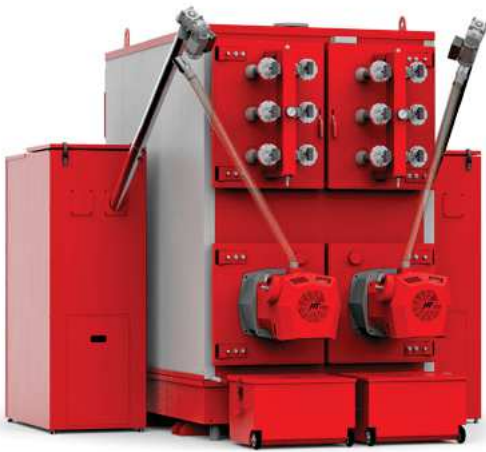


# MAXPell

550 - 1000 kW



## MAXPell 550

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



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.



High thermal efficiency >90% thanks to autoregulation of the combustion process and effective heat reception.



**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.



Horizontal tubular heat exchanger made in the form of a separate heating column with high heat exchange efficiency, with turbulators supporting heat exchange.



Autoregulation **HT-Logic III** is programmed to the power of the device, automatically selects the operating parameters and modulates the power of the burner depending on the temperature of the boiler, which **reduces the amount of fuel consumed**.

**iPell®** - optimisation of the combustion process - HT-tronic OPS Lambda - option

### Control

HT-tronic@ 900 - basic equipment

HT-tronic@ 900 Touch - option

### Expanding modules for automation

HT-tronic MK	Cascade automation
HT-tronic Master	Independent automatic heating circuit
HT-tronic M-Z2	Valve module
HT-tronic M-BC	Module of buffer and circulation
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 controller

Pellet silos

### Basic dimensions and specifications

	kW	550	630	750	850	1000
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	l	2130	2600			
Maximum operating pressure	Bar	2	2			
Installation connection	"	Dn100	Dn100			
Chimney connection (inner diameter)	mm	400	400			
Boiler mass	kg	4578	5006	Information available on request	Information available on request	Information available on request
Tank volume	m³	1 + 1	1 + 1			
Boiler width	cm	147	147			
Body depth with flue gas exhaust	cm	285	325			
Body height	cm	216	216			
Body height - transport	cm	230	230			
Height of the ash removal module	cm	35	35			
Height to chimney mid.	cm	186	186			
Return spigot height	cm	35	35			

### Fuel



pellet (6 - 8 mm) A1 class according to: EN 14961-2:2011 or DIN Plus

### Catalog card

