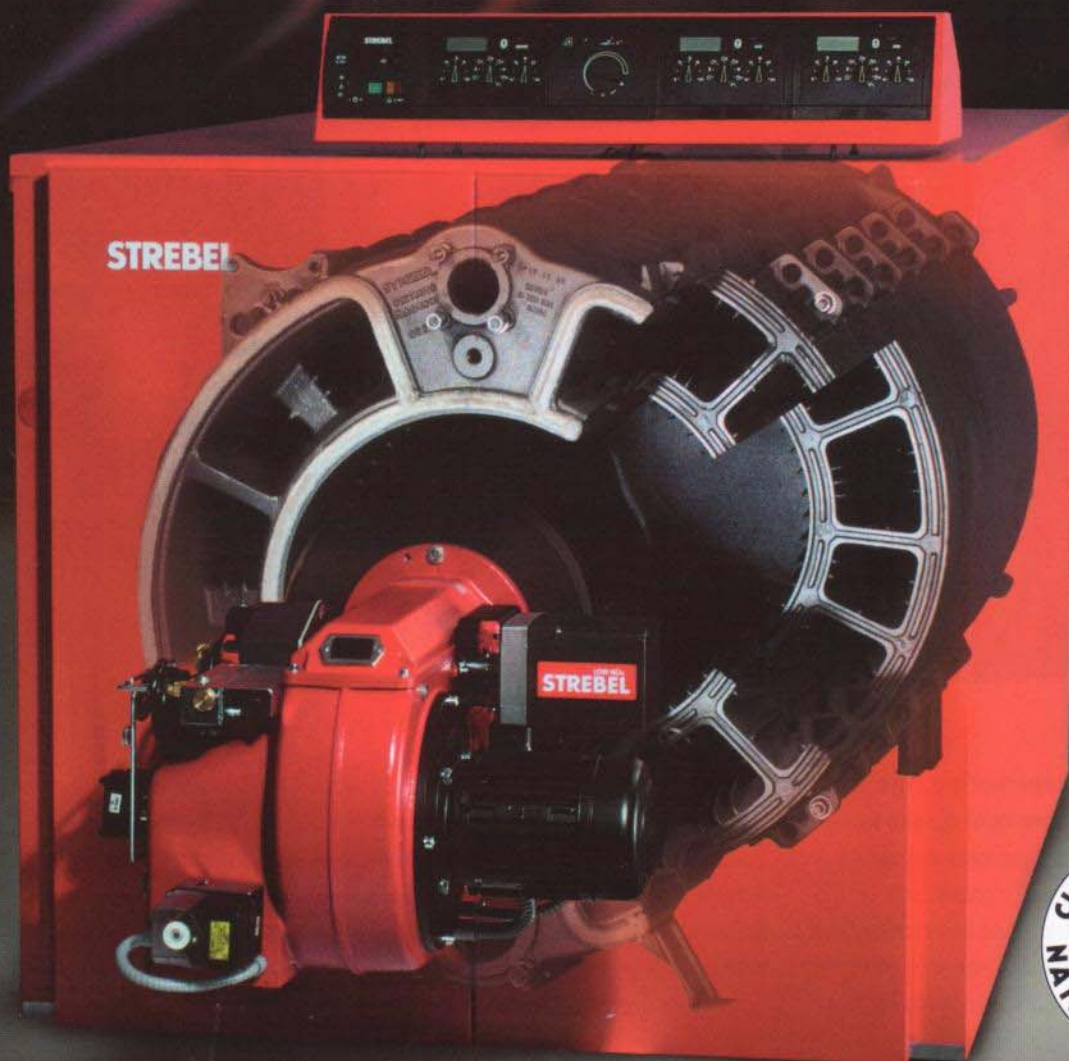


STREBEL RU

**Cast iron boilers
high efficiency
low emissions**

150–1400 kW



STREBEL RU—optimal solution for commercial projects

STREBEL RU boilers combine most up-to-date construction principles with high quality material. The most recent CAD programmes are used for R&D. RU boilers belong to the top products, for economical as well as ecological reasons. Cast iron is the best material for them, due to its long life and its malleability. The triple pass system allows very high efficiencies at a

low nitric oxide (NO_x) level. The sectional construction is perfect for introduction into any boiler house.

Minimising any heat losses has been considered for many years. STREBEL's triple pass system together with a suitable burner operates considerably below the most severe European limits. STREBEL cast iron assures the best conditions for modern heating with high efficiency. It is well suited for giving the ideal shape to the flue ways and is extremely resistant

to corrosion. The modern STREBEL foundries have a high quality level of material and manufacturing owing to constant quality controls.

Economy and ecology of STREBEL prides itself on maintaining an environmental culture in other ways. For example about 80% of the cast iron used for boilers is made from good quality recycled material.



 **STREBEL contracting: the best solution for modern heat management** (not available on all markets; contact us if interested) STREBEL contracting is the proof that technically and environmentally excellent solutions are not only possible but also financially. And you get rid

of your sorrows! STREBEL plans your optimal heating and/or domestic hot water installation, finds out the best combustion for your needs and organizes all necessary activities for your heating installation. We also offer a prefinancing of the installation. As its user you only pay for the quan-

tity of energy you need. STREBEL contracting is interesting particularly for public or office buildings, hotels or big apartment houses.

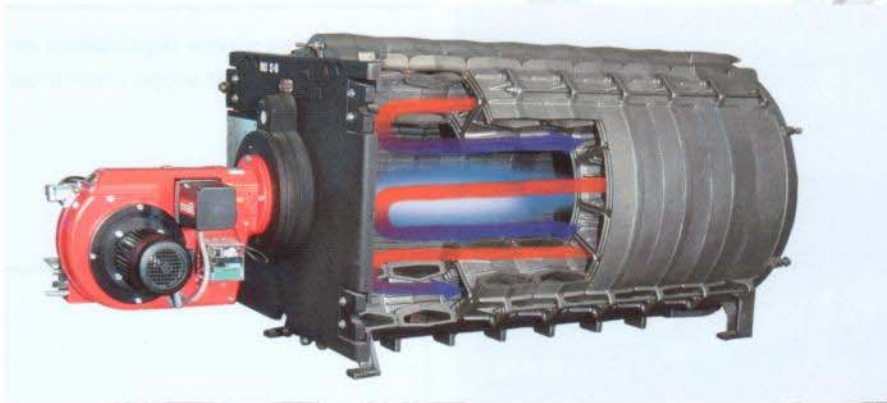


The very strong point of STREBEL RU boilers: the triple pass principle

The flame burns completely out in the first pass which is the cylindrical combustion chamber, water cooled all around. The hot flue gases are led to the front through the second pass and flow back through the third pass. Along the way they are

cooled and their heat used efficiently. Owing to the free circulation of the flue gases in the combustion chamber and their low temperature there are only small quantities of nitric oxide (NO_x). The even thermal load of the heat

exchange surfaces assures a long life of the boiler. The opening of the front door gives free access to all flue ways of the boiler. This is a great advantage for servicing and cleaning of the STREBEL RU boilers.



RU advantages:

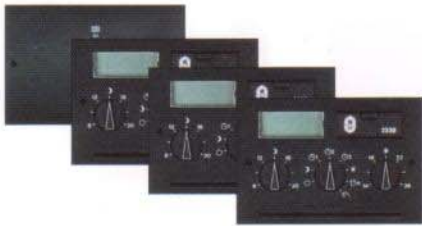
- 🍏 High efficiency boiler 150–1400 kW
- 🍏 Microprocessor-based control system
- 🍏 Red enamelled steel jacket of 1 mm thickness (cover 1.5 mm) with 125 mm insulation and optional reinforced cover
- 🍏 Low fuel consumption owing to optimized efficiency
- 🍏 Easy transport into the boiler house owing to sectional construction
- 🍏 Special solutions for production of low pressure steam (not on sale in UK) and domestic hot water



Control and modern heating management

STREBEL RU high efficiency boilers can be equipped with a digital control system of the most recent generation. The bus capable system is characterized by many additional functions which are part of a modern heating management. Cascade control, remote information, laptop programming, self diagnostics or control of up to five calorifiers for domestic hot water

are just a few of the advantages of the STREBEL control system. Up to three control units allowing the operation of up to six independent heating circuits can be inserted into the ergonomical designed control box. The control bus system allows the integration of up to ten mixed heating circuits. A room station can be added to each of these heating circuits.



GAMMA modules are weather-compensated controls of the latest generation

GAMMA 2B / 22B

Weather-compensated control for one/two-stage burners, one boiler circuit and domestic hot water

GAMMA 23B / 223B

Weather-compensated control for one/two-stage burners, one boiler circuit, one circuit with mixing valve and domestic hot water

GAMMA 233B / 2233B

Weather-compensated control for one/two-stage burners, one boiler circuit, two circuits with mixing valve and domestic hot water

GAMMA 33B

Extension module for additional two circuits with mixing valve

GAMMA 2233 BK

Weather-compensated cascade control (max. five modules) for two-stage burners, each one with one boiler circuit, two circuits with mixing valve and domestic hot water



RS 10 room station

the intelligent information and control unit (not on sale in UK)

STREBEL offers you special solutions



Do you need steam?

RU boilers with a top-mounted steam tank can be supplied up to a steam pressure of 1.0 bar (not supplied in UK). In case of need a later conversion to hot water heating is possible.



Do you have a small boiler house?

A BRU offers a complete unit for heating and domestic hot water in a minimum of space. The top-mounted efficient stainless steel hot water calorifier with generously dimensioned heat surfaces and a perfect insulation offers you a maximum of comfort for domestic hot water.

High output in a minimal space!

We also supply side-mounted calorifiers.

Technical data

No. of sections	Output kW	Width LK mm	RU weight approx. kg
RU 1S			
4	150-190	1245	1200
5	190-250	1445	1400
6	240-320	1645	1600
7	295-390	1845	1800
8	360-460	2045	2000
9	425-525	2245	2200
RU 2S			
8	325-465	2010	2450
9	395-582	2210	2700
10	465-698	2410	2950
11	535-814	2610	3200
12	605-930	2810	3450
13	675-930	3010	3650
14	750-950	3210	3850
RU 3S			
10	700-1050	2410	4800
11	800-1160	2610	5300
12	910-1280	2810	5800
13	1030-1395	3010	6300
14	1150-1400	3210	6800

BRU 1S		Boiler with top-mounted calorifier							
No. of sections	Calorifier made from stainless steel 1.4571								
	CS 400 S-9		CS 500 S-4		CS 500 S-6		CS 625 S-8		
	LWE mm	Weight approx. kg	LWE mm	Weight approx. kg	LWE mm	Weight approx. kg	LWE mm	Weight approx. kg	
4	1485	1500							
5	1685	1700	1685	1710					
6			1835	1910	1835	1940			
7					2085	2140			
8					2285	2340	2285	2400	
9					2485	2540	2495	2600	

Contact us for BRU 2S and 1000-l calorifiers.

Calorifier outputs

Calorifier type CS		400S-9	500S-4	500S-6	625S-8
Output at 80 °C (140 °F)	l/h	1994	2637	3558	4446
	Gall./h	439	580	793	978
	l/10 min	440	692	910	1000
	Gall./10 min	97	152	178	220
Thermal absorption	kW	115.9	153.3	206.9	258.5
	Btu/h · 1000	395	523	706	882
Output at 45 °C (113 °F)	l/h	3700	5100	6800	8400
	Gall./h	814	1122	1496	1848
	l/10 min	700	1100	1300	1600
	Gall./10 min	154	242	286	352
Thermal absorption	kW	151.2	207.6	276.7	341.9
	Btu/h · 1000	513	707	942	1164

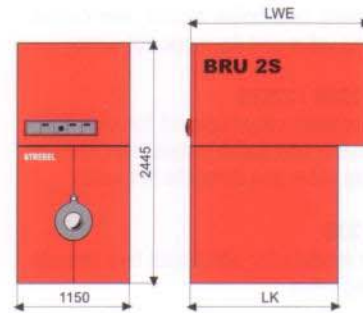
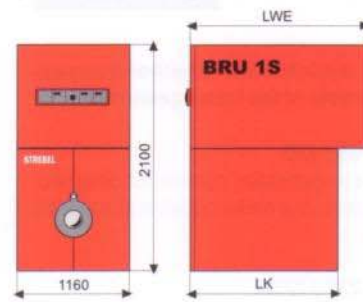
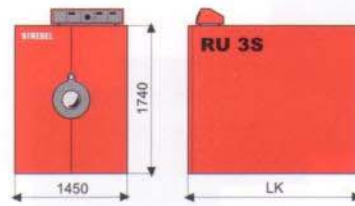
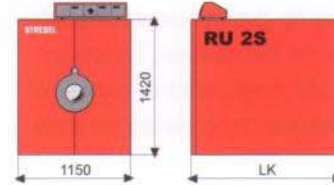
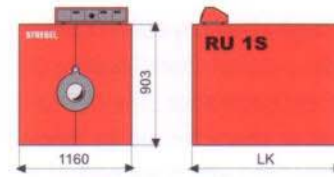
The hot water outputs are valid at boiler temperature 80 °C, cold water entry temperature 10 °C.

The output figures "l/10 min" are valid when whole content of the calorifier is heated to 60 °C.

RU 1S-D		Low pressure steam boiler (not on sale in UK)			
No. of sections	Steam kg/h	Output kW	Width of boiler mm	Total height approx. mm	Weight approx. kg
4	308	190	1160	1950	1270
5	358	250	1160	1950	1470
6	518	320	1160	1950	1700
7	627	390	1160	1950	1900
8	753	460	1160	1950	2130
9	836	525	1160	1950	2330

Contact us for RU 2S-D and RU 3S-D.

The company reserves the right to change the specification and dimensions without prior notice.



Ask for detail information about the STREBEL RU, accessories and solutions. Our sales team will be happy to advise you. Please call us!



Customer service

With manufacturing, sales and service facilities in most European countries, STREBEL is a group looking into the future. STREBEL products are known for the long life but also for their innovative technique. Many international awards have been achieved for convincing solutions of STREBEL. A long experience, innovative products, R&D and a thorough quality control guarantee modern and efficient products. The big choice from small domestic boiler up to the megawatt heating unit, a complete choice of accessories, individual advice and a fully trained technical and service team, all this is your advantage with STREBEL. Constant R&D secure top quality for the future. Call us, we look forward to assisting you.



Our after sales service organisation assures the competent support which our customers desire.



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