

High-powered performance

RB 20 SV - RB 200 Flexible S briquetting presses



RB 160 Spezial

RB 30 SV



economical - robust - powerful

The briquetting presses series RB 20 SV - RB 200 Flexible S are technically advanced and equipped with extra features. The series offers numerous configurations, making it suitable for companies with a broad array of briquettable recyclables.

Further features include: robust design, easy maintenance, low operation costs, excellent reliability, operator-friendly, wide range of applications. Let us help you find the best way to briquette your material.





RB 30 SV

RB 30 SV

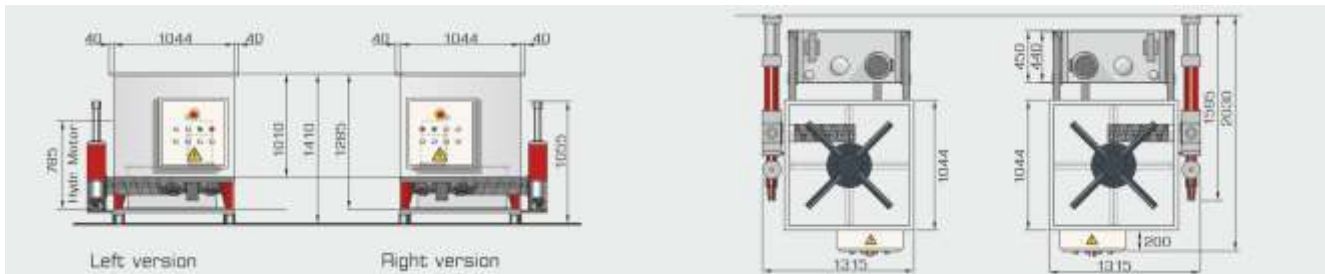
RB 20 SV - 60 SV Prestige series
For small to medium throughput; left and right versions
of the compaction unit available

The RB 20 SV - 60 SV Prestige series not only has compact dimensions, but it is also a workhorse. Ideal applications are small and mid-sized companies that are concerned with optimizing the cost/benefit ratio. Prestige series models are supplied complete with hydraulic oil and a safety switch for oil temperature.

Automatic strand-length monitoring ensures trouble-free, constant production of briquettes of equal length.

The agitator feeds the material to be compacted via a screw conveyor into the press block.

Option: The fill level indicator starts the press automatically as soon as the material reaches the fill level paddle.



Type		RB 20 SV	RB 30 SV	RB 50 SV	RB 60 SV
Reserve container	(mm)		1,044 x 1,044 x 1,010		
Briquette diameter	(mm)	40	50	60	70
Throughput	(approx. kg/h)*	20 - 40	30 - 50	40 - 60	60 - 80*
Hydraulic motor	(kW)	4	5,5	5,5	7,5
Oil quantity	(l)	100	100	100	100
Weight	(approx. kg)	600	700	750	850

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



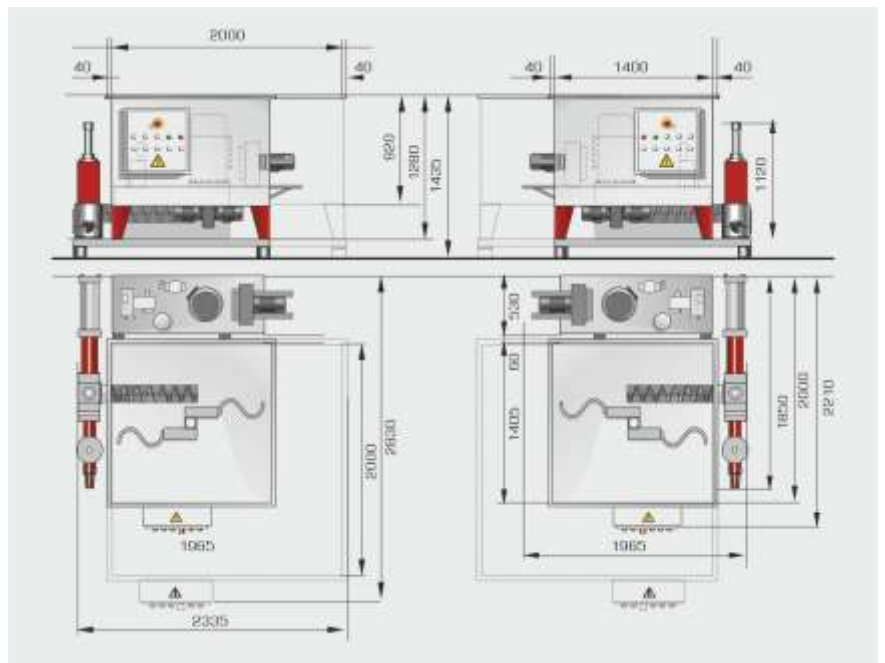
RB 100

RB 200

**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 like, oil cooling for continuous operation, transmission lines, briquette length monitoring, auto-automatic on/off, switch for oil shortcoming, hopper attachments

Agitator RB 200



Type		RB 100	RB 120	RB 160	RB 200
Reserve container	(mm)		1,400 x 1,400 x 920		
Briquette diameter	(mm)	50	60	70	80
Throughput	(approx. kg/h)*	80 - 100	100 - 120	120 - 160	140 - 200
Hydraulic motor	(kW)	7,5	7,5	11	11
Oil quantity	(l)	100	160	250	250
Weight	(approx. kg)	870	1,000	1,050	1,250

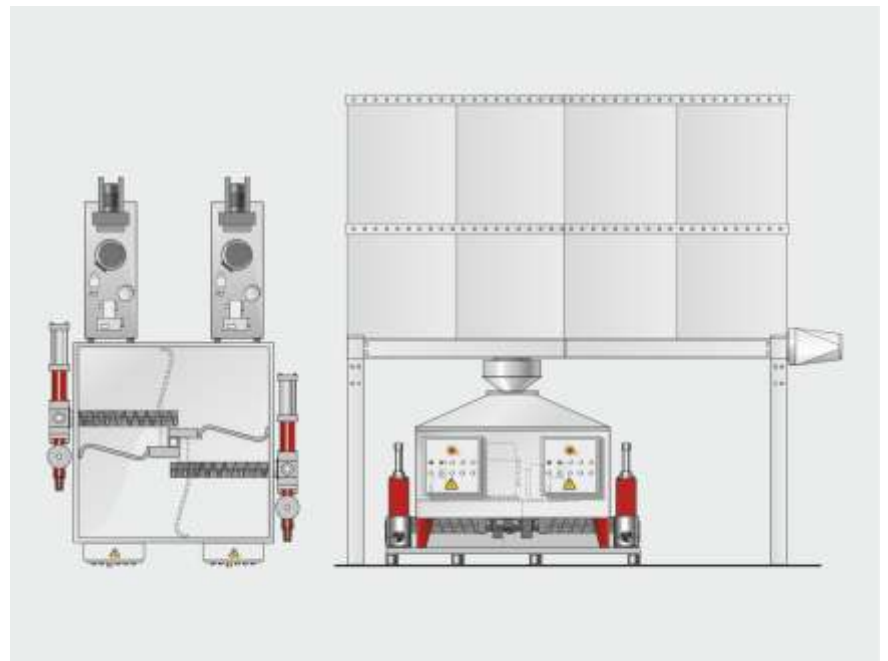
Type		RB 100 Plus	RB 120 Plus	RB 160 Plus	RB 200 Plus
Reserve container	(mm)		2,000 x 2,000 x 920		
Briquette diameter	(mm)	50	60	70	80
Throughput	(approx. kg/h)*	80 - 100	100 - 120	120 - 160	140 - 200
Hydraulic motor	(kW)	7,5	7,5	11	11
Oil quantity	(l)	100	160	250	250
Weight	(approx. kg)	1,050	1,200	1,250	1,450

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



RB 100 - 200 Flexible and RB 160 - 200 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 - 200 Flexible S series is especially designed for industrial applications.



Type		RB 100 Flexible	RB 120 Flexible	RB 160 Flexible
Reserve container	(mm)	1,400 x 1,400 x 920 mm / 2,000 x 2,000 x 920 / or intermediate sizes		
Briquette diameter	(mm)	50	60	70
Throughput	(approx. kg/h)*	80 - 100	100 - 120	120 - 160
Hydraulic motor	(kW)	7,5	7,5	11
Oil quantity	(l)	100 or 160	160	250
Gewicht	(approx. kg)**	950 - 1,100	1.000 - 1,100	1,100 - 1,300

Type		RB 200 Flexible	RB 200 Flexible S
Reserve container	(mm)	according to customer's request	
Briquette diameter	(mm)	80	80
Throughput	(approx. kg/h)*	160 - 200	160 - 250
Hydraulic motor	(kW)	11	22
Oil quantity	(l)	250	500
Gewicht	(approx. kg)**	1,300 - 1,500	2,500

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

** total weight, deviations are possible depending on the design



How the briquetting presses work:



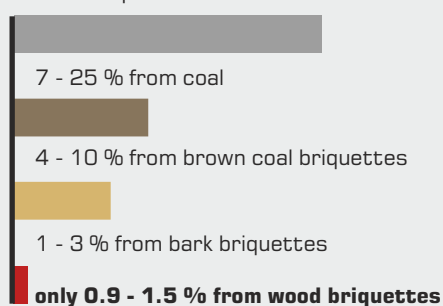
- ❶ Large reserve container with high-quality discharge unit. (Agitator discharge with integrated screw conveyor)
- ❷ All movements can be performed manually using the hand controls on the switching cabinet. The PLC controls ensure user friendly, fully automatic operation
- ❸ Hardened, replaceable compressor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

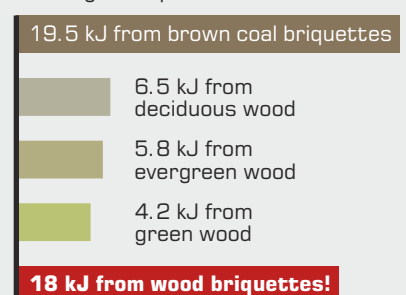
Up to 90 % volume reduction, thanks to Reinbold briquetting technology

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 soon.

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:



Series AZR 50 Primus:
the starter model of the single-shaft shredders with drawer feed



Series AZR 600 - AZR 800 S:
the universal single shaft shredder for woodworking shops



Series AZR 800 - AZR 2000 S Gigant:
the single shaft shredder for professional compaction of recyclables



Series RLZ 400 - RHZ 1300 S:
the horizontal shredder with horizontal material feed



Series AZR 600 K - 2000 S K Gigant:
the single shaft shredder for effective plastics shredding



Series RMZ 500 - RMZ 1000 S:
The four-shaft shredder that is ideal for shredding long stock

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.

Reinbold Entsorgungstechnik GmbH

Robert-Mayer-Straße 5
74360 Ilsfeld (Germany)
Phone: +49 (0) 7062 / 97885-0
Fax: +49 (0) 7062 / 97885-50
info@reinbold.de
www.reinbold.de

Your dealer: