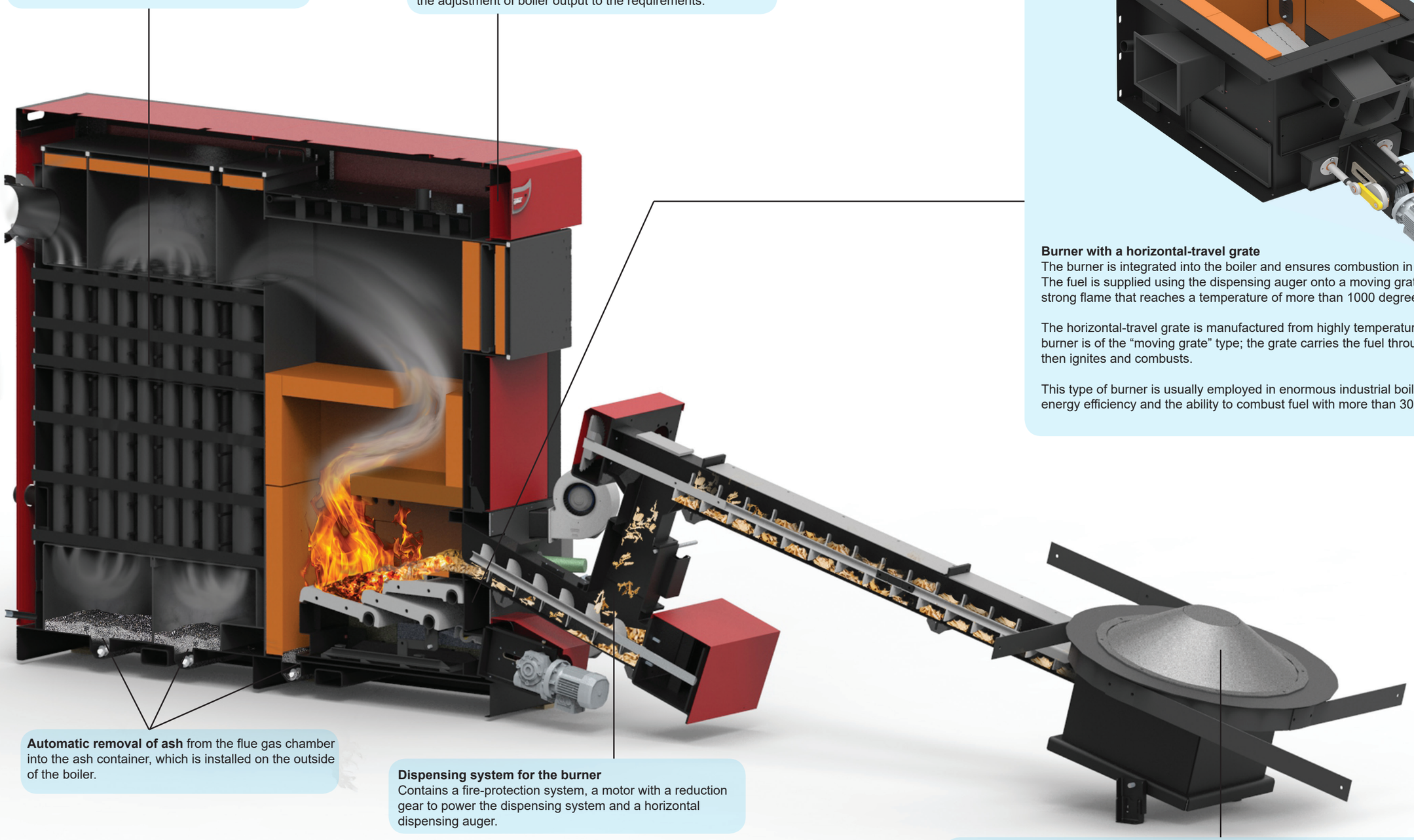
80 - 200 kW

Pellson X15

Wood-chip/pellet boiler

Hot-water boiler made of welded boiler plate, using a four-pass flue gas exhaust system.

Microprocessor-based control system with five different power settings and automatic ignition and modulation, that is, the adjustment of boiler output to the requirements.



Automatic removal of ash from the flue gas chamber into the ash container, which is installed on the outside of the boiler.

Dispensing system for the burner
Contains a fire-protection system, a motor with a reduction gear to power the dispensing system and a horizontal dispensing auger.

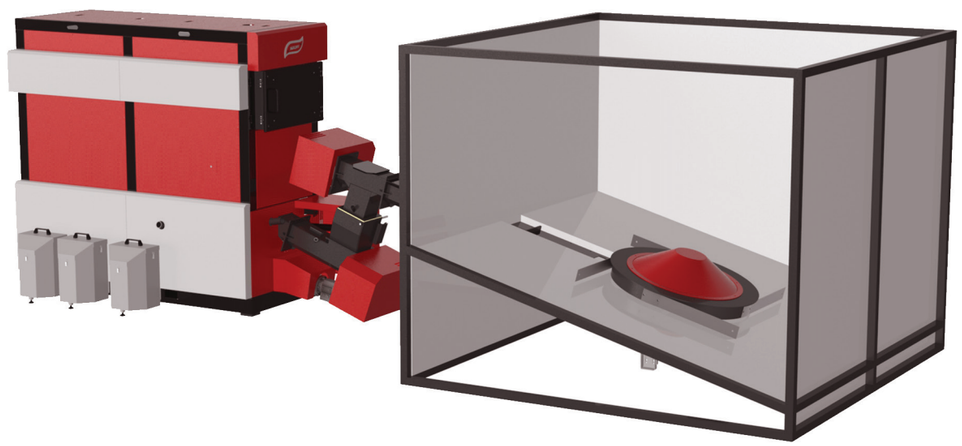
Burner with a horizontal-travel grate
The burner is integrated into the boiler and ensures combustion in the combustion chamber itself. The fuel is supplied using the dispensing auger onto a moving grate, ensuring a very stable and strong flame that reaches a temperature of more than 1000 degrees in the combustion chamber.

The horizontal-travel grate is manufactured from highly temperature-resistant casting alloy. The burner is of the “moving grate” type; the grate carries the fuel through the burner, drying it out; it then ignites and combusts.

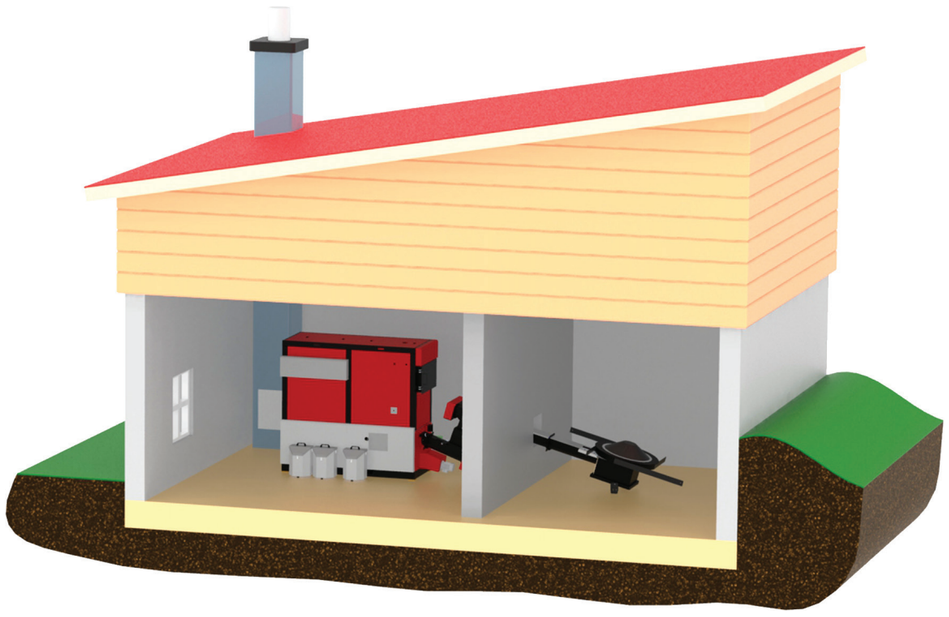
This type of burner is usually employed in enormous industrial boilers, owing to its durability, energy efficiency and the ability to combust fuel with more than 30 % moisture content.

System for extracting the pellets/wood-chips from the silo and transporting them to the dispensing system. The silo extraction system consists of a rotating extraction head with branches, a 90-degree reduction gear, a 5 m long auger and a motor drive with a sprocket.

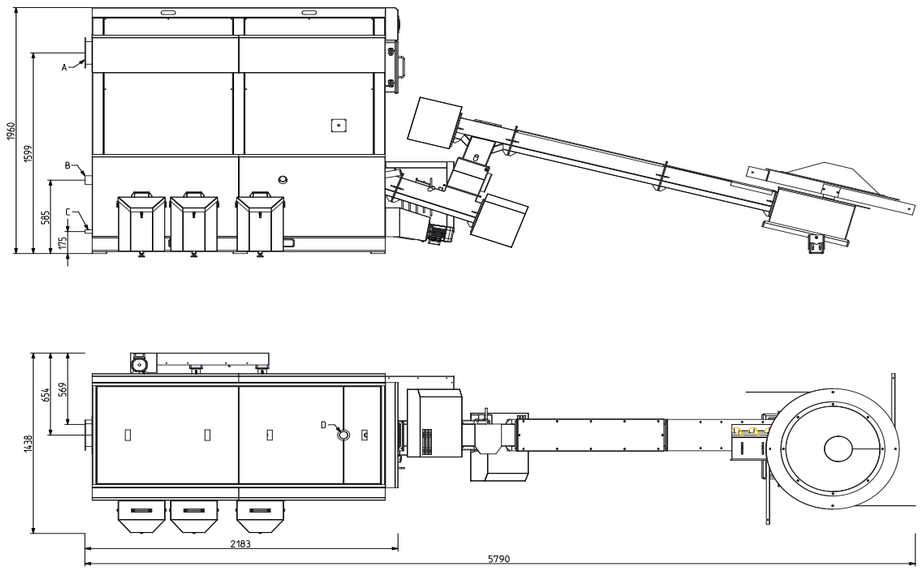
The system for supplying and dispensing pellets or wood-chips from the silo is suitable for places with sufficient space available on the outside. The extraction system is universal and can be integrated into silos of various shapes and sizes.



The external pellet/wood-chip supply and dispensing system is flexible; it is manufactured to order, based on a survey of the boiler room, depending on the specific spatial layout.



Pellson X15



Connector dimensions:

Position	Dimension	Description
A	2”	Forward flow
B	2”	Return line
C	250 mm	Chimney connector
D	1/2”	Filling valve

Boiler characteristics:

Boiler type	Unit	Pellson X15
Boiler output (min / max)	[kW]	80 – 200
Boiler efficiency	[%]	91,2/92,4
Boiler weight	[kg]	1760
Water volume in the boiler	[l]	420
Pellet hopper maximum capacity	[kg]	/
Maximum operating pressure	[bar]	2
Max temperature hot line	°C	90
Min temperature cold line	°C	50
Pellet use (min / max)	[kg/h]	19/48
Woodchip use (min / max)	[kg/h]	28 - 65
Supply voltage boiler	[V/Hz]	380/50

www.waltis-heating.com

Contakt:

VALTIS OGREVANJE D.O.O
CESTA K TAMU 61
2000 MARIBOR
TEL.: +386 460 08 00
e: info@valtis.si
web: www.ogrevanje-kotli.si

Agent: