



Three-pass boiler equipped with with a horizontal tubular heat exchanger with flue gas swirlers with high heat transfer efficiency.



MAXPell 550 with pneumatic cleaning system for heat exchanger and automatic ash removal system



Control

recommended fuel pellet A1 class additional fuel pellet A2 i B class



Optimization of the combustion process through the oxygen Lambda probe - work in the *iPell*® standard (implementation option)

HT-tronic® 900	🕞 KOTŁA 🕞 CO 🕞 CWU 🕞 ZAW 🏋 🛎 🙍 🙍 🚧 🔲 - basic equipment						
HT-tronic® 900 Touch	🌔 KOTŁA 🌔 CO 🌔 CWU 🌔 ZAW 🏋 🐮 🕢 🕢 🐜 騷 - option						
Expanding modules for automation	1						
HT-tronic MK	Cascade automation						
HT-tronic Master	Independent automatic heating circuit						
HT-tronic M-Z2	Valve module 🕑 valve 🔶 😽 🌴 😰 😰						
HT-tronic M-BC	Module of buffer and circulation Duffer DCIRC						
HT-tronic Rooms	Remote control panel with room thermostat 🌅 (Wired)						
HT-tronic Rooms Touch	Remote control panel with room thermostat 💽 (Touchscreen, Wired)						
HT-tronic Rooms Wireless	Remote control panel with room thermostat 🌅 (Wireless data transmission)						
HT-tronic Rooms Touch Wireless	Remote control panel with room thermostat 💽 (Touchscreen, Wireless data transmission)						
HT-tronic Connect	Web module - access by web browser or mobile application						
HT-tronic OPS Lambda	Combustion process optimizer iPell with Lambda probe						
Additional equipment / Execution option							
Option of execution: maximum working pressure 2.5 - 3 Bar							
Enlarged or atypical tank							
A common tank for handling two boilers							
Pneumatic system for burner cleaning (without compressor)							
Additional fuel feed unit							
The automatic ash removal system							
Pneumatic system for exchanger cleaning							
Pneumatic system for burner cleaning							
Extraction fan with controler							
Pellet silos							

High thermal efficiency due to autoregulation of the combustion process and efficient heat extraction.



PellHard PLUS burner with a slag scraper activated cyclically from the controller, V-type floor, Omega-type air curtain, igniter, sensors and an internal fuel feeder. Patent Office of the Republic of Poland: Ru.069889 Ru.069890, Ru.069891.



Boiler equipped with two burners with a slag scraper and automation.



HT-tronic

900

2-year warranty for the tightness of the exchanger with the possibility of extending up to 5 years, in accordance with the conditions contained in the warranty card.

Weather control *HT-tronic 900* with color display. It controls work 4 pumps and a mixing valve. Works with a remote control panel, thermostats and an internet module. Equipped with an autoregulation the **HT-Logic III.**

Autoregulation HT-Logic III is programmed to the power of the device,

automatically selects the operating parameters and modulates the po-

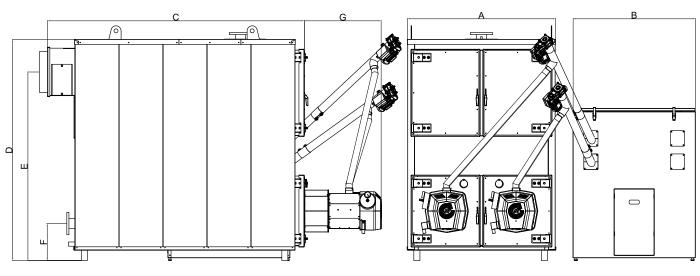
wer of the burner depending on the temperature of the boiler, which re-

duces the amount of fuel consumed.

HT-logic III

08.2022

MAXPell • 550 - 1000 kW



MAXPell 550 two burnersi

Basic dimensions and specifications								
Rated power	kW	550	630	750	850	1000		
Power range	kW	165 - 550	189 - 630					
Min. chimney draft	Pa	27	28					
Max. work temperature	°C	85	85					
Water capacity	1	2130	2600					
Maximum operating pressure	Bar	2	2					
Installation connection	"	Dn100	Dn100					
Chimney connection (inner diameter)	mm	400	400	1	I. C	Information		
Boiler mass	kg	4578	5006	Information available	Information available	Information available		
Tank volume	m ³	1	1	on request	on request	on request		
Boiler width	cm	147	147	Unrequest	Unrequest	Unrequest		
Body depth with flue gas exhaust	cm	285	325					
Body hight	cm	216	216					
Body hight - transport	cm	230	230					
Height of the ash removal module	cm	35	35					
Hight to chimney mid.	cm	186	186					
Return spigot height	cm	35	35					