

PELLET BURNERS



premiere **HYBRID-line**

revolutionary **REVO-line**

heavy duty **X-line**



Next-Gen pellet burners

Our offer covers **burners with power output from 5 to 500 kW**, in three technological series: **X-line** and the newest **HYBRID** and **REVO lines**. Without necessity of implementing expensive changes in an existing installation, our burners can be connected to every type of boiler – fueled with oil, gas or solid fuel.

We offer innovative design and new quality of aesthetics, so far unavailable in this product category. Those devices deliver cutting edge technology and guaranteed reliability.



S.Control TOUCH



S.Control

S.Control TOUCH

PREMIERE!

Burner Configuration Wizard

- Few steps, quick and easy configuration
- Air/fuel stream parameters adjusted automatically

Display

- High quality, colorful touch screen
- Graphic and text menu

Information

- History of alarms and errors
- Constant reading of flame level
- Remaining fuel level
- Fuel consumption
- Current power output
- Info button for quick help
- Sound alarms
- Clock with calendar

Inputs/Outputs

- Central Heating pump
- HUW pump with temp. sensor
- Mixing valve pump with temp. sensor
- Weather temp. sensor
- Room thermostat
- External boiler thermostat (Oil/Gas)
- Pressure sensor input for exhaust fan control
- Fumes temp. sensor
- STB

Extension

- Up to 4 Mixing Valves with sensors
- HUW Circulation pump
- Buffer tank pump with sensors
- Bunker tank feeder with fuel sensor
- Broadband Lambda sensor
- Net Control

REVO-line

Breakthrough technology with highly advanced Rotating Combustion Chamber, controlled by a Pellas X Hybrid Drive System.

Type:	REVO-line
Power range:	5 - 150 kW
Average power consumption:	50 - 85 W
PN-EN 15270:2008 emission class:	5 th
Power modulation:	Step less, electronic
Fuels:	pellet 6-8 mm, oat, dry pits, qualified agri-pellet 6-8 mm
The set includes:	Models:
<ul style="list-style-type: none"> • REVO-line burner • Galvanized feeder (2 m length) • S.Control or S.Control TOUCH 	<ul style="list-style-type: none"> REVO Mini REVO Mini 35 REVO 44 REVO 70 REVO 100 REVO 120 REVO 150
Options:	
<ul style="list-style-type: none"> • Net Control – online handling and management • Broadband Lambda sensor 	

Pellas X Hybrid Drive System

- Fan and inner feeder integrated into one engine!
- Fully controlled by Hall Sensor
- Fully synchronized air and fuel supply
- Energy efficient – low power consumption
- High rotor inertia – reduces overheat possibility
- Low fumes emission
- Highest burning efficiency, up to 99%

Rotating Combustion Chamber System

- High durability of combustion process
- Permanent self-cleaning of ashes
- Qualified agri-pellet compatible
- Long durability of rotor bearings and their fast replacement

Floating Pipe System

- No jams and seizures caused by thermic stretches

Air Vane System

- Precise air supply to combustion chamber
- Longer durability of combustion chamber
- Reduced air-fuel ratio

Overpressure Combustion System

- Air provided to the center of burning chamber
- Increases flame swirling
- Reduced backfire possibility

Fast Ignition System

- Igniter – PTC element melted into ceramics
- Energy efficient heating element
- Automatic restart after voltage loss

REVO Mini



REVO 44



REVO 100



REVO 150



HYBRID-line

Synergy of a Pellas X Hybrid Drive System and Combustion Chamber Fuel Mixing technology.

Type:	HYBRID-line
Power range:	5 - 44 kW
Average power consumption:	40 W
PN-EN 15270:2008 emission class:	5 th
Power modulation:	Step less, electronic
Fuels:	pellet 6-8 mm, oat, dry pits
The set includes:	Models:
<ul style="list-style-type: none"> • HYBRID-line burner • Galvanized feeder (2 m length) • S.Control or S.Control TOUCH 	HYBRID Mini HYBRID Mini 35 HYBRID 44
Options:	
<ul style="list-style-type: none"> • Net Control – online handling and management • Broadband Lambda sensor 	

Pellas X Hybrid Drive System

- Fan and inner feeder integrated into one engine!
- Fully controlled by Hall Sensor
- Fully synchronized air and fuel supply
- Energy efficient – low power consumption
- High rotor inertia – reduces overheat possibility
- Low fumes emission
- Highest burning efficiency, up to 99%

Overpressure Combustion System

- Air provided to the center of burning chamber
- Increases flame swirling
- Reduced backfire possibility

Combustion Chamber Fuel Mixing System

- Increases ashes removal
- Improves burning process

Fast Ignition System

- Igniter – PTC element melted into ceramics
- Energy efficient heating element
- Automatic restart after voltage loss

X-line

Heavy Duty, widest range of products, equipped with Combustion Chamber Fuel Mixing technology.

Type:	X-line
Power range:	5 - 500 kW
Average power consumption:	60 - 350 W
PN-EN 15270:2008 emission class:	5 th
Power modulation:	Step less, electronic
Fuels:	pellet 6-8 mm, oat, dry pits
The set includes:	Models:
<ul style="list-style-type: none"> • X-line burner • Galvanized feeder (2 m length) • R.Control or R.Control TOUCH 	X Mini X 190 X Mini 35 X 260 X 44 X 350 X 70 X 500 X 100 X 120 X 150
Options:	
<ul style="list-style-type: none"> • Net Control – online handling and management • Broadband Lambda sensor 	

Overpressure Combustion System

- Air provided to the center of burning chamber
- Increases flame swirling
- Reduced backfire possibility

Combustion Chamber Fuel Mixing System

- Increases ashes removal
- Improves burning process

Fast Ignition System

- Igniter – PTC element melted into ceramics
- Energy efficient heating element
- Automatic restart after voltage loss



HYBRID Mini



HYBRID Mini 35



X Mini



X 44



HYBRID 44



X 190



X 500



2015
PREMIERE
HYBRID-line

Awards and prizes:



GREENEVO
TECHNOLOGY ACCELERATOR

AWARD WINNER
of the 5th and 6th edition

PN-EN 15270:2008



DISTRIBUTOR:

PELLET BURNERS

PRODUCER

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