



Automatic Solid Fuel Boiler with Four Pass



2
YEARS
GUARANTEE

Maktek Automatic Solid Fuel Boiler With Four Pass, adds both economy and pleasure to home warming comfort with new smoke duct interior design, maximum fuel efficiency, high isolation standards and electronic control panel.

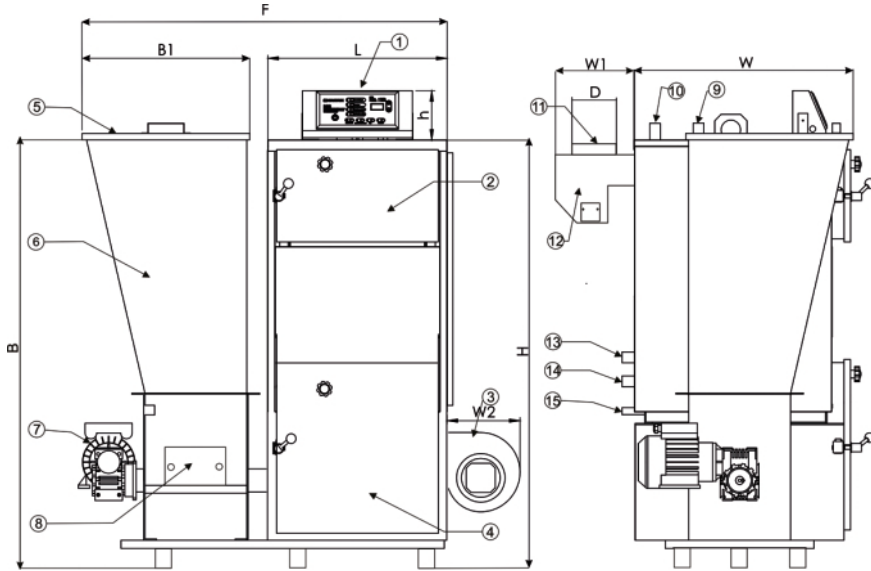
- Fully automatic fuel supply system provides economical heating
- Silent operation and thermostat control fan ensure maximum efficiency from the fuel
- Glass wool isolation prolongs the life of the boiler by preventing heat loss
- Thermostat to keep the heater at the desired constant temperature
- Fire never blows out thanks to fuel support from the bottom of the boiler
- Uses the heat from the fuel at the highest level with four pass combustion chamber



MAKTEK
Wood | Coal | Pellet | Boiler

TECHNICAL SPECIFICATIONS				
BOILER TYPE		25 MKB-S	40 MKB-S	60 MKB-S
Capacity	kcal/h	25.000	40.000	60.000
Heating Power	kw	29	46	69
Weight	kg	345	385	463
Working Pressure	bar	3	3	3
Test Pressure	bar	4,5	4,5	4,5
H	mm	1415	1455	1600
h	mm	155	155	155
L	mm	550	580	660
W	mm	1105	1105	1340
W1	mm	225	255	310
W2	mm	250	250	250
ØD	mm	160	160	200
F	mm	1170	1200	1320
B	mm	1180	1180	1295
B1	mm	570	570	610
Circulation Flow-Return	mm	1"	1 1/4"	1 1/2"
Safety Flow	mm	1"	1"	1 1/4"
Safety Return	mm	1"	1"	1 1/4"
Filling -Draining	mm	1/2"	1/2"	1/2"
Boiler Setting Range min.-max. °C		35/90	35/90	35/90
Boiler Water Volume	Lt	48	80	112
Open Expansion	Lt	50	75	100
>> ELECTRIC CIRCUIT				
Voltage /Frequency	V~/Hz	230/50	230/50	230/50
Power (maximum)	W	910	938	845
Electric Isolation Rate	IP	14A	14A	14A

* For 69 kw boilers, circulation pump is mounted by the installer. Boiler heating power might range according to the circulation pump.



1. Control Panel
2. Boiler Cleaning Lid
3. Fan
4. Ignition Lid
5. Griddle
6. Bunker
7. Engine with Reductor
8. Bunker Fuel Disposal Lid

9. Circulation Inlet
10. Safety Inlet
11. Chimney Outlet Pipe
12. Smoke Box
13. Circulation Return
14. Safety Return
15. Filling- Draining

Automatic Solid Fuel Boiler with Stocker Standards

- 29 kw - 46 kw - 69 kw capacity options.
- Thanks to its automatic fuel loading feature, burns fuels up to 25 mm diameter with high efficiency.
- High efficiency heating for coal and all suitable fuels, pellet included.
- Ability to set and monitor the temprature of heating water in the system with digital display.
- Electronic control panel.
- Overheating of system is prevented with safety thermostat.
- Saves energy with special body design.
- Ensures homogeneous burning of coal by the combustion air from the peripheral surfaces of the combustion chamber.
- 2 year warranty, widespread service organization.
- It is designed to use fuel options such as hazelnut coal, olive seeds, hazelnut shell.
- Ability to monitor loading and waiting times from the electronic control panel by adjusting from the digital display.
- The corrosions that occur as a result of heating are kept at minimum level thanks to cast combustion chamber.
- Provides a very high efficiency with extremely quiet operation speed controlled flapped fan.
- Ash is poured into the ash drawer, thanks to automatic loading feature.
- Wet rotor, 3 speed step circulation pump provides the desired circulation and energy saving is provided.
- When the fuel in the boiler is completely exhausted and the system temperature drops below 25 degrees, the unit switches itself off automatically and prevents unnecessary working of fan, pump and loading engine.
- High efficiency with its smoke duck design.
- Economical and efficient combustion settings with chimney flap.
- Uses the acquired heat from the fuel at the highest level by four-pass combustion chamber design, boiler efficiency increases.
- Approval of conformity with European standards with ISO and CE certificates.
- The air required to fully combust the fuel and to get the highest efficiency from the fuel is supplied with an extremely quiet and thermostat controlled fan.
- The fuel setting is made with two buttons on the control panel, one is for setting the waiting time and the other is for setting the loading time. The setting times of both buttons can be monitored by lighted electronic display. This adjustment system allows the user to set the device very easily and with the desired accuracy.
- Diminishing flame is prevented since fuel loading is made from the bottom with helezone.

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