

# PELLETWORK

Pelletwork Series 20kW - 150kW

it  
pelletworks  
wonders!



# PELLETWORK

*Let it pelletwork for you!*

Pelletwork is by far the best value for money option on integrated pellet heating systems. It embodies convenience, innovation and reliability, while ensuring that its performance and efficiency are the ones that suit you best. Pelletwork system includes a new generation Pelit boiler, an analog pellet burner, an ergonomic pellet tank and a dust-repellant auger. Each part is designed and manufactured by Axinar, incorporating our expertise in compliance with the strictest quality standards.

## FUNCTIONAL DESIGN & MINIMUM SPACE REQUIREMENTS

Its compact and assembly-friendly design, occupying only 0,96 m<sup>2</sup> of space (45kW boiler), ensures that Pelletwork can be easily installed even in the most confined places.

## SUSTAINABILITY

Pelletwork outclasses all performance and environmental European standards (Class 5 EN303 -5: 2012). Its smart design ensures optimal fuel use and low operating costs. In addition, its particles emission is considerably lower than the strictest limit values.

## RELIABILITY

Pelletwork is renowned for their long lifespan and durability, providing you trouble free and safe operation for many years.

## CONVENIENT PELLET TANK

The pellet tank is made of metal plate coated with electrostatic paint, resistant to environmental corrosion. Its ergonomic, compact shape guarantees easy installation and transport. A revolving pellet feeding port provides efficiently fuel in the auger, with minimum amount of dust. Although compact, it can warm up your place for days with only one fill, depending on your needs, decreasing the frequency of refueling.

## DUST-REPELLANT AUGER

The auger is made of non-magnetic high grade stainless steel. Its dust-repellant design and its powerful motor prevent clogging up and ensure smooth and less noisy automatic fuel flow to the combustion chamber.

## LOW MAINTENANCE COSTS

Its smart design requires no regular maintenance other than the routine annual maintenance by an authorized technician.

## AUTOMATIC CLEANING

Its powerful fan clears the combustion chamber from the remains of combustion, while a side lever cleans automatically the interior of the boiler from ash residues, minimizing the need for regular cleaning.

# PELLETWORK

Pelletworking like a charm!



- 🔥 Robust Design
- 🔥 Auto-cleaning
- 🔥 Ease of use
- 🔥 Convenience
- 🔥 Compact design
- 🔥 Maximum operational reliability
- 🔥 No need for regular maintenance
- 🔥 Excellent efficiency of 93.4%
- 🔥 60% less particulates emissions
- 🔥 Fully automatic

# PELIT

*Pelletworking hard!*

Pelit is not just a simple **Class 5** pellet boiler. Its certified steel design offers high power density and an excellent efficiency of 93.4%, making it the most reliable new generation heating system.

## AUTOMATIC CLEANING

Pelit is equipped with an automatic cleaning system with levier, which removes any excess ash from the boiler. The levier provides hassle free cleaning, keeping the heat exchanger clean at all times.

## LARGE ASH TRAY

Pelit comes with a large ash tray of 30lt. with two chambers, guaranteeing long emptying intervals. Also, its convenient box design makes ash removal easier.

## LOW EMISSIONS

Its multiple flue gas paths guarantee the efficient cleaning of the flue gases, achieving 20 times less ash and emissions to the atmosphere.

	Axinar	Class 5
Efficiency	93.4%	89.2%
CO mg/m <sup>3</sup>	201	500
Dust mg/m <sup>3</sup>	29.2	40
OGC mg/m <sup>3</sup>	<2	20
NOx mg/m <sup>3</sup>	155.2	-

## Do your pelletwork!

### Technical Details

Boiler Series	Unit	35	45	75	95	120	150
Length	mm	940	1000	1340	1340	1290	1450
Width	mm	400	460	590	610	590	640
Height	mm	1160	1180	1300	1300	1600	1600
Ash Removal	Kg of pellet	500	1000	2000			
Pellet Tank	L	310	1500				
Pellet Weight	kg	200	1100				
Length	mm	480	1200				
Width	mm	940	1000				
Height	mm	1200	1600				

# PELLETBOILER



#### LONG LIFESPAN

Our burners are manufactured under the EN 15270 standard. Their combustion chamber is made of exceptional high-grade non-magnetic stainless steel, resistant to high temperatures, which prolongs the burners' lifespan. Our extensive 5-year guarantee is one of the longest in the market.

#### ANALOG HEAT POWER

The blown air and fuel supply adjust the burner to achieve optimal combustion at any moment, depending on your heat output needs. The power range varies between 8 -120%

#### RAPID MAINTENANCE

The typical time-consuming maintenance is avoided by using our 2-step easy access to all maintenance points.

#### AUTO-CLEANING

The burners come with automatic air cleaning, ensuring that no residue is left in the combustion chamber. Burners with more than 75KW come with an extra automatic sliding piston for ash removal.

#### EASY CONTROL SYSTEM

All our burners are equipped with a user-friendly controller. Our convenient, clearly structured menu and its one-button control technology makes the system easy to handle. Also, a convenient Bluetooth remote control through a smartphone or tablet is available as an extra feature.

#### SIMPLE INSTALLATION

The use of an integrated control unit guarantees the quick and easy installation of the burner to the boiler. Its electronic system menu comes with Patimat technology, a 5-step wizard for the adjustment of the activation parameters, ensuring simple and trouble-free ignition of the burner.

#### MAXIMUM OPERATIONAL RELIABILITY

Optimal air supply for ceaseless combustion is provided by a powerful multi-speed motor fan. A ceramic igniter achieves ignition in 45 seconds, even in the most adverse environmental circumstances and a protection system for maximum burn back protection guarantee trouble free operation.

#### FLEXIBILITY

Our burners are the best value for money fit for all existing heating systems, making conversion from fossil fuels to pellets remarkably easy.

# PELLETBURNER

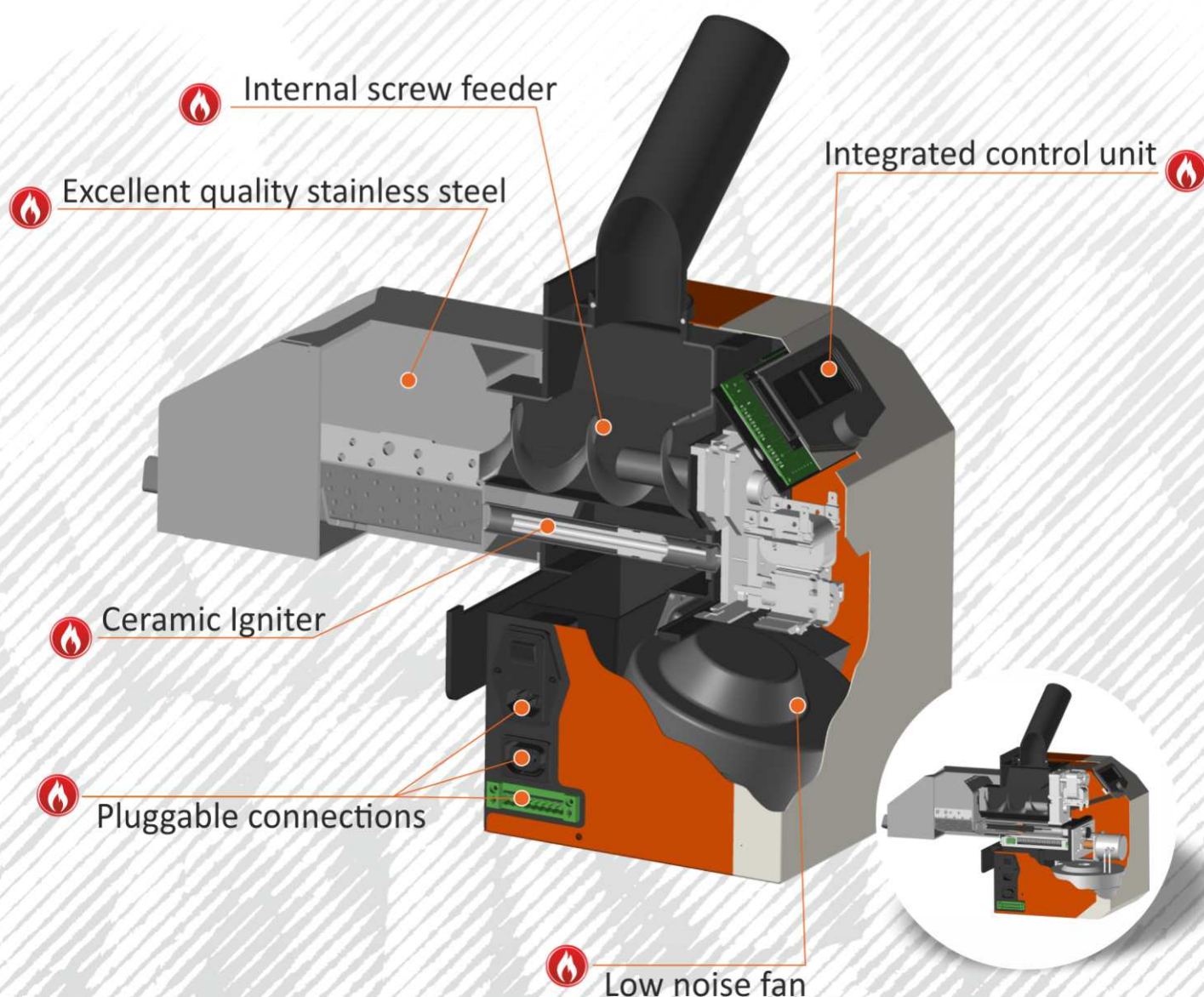
## A pelletnetwork of art!

### **Apoplim** (8 - 45kW)

- 🔥 Lambda sensor extra feature
- 🔥 Minimum installation time
- 🔥 Easy maintenance
- 🔥 User - friendly operation control system

### **Tsovea** (75 - 150kW)

- 🔥 Lambda sensor extra feature
- 🔥 Minimum installation time
- 🔥 Easy maintenance
- 🔥 User - friendly operation control system
- 🔥 Auto-cleaning with piston





**INNOVATIVE HEATING SYSTEMS**

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