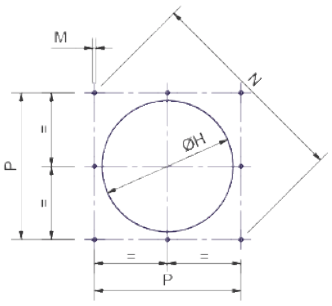
Type	Model	Power kW min	Power kW max	Power supply single-phase electricity auxiliary	Power supply three-phase electric motor	Fan motor kW	Pump motor kW	Resistor kW	Gas connections	Level of noise emissions dBA
S1700P	MN.xx.S.IT.A.1.xxx.xx	2.500	17.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	45	5,5	24÷24	DN80 - DN100 - DN125	91,7
S1900P	MN.xx.S.IT.A.1.xxx.xx	2.500	19.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	55	5,5	24÷24	DN100 - DN125	91,7

For information on choosing the length of the blast tube, refer to the Technical Information booklet.

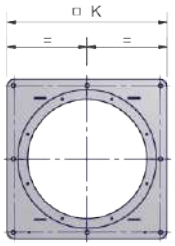




Low pressure pump set (pump, motor and filter) is included, but supplied loose (not assembled on the burner).



BOILER RECOMMENDED DRILLING TEMPLATE



BURNER FLANGE

PACKAGING DIMENSIONS* (mm)

Type	l	p	h	kg
S1700P	2.396	1.886	1.969	1.510
S1900P	2.396	1.886	1.969	1.610

***INDICATIVE VALUES**

DIMENSIONS* (mm)

Type	Model	Overall dimensions																
		AA	B	C	CC	D	F	G	H	J	K	L	M	N	P	U	V	W
S1700P	Mx.xx.S.IT.A.1.80.xx	741	*	1890	735	2309	846	*	*	775	850	949	M16	1117	790	1336	310	1374
S1700P	Mx.xx.S.IT.A.1.100.xx	741	*	1890	735	2325	846	*	*	775	850	949	M16	1117	790	1336	350	1374
S1700P	Mx.xx.S.IT.A.1.125.xx	741	*	1890	735	2343	846	*	*	775	850	949	M16	1117	790	1336	480	1374
S1900P	Mx.xx.S.IT.A.1.100.xx	741	*	1890	735	2325	846	*	*	775	850	949	M16	1117	790	1336	350	1374
S1900P	Mx.xx.S.IT.A.1.125.xx	741	*	1890	735	2343	846	*	*	775	850	949	M16	1117	790	1336	480	1374

*** The B, H, G dimensions must be confirmed from our DPT.**
INDICATIVE VALUES

Attention: - The size of the gas train varies according to size and configuration.

ELECTRONIC OPERATION

Model	Gas train	Operation
HEAVY OIL 50 cSt at 50°C (7°E at 50°C)		
MD-.MD.S.IT.A.1.80.ES	DN80	MD
MD-.MD.S.IT.A.1.100.ES	DN100	MD
MD-.MD.S.IT.A.1.125.ES	DN125	MD

The products comply with European standards EN676 and EN267 and the following directives:
DIRECTIVE GAR 2016/426/EU
DIRECTIVE Low Tension 2014/35/UE
DIRECTIVE Electromagnetic compatibility 2014/30/UE
DIRECTIVE Machinery 2006/42/CE

SP = Standard blast tube + aluminum air intake (1)
SR = Standard blast tube + ABS polymer (silenced) air intake
LP = Extended blast tube + aluminum air intake
LR = Extended blast tube + ABS polymer (silenced) air intake (2)
PR = Progressive Adjustment
MD (*) = Modulating adjustment
(for the MD modulating version, the Modulation Kit must be added; see the list of variants)

Modulation kit = Kit to be combined with PR Progressive versions

In the MD modulating version, the burner must be equipped with the relevant modulating probe to complete the supply.

For LPG burners, see the list of variants

(1) For applications on furnaces and rotary drums, see the version with aluminium drawer (SP). Contact Cib Unigas for any clarification.

(2) For the following versions, please contact our offices.

• OIL PUMP IN A SEPARATE SUPPORT
(to see on pag. 41)

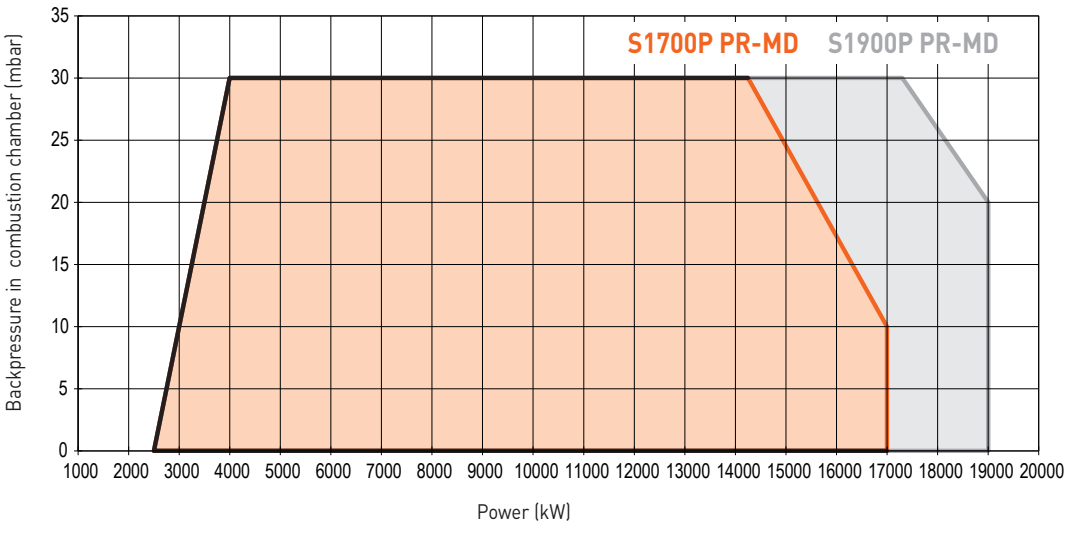
• STEEL SUPPORTING FRAME
INCLUDED (dimensions on page 41)

For information on choosing the length of the blast tube, refer to the Technical Information booklet.

Burners also compatible with GPL, biogas, syngas, off gas

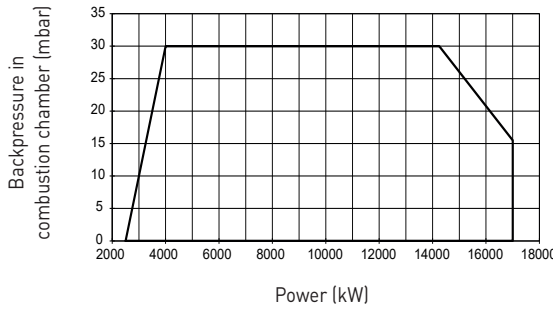
Burners also compatible with bio-oli

PERFORMANCE CURVES

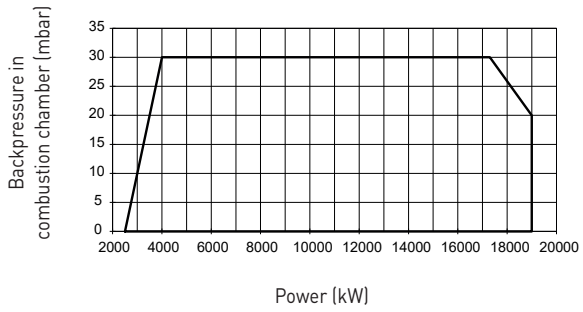


PERFORMANCE CURVES

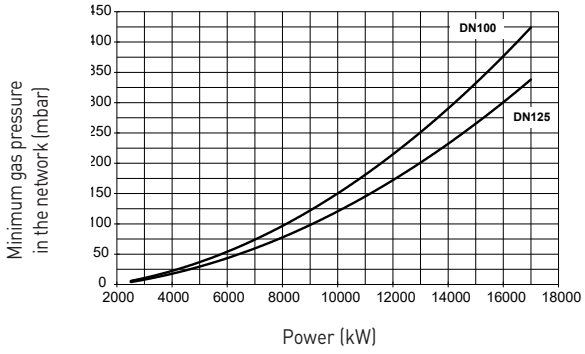
S1700P PR-MD

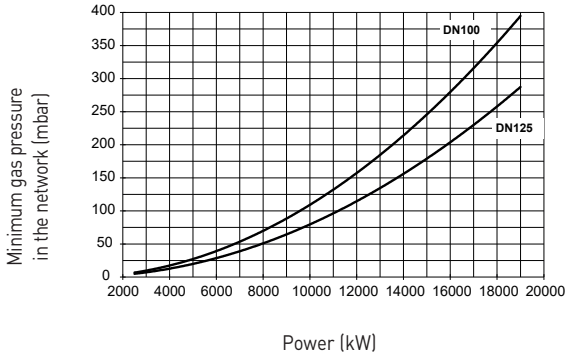


S1900P PR-MD



PRESSURE IN THE NETWORK





Attention:
- The working range values were determined with reference to laboratory tests with natural gas of lower calorific value Hi=34.02 MJ/Stm³ and density 0.714 kg/Stm³, (Stm³ refers to 1013 mbar and 15° C) and ambient conditions 1013 mbar and 20° C.
- To know the minimum gas pressure in the network, it is necessary to add the boiler back pressure to the value read on the curve.
- The pressure values vary depending on the configuration of the gas ramp. The minimum gas pressure curves refer to gas ramps assembled with standard supply valves.
- In the abscissa is the power value, in the ordinate the corresponding network pressure value net of the pressure in the combustion chamber. In order to know the mi nimum pressure at the ramp inlet, necessary to obtain the required gas flow, the pressure in the combustion chamber must be added to the value read on the ordinate.

HEAD Y

S1700Y
S1900Y

High-power industrial applications

- Also for dual-block burners with a high power range
- High reliability and robustness in industrial use
- For all special applications: from the use of the crudest oil to dense fuels, for clean and efficient combustion.
- Also recovered fuels, combustion waste (sin gas, off gas). In addition, coal gas, lean gas and even waste fuel (production waste fuels).



HEAVY OIL

GAS / HEAVY OIL

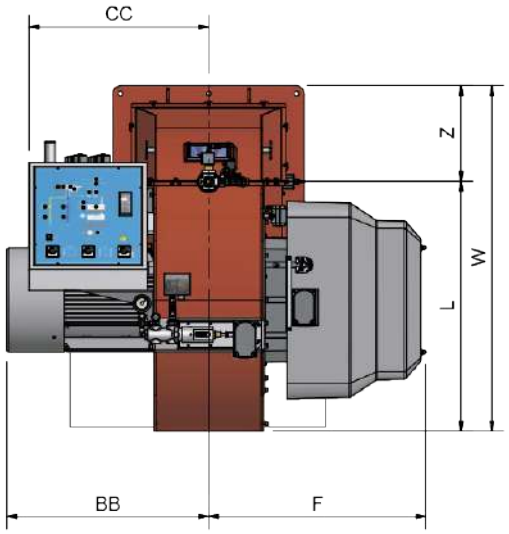
HEAD Y
HEAVY OIL

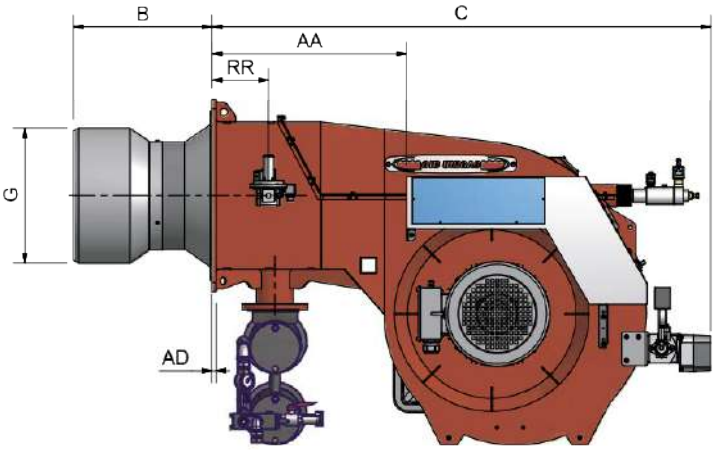
SERIES S

PNEUMATIC ATOMIZATION WITH ELECTRONIC OPERATION
Viscosity 4000 cSt at 50°C (530°E at 50°C)

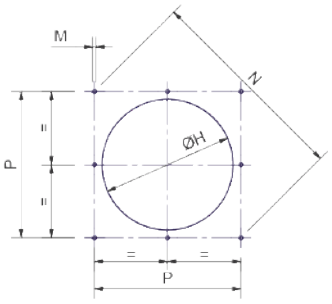
TECHNICAL SPECIFICATIONS

Type	Model	Power kW min	Power kW max	Power supply single-phase electricity auxiliary	Power supply three-phase electric motor	Fan motor kW	Pump motor kW	Resistor kW	Level of noise emissions dBA
S1700Y	H-.xx.S.IT.A.xx	2.500	17.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	45	1,1	24+24	91,7
S1900Y	H-.xx.S.IT.A.xx	2.500	19.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	55	1,1	24+24	91,7

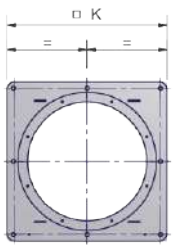




Low pressure pump set (pump, motor and filter) is included, but supplied loose (not assembled on the burner).



BOILER RECOMMENDED DRILLING TEMPLATE



BURNER FLANGE

Boiler drilling drill must be confirmed according the firing head

PACKAGING DIMENSIONS* (mm)

Type	l	p	h	kg
S1700P	2.396	1.886	1.969	1.450
S1900P	2.396	1.886	1.969	1.550

***INDICATIVE VALUES**

DIMENSIONS* (mm)

Type	Model	Overall dimensions												
		AA	B	C	CC	F	G	H	K	L	M	N	P	W
S1700Y	H.xx.S.IT.A.xx	741	*	1890	735	846	*	*	850	949	M16	1117	790	1374
S1900Y	H.xx.S.IT.A.xx	741	*	1890	735	846	*	*	850	949	M16	1117	790	1374

*** The B, H, G dimensions must be confirmed from our DPT.**
INDICATIVE VALUES

Attention: - The size of the gas train varies according to size and configuration.

ELECTRONIC OPERATION

Model	Operation
HEAVY OIL 4000 cSt at 50°C (530°E at 50°C)	
H-.MD.S.IT.A.ES	MD

SP = Standard blast tube + aluminum air intake (1)
SR = Standard blast tube + ABS polymer (silenced) air intake
LP = Extended blast tube + aluminum air intake
LR = Extended blast tube + ABS polymer (silenced) air intake (2)
PR = Progressive Adjustment
MD (*) = Modulating adjustment
(for the MD modulating version, the Modulation Kit must be added; see the list of variants)

Modulation kit = Kit to be combined with PR Progressive versions

In the MD modulating version, the burner must be equipped with the relevant modulating probe to complete the supply.

(1) For applications on furnaces and rotary drums, see the version wit aluminium drawer (SP). Contact Cib Unigas for any clarification.

(2) For the following versions, please contact our offices.

The products comply with European standards EN676 and EN267 and the following directives:
DIRECTIVE Low Tension 2014/35/UE
DIRECTIVE Electromagnetic compatibility 2014/30/UE
DIRECTIVE Machinery 2006/42/CE

For information on choosing the length of the blast tube, refer to the Technical Information booklet.

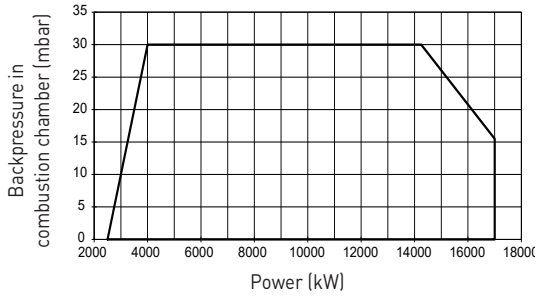
• OIL PUMP IN A SEPARATE SUPPORT
(to see on pag. 41)

• STEEL SUPPORTING FRAME
INCLUDED (dimensions on page 41)

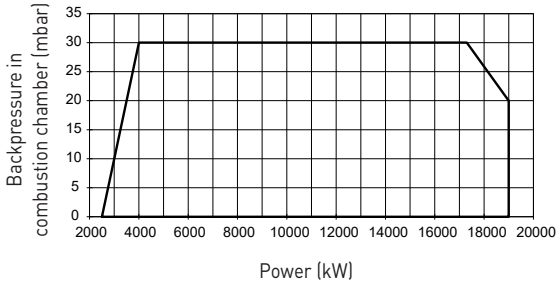
Burners also compatible with bio-oli

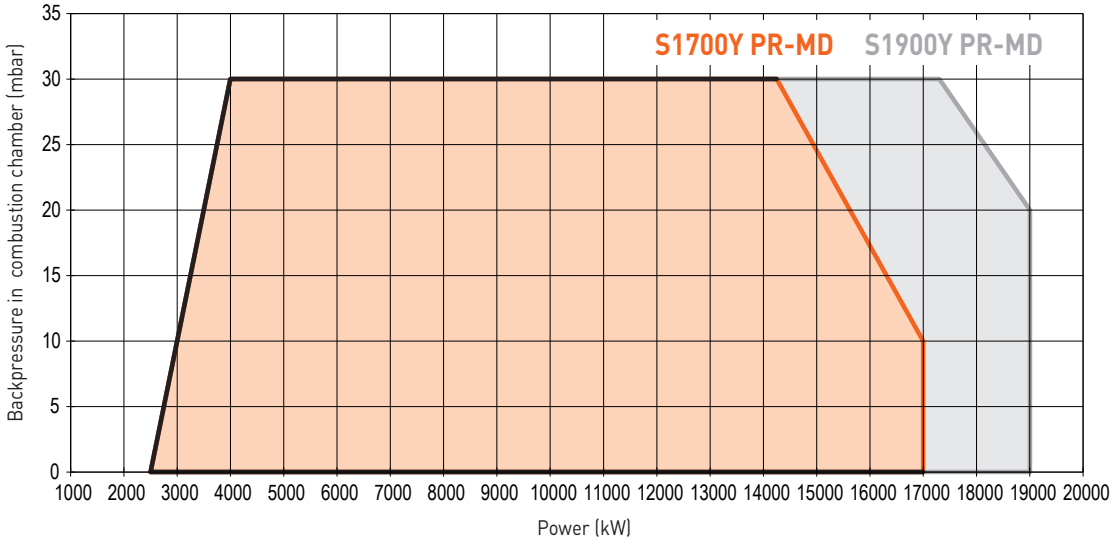
PERFORMANCE CURVES

S1700Y PR-MD



S1900Y PR-MD





HEAD Y
GAS / HEAVY OIL

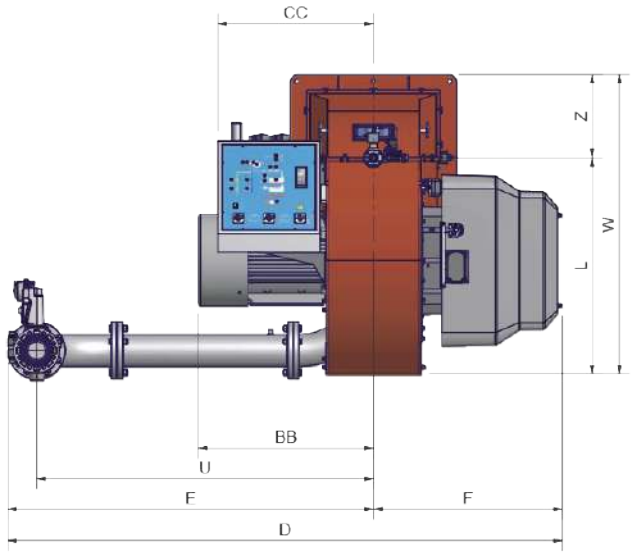
SERIES S

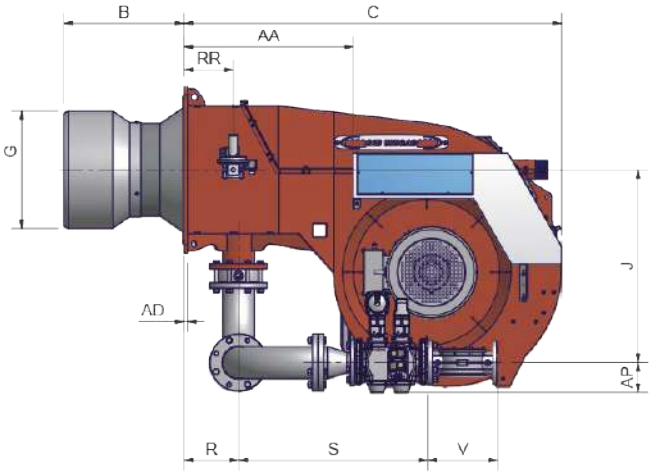
PNEUMATIC ATOMIZATION WITH ELECTRONIC OPERATION
Viscosity 4000 cSt at 50°C (530°E at 50°C)

TECHNICAL SPECIFICATIONS

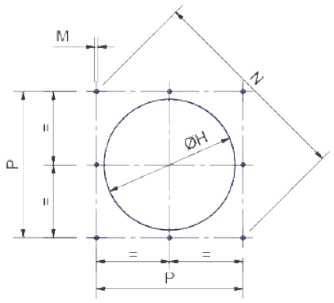
Type	Model	Power kW min	Power kW max	Power supply single-phase electricity auxiliary	Power supply three-phase electric motor	Fan motor kW	Pump motor kW	Resistor kW	Gas connections	Level of noise emissions dBA
S1700Y	MH.xx.S.IT.A.1.xxx.xx	2.500	17.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	45	1,1	24+24	DN80 - DN100 - DN125	91,7
S1900Y	MH.xx.S.IT.A.1.xxx.xx	2.500	19.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	55	1,1	24+24	DN100 - DN125	91,7

For information on choosing the length of the blast tube, refer to the Technical Information booklet.

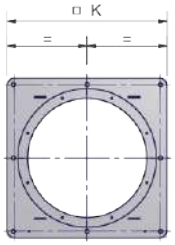




Low pressure pump set (pump, motor and filter) is included, but supplied loose (not assembled on the burner).



BOILER RECOMMENDED DRILLING TEMPLATE



BURNER FLANGE

PACKAGING DIMENSIONS* (mm)

Type	l	p	h	kg
S1700P	2.396	1.886	1.969	1.510
S1900P	2.396	1.886	1.969	1.610

***INDICATIVE VALUES**

DIMENSIONS* (mm)

Type	Model	Overall dimensions																
		AA	B	C	CC	D	F	G	H	J	K	L	M	N	P	U	V	W
S1700Y	MH.xx.S.IT.A.1.80.xx	741	*	1890	735	2309	846	*	*	775	850	949	M16	1117	790	1336	310	1374
S1700Y	MH.xx.S.IT.A.1.100.xx	741	*	1890	735	2325	846	*	*	775	850	949	M16	1117	790	1336	350	1374
S1700Y	MH.xx.S.IT.A.1.125.xx	741	*	1890	735	2343	846	*	*	775	850	949	M16	1117	790	1336	480	1374
S1900Y	MH.xx.S.IT.A.1.100.xx	741	*	1890	735	2325	846	*	*	775	850	949	M16	1117	790	1336	350	1374
S1900Y	MH.xx.S.IT.A.1.125.xx	741	*	1890	735	2343	846	*	*	775	850	949	M16	1117	790	1336	480	1374

*** The B, H, G dimensions must be confirmed from our DPT.**
INDICATIVE VALUES

Attention: - The size of the gas train varies according to size and configuration.

ELECTRONIC OPERATION

Model	Operation
HEAVY OIL 4000 cSt at 50°C (530°E at 50°C)	
MH-.MD.S.IT.A.ES	MD

The products comply with European standards EN676 and EN267 and the following directives:
DIRECTIVE GAR 2016/426/EU
DIRECTIVE Low Tension 2014/35/UE
DIRECTIVE Electromagnetic compatibility 2014/30/UE
DIRECTIVE Machinery 2006/42/CE

SP = Standard blast tube + aluminum air intake (1)
SR = Standard blast tube + ABS polymer (silenced) air intake
LP = Extended blast tube + aluminum air intake
LR = Extended blast tube + ABS polymer (silenced) air intake (2)
PR = Progressive Adjustment
MD (*) = Modulating adjustment
(for the MD modulating version, the Modulation Kit must be added; see the list of variants)

Modulation kit = Kit to be combined with PR Progressive versions

In the MD modulating version, the burner must be equipped with the relevant modulating probe to complete the supply.

For LPG burners, see the list of variants

(1) For applications on furnaces and rotary drums, see the version with aluminium drawer (SP). Contact Cib Unigas for any clarification.

(2) For the following versions, please contact our offices.

• OIL PUMP IN A SEPARATE SUPPORT
(to see on pag. 41)

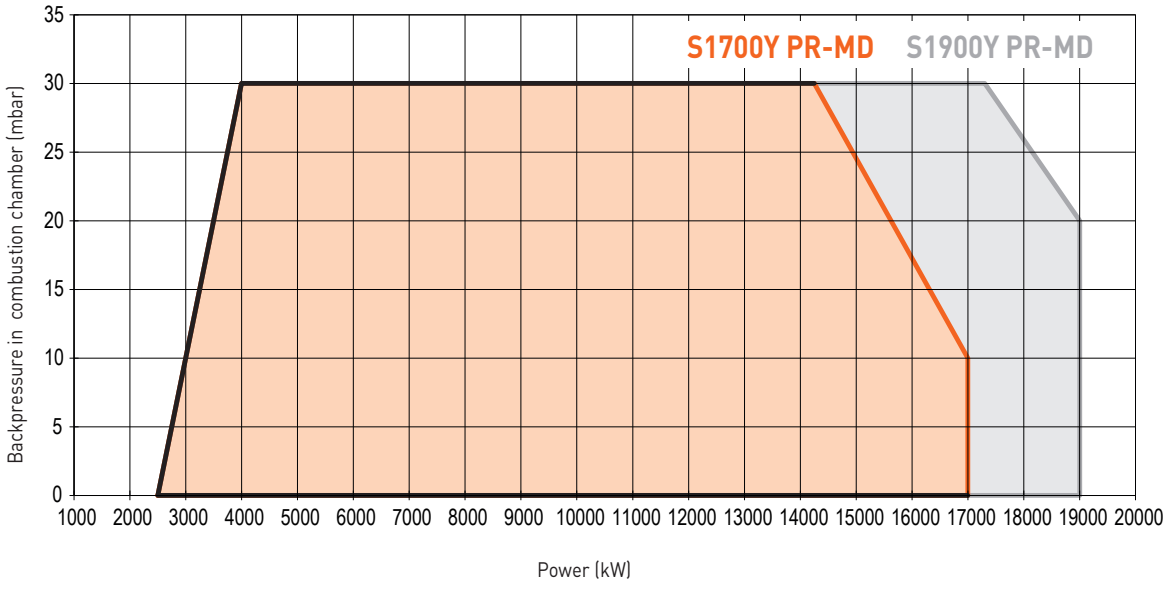
• STEEL SUPPORTING FRAME
INCLUDED (dimensions on page 41)

For information on choosing the length of the blast tube, refer to the Technical Information booklet.

Burners also compatible with GPL, biogas, syngas, off gas

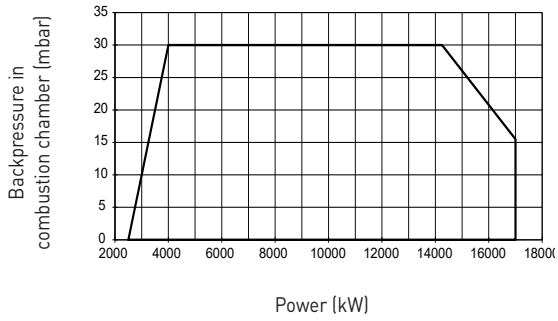
Burners also compatible with bio-oli

PERFORMANCE CURVES

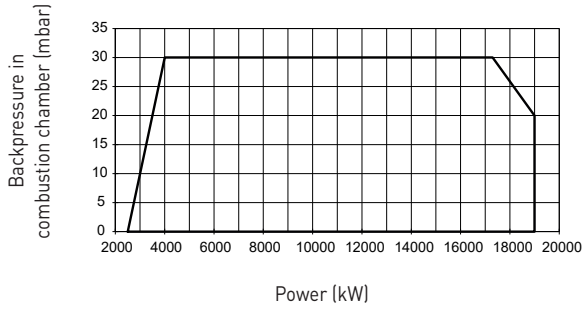


PERFORMANCE CURVES

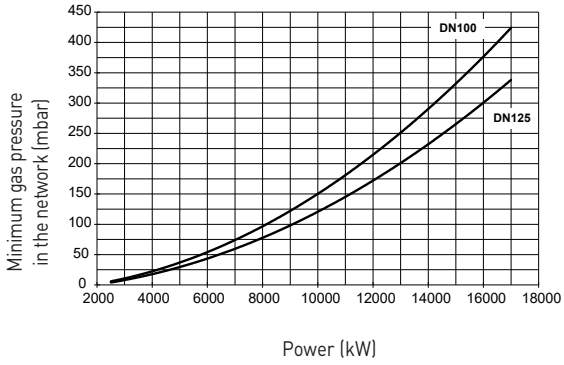
S1700Y PR-MD

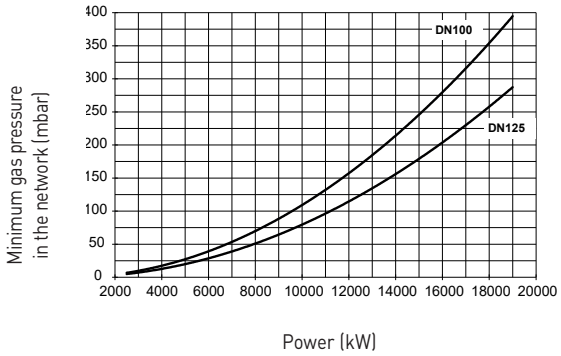


S1900Y PR-MD



PRESSURE IN THE NETWORK



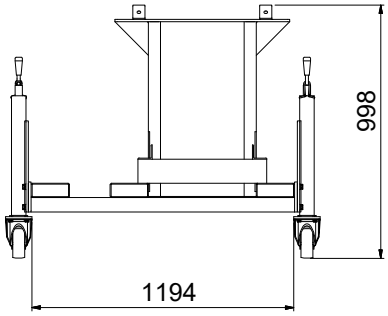


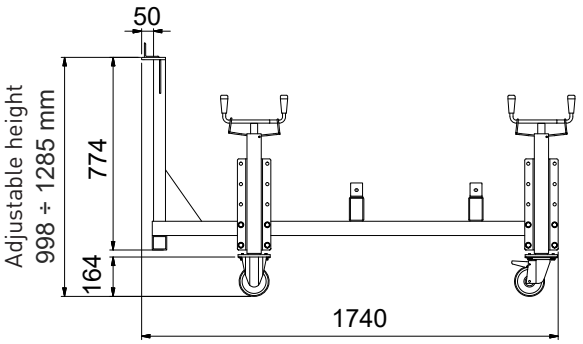
Attention:
- The working range values were determined with reference to laboratory tests with natural gas of lower calorific value Hi=34.02 MJ/Stm³ and density 0.714 kg/Stm³, (Stm³ refers to 1013 mbar and 15° C) and ambient conditions 1013 mbar and 20° C.
- To know the minimum gas pressure in the network, it is necessary to add the boiler back pressure to the value read on the curve.
- The pressure values vary depending on the configuration of the gas ramp. The minimum gas pressure curves refer to gas ramps assembled with standard supply valves.
- In the abscissa is the power value, in the ordinate the corresponding network pressure value net of the pressure in the combustion chamber. In order to know the mi nimum pressure at the ramp inlet, necessary to obtain the required gas flow, the pressure in the combustion chamber must be added to the value read on the ordinate.

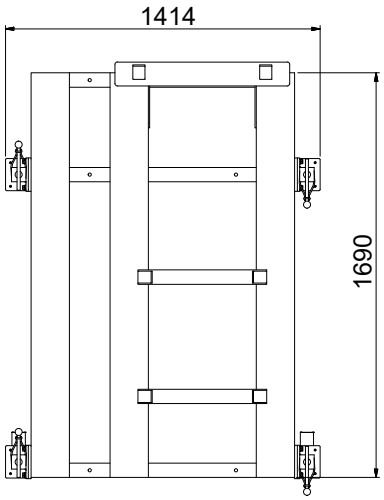
SUPPORTING FRAME FOR BURNERS S SERIES

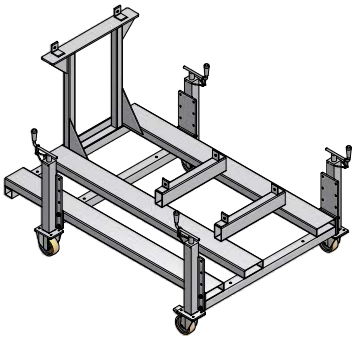
Monoblock burners S series are supplied complete with a steel supporting frame: burner installation and manutention are greatly simplified.

The frame is equipped with wheels to easily move the burner, and its height is adjustable to match any type of boiler or furnace.









OIL PUMP
in a separate support

The pump unit is used for filtering, preheating and transferring liquid fuels to feed one or more burners. The double filter design allows the filter to be cleaned without interrupting operation. Heavy oil circulation units can be equipped with an electric heater or a combined heater for steam, hot water or diathermic oil.

OPTIONAL ON REQUEST



Attention: - The size of the gas train varies according to size and configuration.

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Note: specifications and data subject to change.
Errors and omissions excepted.