

MG 15+

www.scandtec.dk

Modern, environmentally friendly and flexible biomass boiler

Automatic ignition

High efficiency – 95%

Multi-Fuel capability including difficult biofuels such as grain due to a stainless steel combustion chamber

Automatic removal of ash and clinker in the Combustion zone

High content of water in the boiler gives long burning periods

Advanced electronic control ensures optimal combustion efficiency and ease of use

More accessory packages are available dependant on the desired comfort level and system choice



Environmentally friendly heating

... Environmentally friendly heating

MG 15+ is the natural choice when you want an efficient and comfortable biomass boiler

③ MG 15+ is a robust and powerful biomass boiler with an elegant design, which can be used for different biomass fuels eg wood pellets and grain.

③ MG 15+ is equipped with an advanced electronic modular control system ready for the wide range of accessories.

The control regulates the output to the actual heat demand.

③ There are many different possible auger solutions for external feeding systems.

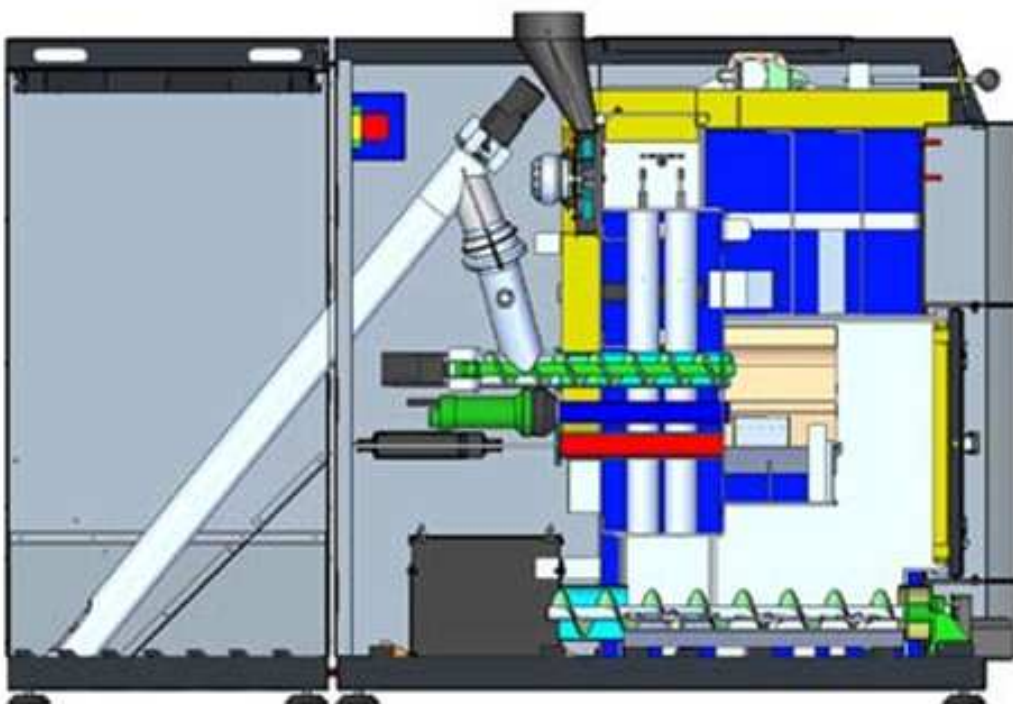
③ The standard boiler is delivered with automatic ignition, automatic removal of ash and clinker in the combustion zone and mechanical cleaning of the boiler tubes.

③ The boiler uses an induced draft fan, which eliminates any smoke problems.

③ The boiler is very efficient so the flue temperature is very low.

③ The boiler is very well insulated which gives a low surface heat loss.

Automatic cleaning (I-clean) of ash and clinker in the combustion zone.



TECHNICAL SPECIFICATION

Output and fuel

Output	kW	4.5 - 15
Fuel hopper	Litre	350
Fuel		wood pellet, grain etc.
Flue gas temperature	C	125
Efficiency	%	95

Materials and pressure

Boiler test pressure	bar	5
Boiler maximum Working pressure	bar	3
Material thickness		
- combustion chamber	mm	4 (stainless) or 6
Material thickness Pressure vessel	mm	4

Dimensions and weight

Height with jacket		
(incl. adjustable machine feet)	mm	1245
Width	mm	650
Depth excl. fuel hopper	mm	1275
Depth with 350l fuel hopper	mm	1885
Height to flue outlet	mm	1290
Height to flow tapping at back of boiler		
(under jacket)	mm	1050
Height to return tapping At back of boiler		
(under jacket)	mm	765
Total weight incl. 350 litre hopper (excl. boiler water)	kg	502
Total weight without hopper (excl. boiler water)	kg	415
Water content	Litre	125

Connections

Flow		
- male thread	inches	1
Return - male thread	inches	1
Burnback safety	inches	$\frac{3}{4}$
Flue		
(outside. diameter 129)	mm	130
Electrical supply	VAC	1x230
Electrical power during ignition	W	1600
Fuse	A	13

Other

Pre storage for external silo	Liter	50
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Accessories

- ③ Automatic ash removal system with a trolley.
- ③ Oxygen control to ensure optimal combustion even with critical fuels such as grain.
- ③ Automatic boiler tube cleaning.
- ③ External feeding unit
- ③ Control of storage tanks

MG 15+



MG 15+ is the natural choice when you want an efficient and user friendly biomass boiler

Automatic removal of ash and clinker in the combustion zone

Stainless combustion chamber allows the boiler to burn difficult fuels such as grain

Automatic ignition

High water content in the boiler gives long running periods

Advanced electronic control ensures optimal combustion efficiency and ease of use

More accessory packages are available dependant on the desired comfort level and system choice



Scandtec ApS
Industrivej 3
6900 Skjern
Tlf. 96 55 44 55
www.scandtec.dk

UK Distributer

FBC

FBC
Sells Close
High Street, Barley
Royston, SG8 8HY
Tel. 01763 849468
info@fbcgroupp.co.uk
www.fbcgroup.co.uk

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