



HEAT & POWER

BIOMASS BOILER: SL30-150kW

OVERVIEW



The SL 30-150 Series range of biomass boilers deliver a combination of high heat output, optimum combustion, usability and easy maintenance. Available to burn wood chips or wood pellets, heat outputs are available from 30 to 150kW with a single boiler system. However, multiple boilers can be installed in cascade for systems up to 600kW.

They offer some of the highest heating efficiencies available with combustion air controlled by an induced draft fan. Rapid heat transfer through the steel heat exchanger gives short heating times. Four sets of turbulators in constant motion keep the surface of the heat exchangers clean and ensure the maximum transfer of heat to water. High heating efficiencies ensure perfect combustion at temperatures in excess of 1,000°C.

A patented burner system and contra rotating grate drives high heating efficiencies, prevents the build-up of clinker and ensures that fuel of a varying quality can be burned.

There is very little ash produced to the volume of fuel used. The ash is transferred into two large and easily removable drawers. Automatic ash removal into a large external container is available as an optional extra.

All of these key features are backed up by the peace of mind that comes from a 5 year warranty on all electronic controls and wearing boiler parts.

WHO ARE RAINBOW HEAT AND POWER?

**WE ARE RENEWABLE TECHNOLOGY
INSTALLERS BASED IN THE SOUTH WEST
PROVIDING BESPOKE RENEWABLE HEAT
AND POWER SYSTEMS NATIONWIDE.**

WE CAN HELP;

1. SIGNIFICANTLY REDUCE FUEL COSTS
2. GAIN RENEWABLE ENERGY INCENTIVE PAYMENTS
3. REDUCE YOUR CO₂ EMISSIONS



LET S TALK ABOUT YOUR PROJECT

CALL 01884 212 044

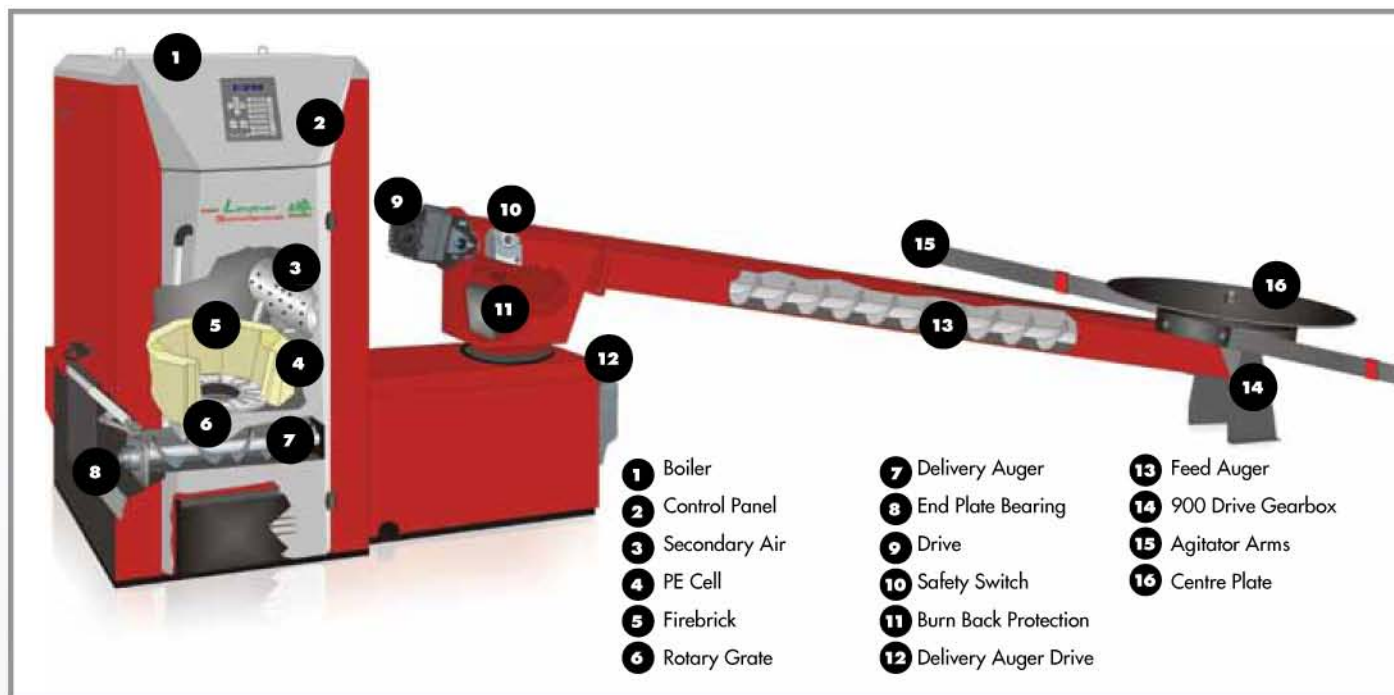
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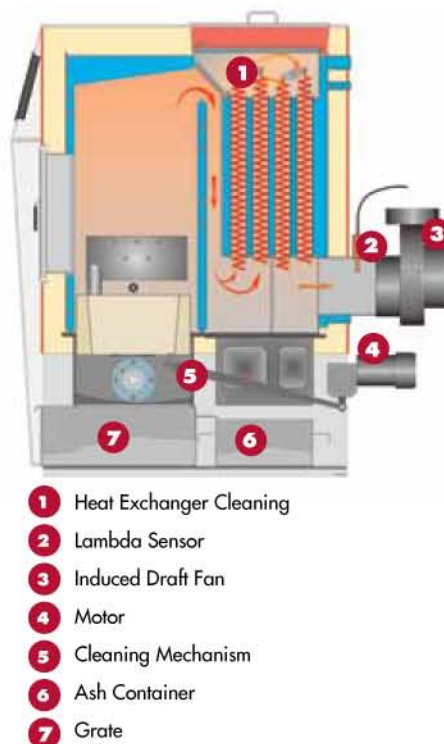


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FEATURES



BIOMASS BOILER SYSTEM		SL 30	SL 40	SL 50	SL 65	SL 80	SL 110	SL 150
Max Heat Output	kW	30	40	50	65	80	110	150
Min Heat Output	kW	8.4	8.4	12.4	12.4	21.5	23.7	41.9
Combustion Efficiency	%	93.1 Min 93.3 Max	93.0 Min 93.1 Max	91.9 Min 92.1 Max	93.1 Min 93.5 Max	91.7 Min 93.0 Max	91.3 Min 93.7 Max	91.8 Min 93.8 Max
Width	mm	630	630	770	770	870	870	1,050
Depth	mm	1,050	1,050	1,050	1,050	1,265	1,265	1,465
Height	mm	1,330	1,430	1,430	1,530	1,520	1,620	1,810
Flow & Return Diameter	mm	40	40	40	40	40	40	40
Flue Connection Diameter	mm	180	180	180	200	200	200	250
Flue Connection Height	mm	650	650	650	650	615	615	640
Boiler Weight	kg	555	595	675	740	920	980	1,405
Auger Weight	kg	82	82	82	82	83	83	85
Water Content	Litres	73	87.5	110	116	120	190	340



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