

High-powered performance

RB 20 SV - RB 300 Flexible S briquetting presses



RB 200

RB 30 SV



economical - robust - powerful

These briquetting presses are technically advanced and equipped with extra features. The RB 20 SV - RB 300 Flexible S series offers numerous configurations, making it suitable for companies with a broad array of briquettable recyclables.

Here are some additional features: easy maintenance, low operation costs, economical briquetting of an array of waste products. Let us help you find the best way to briquette your material.



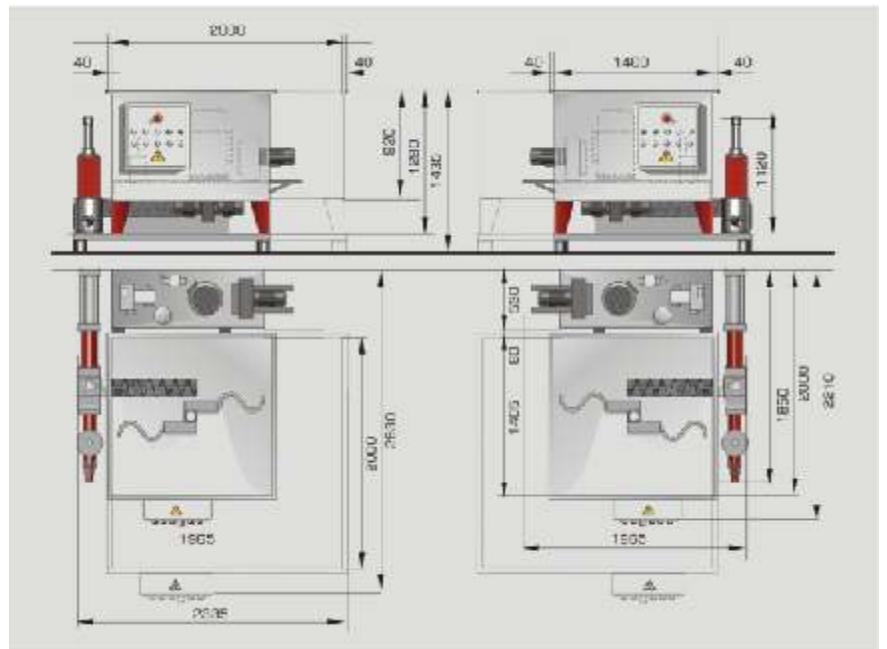


**RB 100 - 200 and RB 100 - 200 plus series
for high throughput with two different sized containers
left and right versions of the compaction unit available**

Both series have the same compaction unit, in order to produce high-strength briquettes. The difference is the extra large, high capacity container for the RB 100 - 200 plus series.

Numerous options are available:

- Oil cooling for continuous operation
- Transmission lines
- Briquette length monitoring
- Automatic on/off
- Switch for oil shortcoming
- Hopper attachments



		RB 100	RB 120	RB 160	RB 200
Reserve container	(mm):		1400 x 1400 x 920		
Briquette diameter	(mm):	50	60	70	80
Throughput	(approx.kg/h):	80 - 100*	100 - 120*	120 - 160*	160 - 200*
Hydraulic motor	(kW):	7,5	7,5	7,5	11
Oil quantity	(l):	100	160	160	250
Weight	(approx.kg):	870	1000	1050	1250

		RB 100 plus	RB 120 plus	RB 160 plus	RB 200 plus
Reserve container	(mm):		2000 x 2000 x 920		
Briquette diameter	(mm):	50	60	70	80
Throughput	(approx.kg/h):	80 -100*	100 - 120*	120 - 160*	160 - 200*
Hydraulic motor	(kW):	7,5	7,5	7,5	11
Oil quantity	(l):	100	160	160	250
Weight	(approx.kg):	1050	1200	1250	1450

* Throughput is material dependent;
maximum material moisture should not exceed 18 %.



RB 160 Flexible with hopper attachment

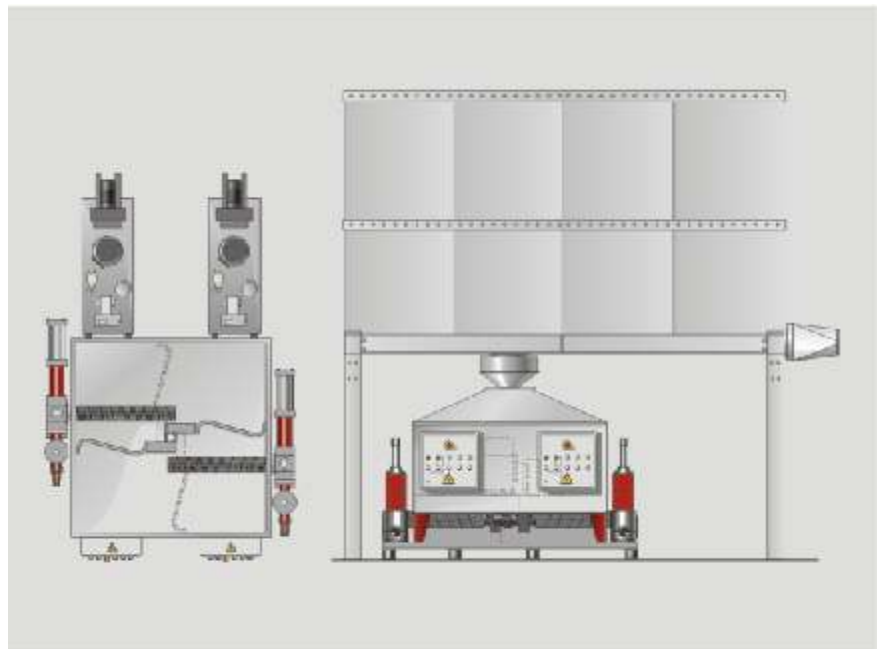


RB 200 Flexible in tandem configuration

RB 100 - 200 Flexible and RB 160 - 300 Flexible S series for individual configuration by combining components based on the application...

With its modular construction, the RB Flexible series can be individually tailored to customer-specific space requirements. It can be adapted well to existing production plants and can be configured according to the throughput desired. Depending on throughput, tandem, Trio, or Quattro design combinations are possible.

The RB 160 - 300 Flexible S series was designed especially for industrial applications.



		RB 100 Flexible	RB 120 Flexible	RB 160 Flexible	RB 200 Flexible
Reserve container	(mm):	1400 x 1400 x 920 mm / 2000 x 2000 x 920 / or intermediate sizes			
Briquette diameter	(mm):	50	60	70	80
Throughput	(approx.kg/h):	80 - 100*	100 - 120*	120 - 160*	160 - 200*
Hydraulic motor	(kW):	7,5	7,5	7,5	11
Oil quantity	(l):	100 or 160	160	160	250
Weight	(approx.kg):	950 - 1100**	1000 - 1100**	1100 - 1300**	1300 - 1500**

		RB 160 Flexible S	RB 200 Flexible S	RB 300 Flexible S***
Reserve container	(mm):	according to customer's request		
Briquette diameter	(mm):	70	80	100
Throughput	(approx.kg/h):	120 - 160*	160 - 250*	180 - 300*
Hydraulic motor	(kW):	11	22	22
Oil quantity	(l):	250	500	500
Weight	(approx.kg):	1500**	2500**	2700**

* Throughput is material dependent. Maximum material moisture should not exceed 18 %

** total weight, deviations are possible depending on the design / *** RB 300 Flexible S only on request



How the briquetting presses work:



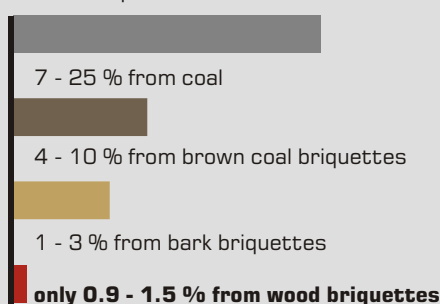
- 1 Large reserve container with high-quality discharge unit. (Agitator discharge with integrated screw conveyor)
- 2 All mechanical movements can be performed manually using the hand controls on the switching cabinet. The PLC controls ensure user friendly, fully automatic operation.
- 3 Hardened, replaceable compressor channel bushings are standard equipment on all of the machines (from RB 30 SV).
- 4 Automatic opening of the tongs ensures trouble-free, constant briquettes production.
- 5 Hydraulic drive with a power rating of up to 22 kW. Optional: Oil cooling, switch for oil shortcoming - Standard: oil temperature measurement unit.
- 6 Filling cylinder
- 7 Hydraulically controlled press cylinder
- 8 Automatic strand length monitoring (from RB 100 Standard)
- 9 Automatic on/off (option)

These presses have high-volume reserve containers with an integrated screw conveyor. The material passes through the screw conveyor into the filling shaft, where it is pre-compacted in the filler cylinder before being conveyed to the press channel. In the channel, the press cylinder presses the material to be compacted into the conically closed tongs until it achieves the desired briquette hardness. Then the tongs open and the briquette is ejected.

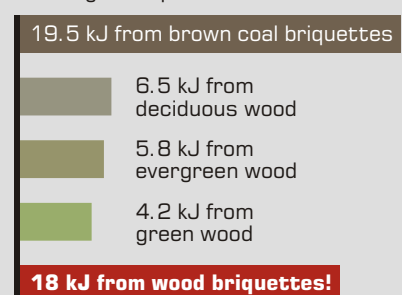
Up to 90% volume reduction thanks to Reinbold briquetting technology.

Wood chips, shavings, etc. take up valuable storage space. Compact briquettes reduce storage and transport costs. The spontaneous combustion hazard is extremely low for stored briquettes. Briquettes can reduce general heating costs. That can amortize the acquisition of a briquetting press.

Ash development in %



Heating value per cubic meter in kJ



2.5 kg briquettes made from planer shavings = the heating value of 1 L of heating oil

1 t briquettes made from planer shavings = the heating value of 400 L of heating oil

It's that easy for a briquetting press to pay itself off!

Briquettes are clean, economical fuel.

Many materials can be compressed, such as: Hard or soft wood, planing materials, wood chips, sawdust and sanding dust when mixed with other materials, wooden materials, particle and chipboard, multiplex, OSB, paper, cardboard, and other material, such as straw, hay, Styrofoam...

Maximum material moisture should not exceed 18 %.



Machines from the Reinbold product line:



The AZR 600 series – the universal single shaft shredder for woodworking shops



The AZR 800 – 2000 Gigant series – the single shaft shredder for professional compaction of recyclables



The RLZ 400 - RHZ 1300 S horizontal shredder – a horizontally fed machine



The RMZ 500 - RMZ 1000 series – a four-shaft shredder that is ideal for shredding long stock



The AZR 600 K – 2000 K Gigant series – the single shaft compactor for effective plastics shredding



The RNZ series – granulators for two-stage shredding down to a chip size of > 3 mm

Drawing on its many years of experience, Reinbold, with its broad range of machines, is able to offer ideal solutions for different applications in material shredding and briquetting. Our testing facility is available to perform tests on your material.

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