

# Our big powerful

## Single Shaft Shredder AZR 600 - AZR 2000 S Gigant



AZR 1500

AZR 600

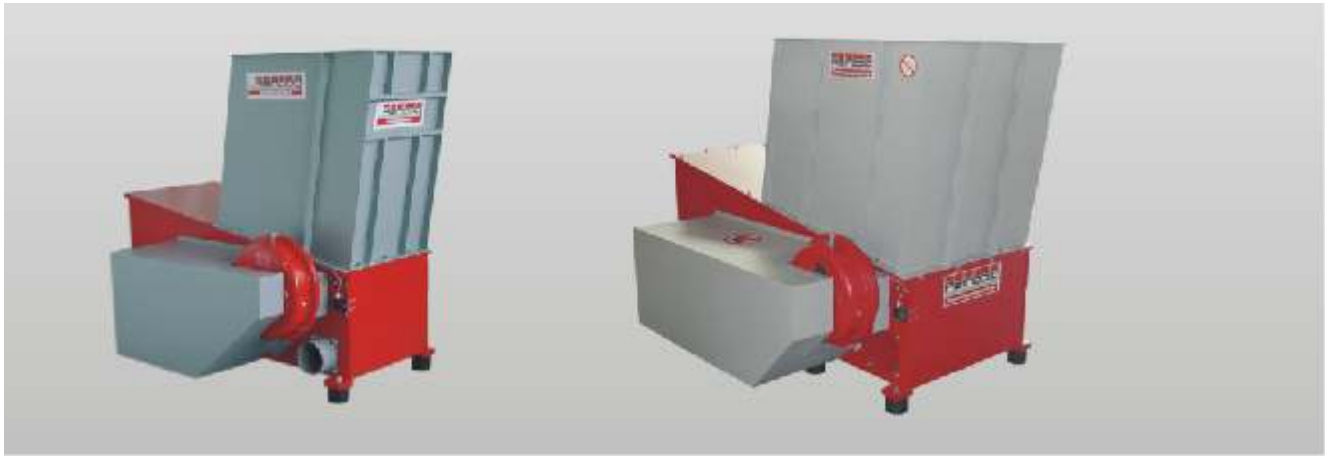


**economic - robust - powerful**

In the process of production you have waste. This can be either recycled for further applications or grinded. Our single shaft shredders of the series AZR offer extremely powerful solutions. Their solid construction allows for the efficient and

economic shredding of bulky and large materials. Further features include: robust design, high throughput rates, excellent reliability, operator-friendly, easy maintenance, low operating costs, wide range of applications.





## Compact Single Shaft Shredders, the series AZR 600 - AZR 1000 S



(2)

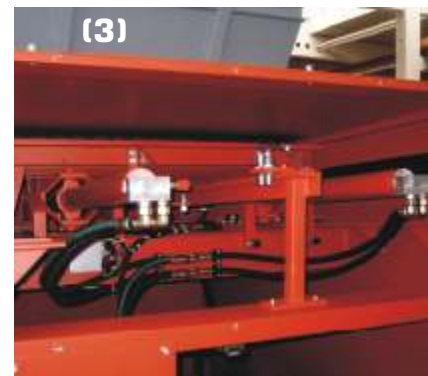
(1) The rotor shaft is made of solid steel. The cutting gap between rotor and counterknife is adjustable (optional).

(2) Hydraulic feed to ensure constant material feed to the rotor.

(3) Hydraulic cylinders suspended by cardanic joints are used to prevent the service life of piston cups being shortened.

(4) Variable screens for adjusting the size of chips to individual needs.

(5) Security package with gear end limit switch and reverse counter.

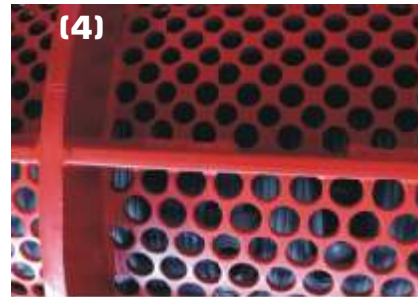


(3)



(1)

Rotor-Version 5



(4)

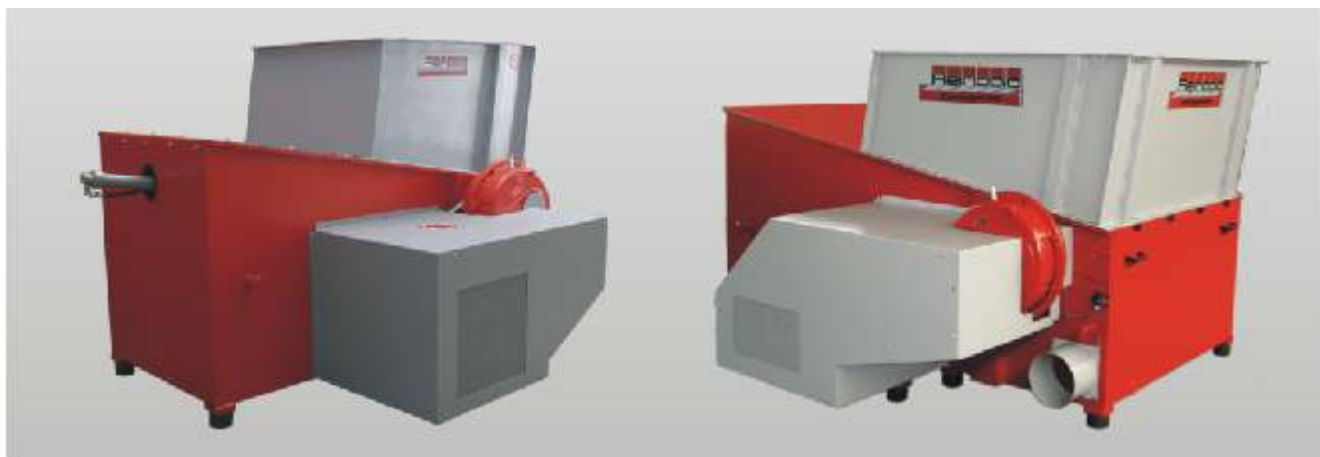


(5)

Type	AZR 600	AZR 600 S	AZR 800	AZR 800 S	AZR 1000	AZR 1000 S
Hopper opening (mm)	600 x 800	600 x 900	800 x 1.000	800 x 1.200	1.000 x 1.000	1.000 x 1.200
Hopper volume (m <sup>3</sup> )	0,6	0,7	0,9	1,2	1,0	1,25
Troughput rate	depending on the type of material and screen used					
Rotor-Ø (mm)	252	354	252	354	252	354
Rotor speed (UpM)	60-100	60-100	60-100	60-100	60 - 100	60-120
Power consumption (kW)	11/15/18,5	15/18,5/22	15/18,5/22	18,5/22/30/37	18,5/22	22/30/37/45
Tools* (Pcs)	14	14/28	20	20/40	25	25/50
Screen perforation (mm)	10-40	10-40	10-40	10-40	10-40	10-40
Suction port-Ø (mm)	160	200	200	200	200	200
Air speed (m/sec)	28	28	28	28	28	28
Weight (approx. kg)	1.300	1.700	1.500	2.000	1.800	2.800

\* Consult your dealer for assistance in selecting the tool which is best suitable for your application profile!





The following parameters are applicable to all machines of the AZR series:

**Perforation size:**

The standard size is 15/20 mm; optional sizes (mm): 10/12, 12/15, 20/25, 25/30; 35/40 Special sizes on request

**Throughput rate:**

This parameter depends on the type of material to be handled (long, short, wet, dry, etc.) as well as on the size of the screen perforation. A machine usually processes between two and four hopper fillings per hour.

**Removal of chips:**

For this purpose you can use a suction plant, a conveyor screw or a conveyor belt. The minimum air speed for suction plants is 28 m/s.

**Options:**

- (1) = Movable screen cage
- (2) = Segmented floor 4-sided
- (3) = Discharge via worm screw
- (4) = Turbo hydraulic from 22 kW

**Powerful grinders, the series AZR 1200 - AZR 2000 S**

Type	AZR 1200	AZR 1300	AZR 1400	AZR 1500	AZR 1800	AZR 2000
Hopper opening (mm)	1.200 x 1.200	1.300 x 1.200	1.500 x 1.200	1.500 x 1.500	1.800 x 1.500	2.000 x 1.500
Hopper volume (m³)	1,5	1,65	1,85	2,3	2,8	3,0
Troughput rate	depending on the type of material and screen used					
Rotor-Ø (mm)	354	354	354	354	354	354
Rotor speed (UpM)	60-120	60- 120	60-120	60-120	60-120	60-120
Power consumption (kW)	22/30/37/45	37/45/55	37/45/55/75	37/45/55/75	45/55/90	45/55/90
Tools* (Pcs)	29/58	35/70	37/74	37/74	2 x 45/ 2 x 55	2 x 45/ 2 x 55
Screen perforation (mm)	10-50	10-50	10-50	10-50	10-50	10-50
Suction port-Ø (mm)	200	250	250	250	250	250
Air speed (m/sec)	28	28	28	32	32	32
Weight (approx. kg)	3.200	3.800	4.000	4.500	5.800	6.500

\* Consult your dealer for assistance in selecting the tool which is best suitable for your application profile!

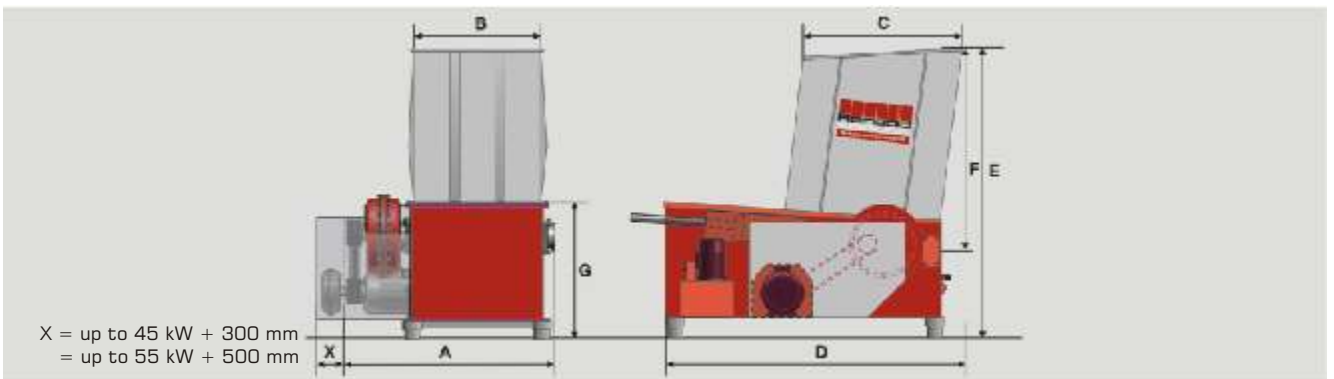


**For industrial applications, the series AZR Gigant**



Application examples of the series AZR

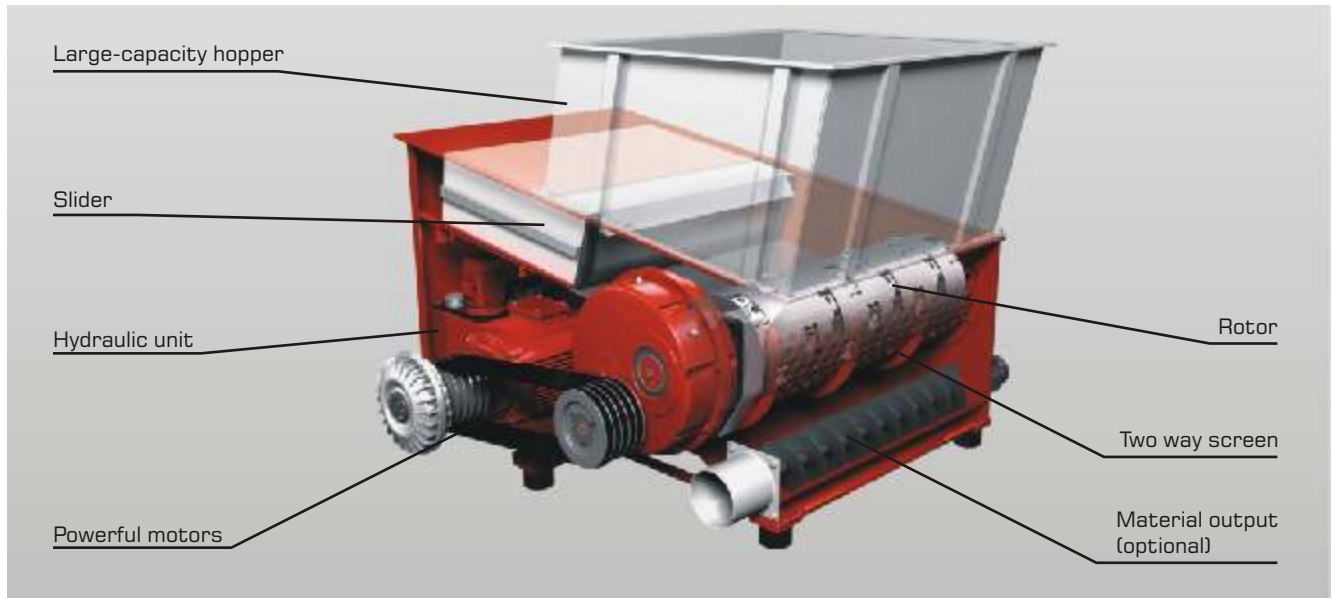
**Specifications: Dimensions of the AZR Series**



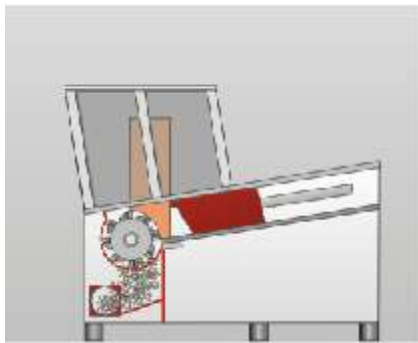
Type	AZR 600	AZR 600 S	AZR 800	AZR 800 S	AZR 1000	AZR 1000 S
Size A (mm)	1.100	1.100	1.300	1.340	1.500	1.800
Size B (mm)	600	600	800	800	1.000	1.000
Size C (mm)	800	900	1.000	1.200	1.000	1200
Size D (mm)	1.800	1.940	2.100	2.420	2.100	2400
Size E (mm)	1.640	1.795	1.640	1.730	1.640	1.720
Size F (mm)	1.090	1.090	1.090	1.020	1.090	1.030
Size G (mm)	740	880	740	1.000	740	990
Type	AZR 1200	AZR 1300	AZR 1400	AZR 1500	AZR 1800	AZR 2000
Size A (mm)	2.000	2.215	2.300	2.300	2.600	2.800
Size B (mm)	1.200	1.300	1.500	1.500	1.800	2.000
Size C (mm)	1.200	1.215	1.200	1.500	1.500	1.500
Size D (mm)	2.400	2.150	2.400	3.000	3.000	3.000
Size E (mm)	1.720	1.730	1.720	1.720	1.720	1.720
Size F (mm)	1.030	1.030	1.030	1.030	1.030	1.030
Size G (mm)	990	945	990	990	990	990



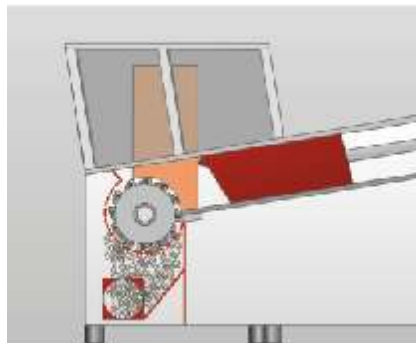
## The functionality of the Single Shaft Shredders:



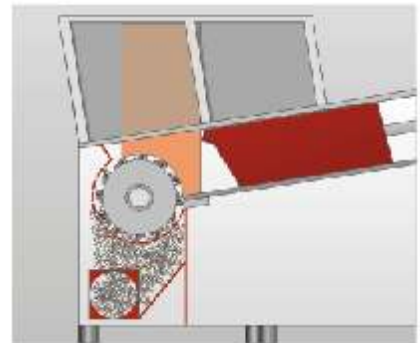
## The different diameters of the rotors:



The rotor with diameter 252 mm and excellent power for smaller applications (AZR 600)



Rotor with diameter 354 mm providing a wide angle of screen contact for higher throughput (Serie S)



## Cutting knives that lower your operating costs!

The use of various types of knives enables job-related adjustment of the shredder to the material being processed.



Rotor version 7

The highly efficient scissors cut of the concave ground circular cutting heads enable a very high work rate with very little effort. The knives are mounted on a rotor and can be turned up to 8 times with just a few adjustments before having to be exchanged completely.



Rotor version 5



Concave cutting heads can be turned up to 4 times.



**More machines from the Reinbold product line:**



The AZR 600 - 2000 Gigant series: the single shaft shredder for effective plastics shredding



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



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



The series RB 80 - RB 300 S Flexible: for briquetting chips



The series RB 20 SV - RB 60 SV: the small but powerful briquetting press



The RNZ granulator series: 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.

**Reinbold Entsorgungstechnik GmbH**

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

Your dealer:

# High-powered and compact

Single-shaft shredders, RLZ, RHZ and RHZ plus series



RHZ 1000 plus

RLZ 400

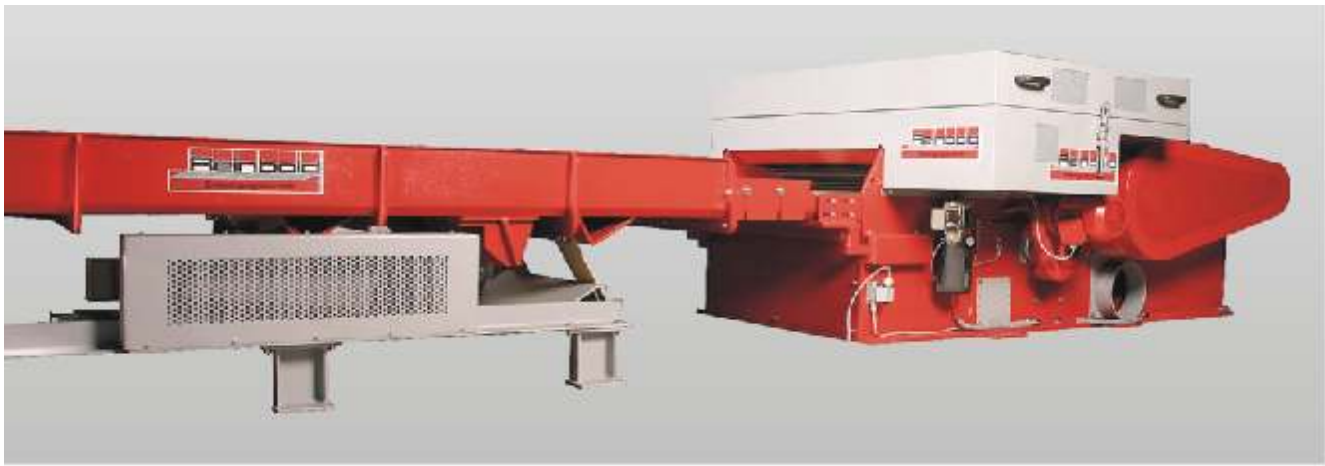


**economical - robust - powerful**

The horizontal shredders series RHZ are used in medium-sized companies and woodworking shops for the disposal of long thin wood waste like strips and slats. The machines can be used right beside the machining equipment due to their compact and sturdy construction.

Feed rolls and special strips ensure better material feed and simpler loading of the machine. The machines guarantee reliable and profitable operation with good throughput.





## Shredders with link chain feed, 400 - 1300 RHZ plus series



RHZ plus series horizontal shredders are used to shred long and short wood waste, chip board, packages and strips. The materials can also be fed to the rotor in packages using the special link chain feed.

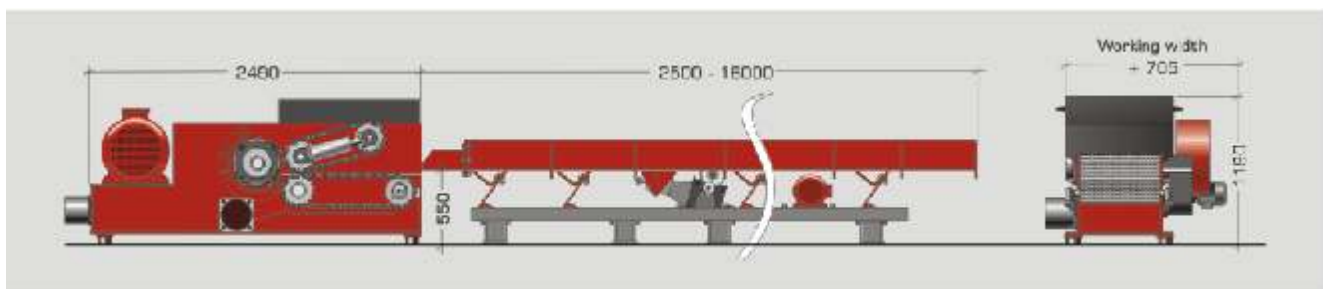
The material to be shredded is entered and fed to the rotor via a vibration chamfer that is as wide as the horizontal shredder.

The material stack is caught by the chain belts, pressed together and supplied to the rotor.

The feed is controlled based on load. A rotor construction with a diameter of 482 mm is available for more throughput.



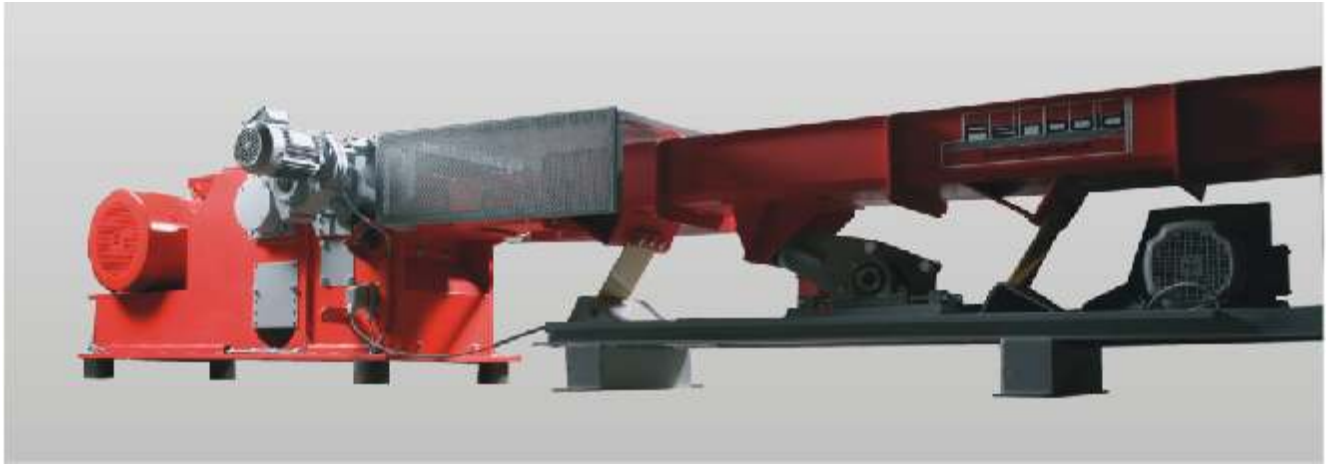
Rotor version 7



Model	RHZ plus 400 S	RHZ plus 600 S	RHZ plus 800 S	RHZ plus 1000 S	RHZ plus 1300 S
Feed opening (mm):	400	600	800	1000	1300
Throughput (approx.kg/h)*:	1.800	2.300	3.000	3.500	4.000
Rotor diameter**:	354	354/482	354/482	354/482	354/482
Power required (kW):	22/30/37/45	37/45/55	45/55/75	45/55/90/110	55/75/90/110
Tools (quantity):	20	30	40/60	50/75	64/96
Screen perforation (mm):	20 - 100	20 - 100	20 - 100	20 - 100	20 - 100
Suction piece Ø (mm):	250/300	250/300	250/300	250/300	250/300
Weight (approx., kg):	1.800	2.400	3.000	4.000	5.000

\* screen 35 mm / depending on the type of material  
 \*\* Rotor diameter 482 mm = RHZ Gigant plus series





The Reinbold RHZ series is equipped with smart details: Two feed rolls and special strips ensure better material feed and simpler loading of the machine.



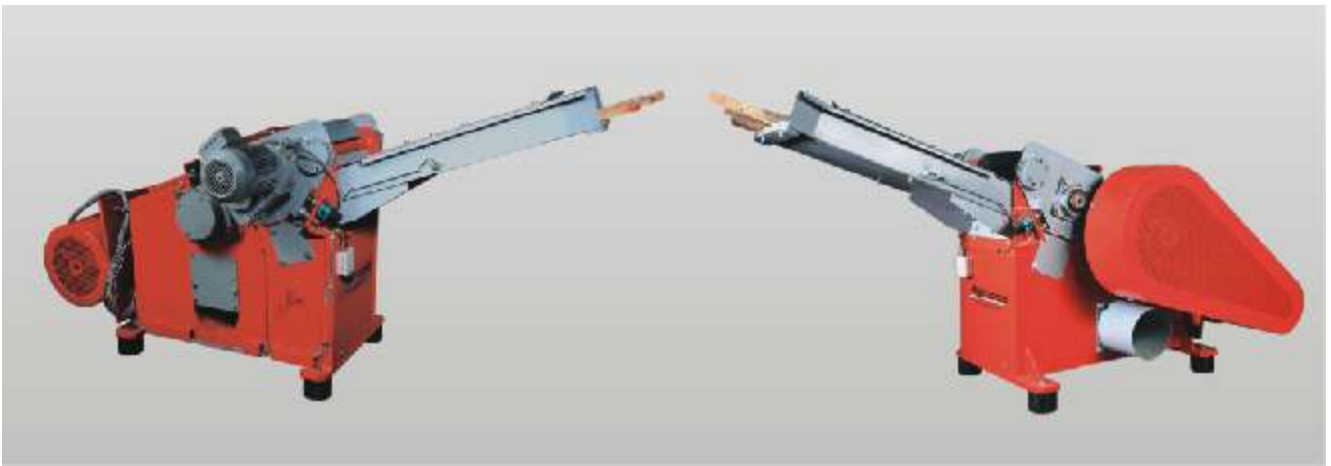
New, improved and more stable strips on the feed rolls guarantee optimum material entry and constant material supply to the rotor. The feed unit is controlled based on load and shuts off automatically if there is too much material. Thus the rotor can continue shredding without malfunctioning and is not overloaded.

### Compact construction, the RHZ 300 - 1300 S series



Model	RHZ 300	RHZ 400 / 400 S	RHZ 600 / 600 S	RHZ 800 S	RHZ 1000 S	RHZ 1300 S
Feed opening (mm):	300	400	600	800	1000	1300
Throughput (approx. kg/h):	depending on the type of material and screen used					
Rotor diameter*:	252	252/354	252/354	354/482	354/482	354/482
Power required (kW):	18,5/22	18,5/22/30/37	22/30/37/45	37/45/55/75/90	37/45/55/75/90	45/55/75
Tools (Pcs):	8	10/20	15/30	40/60	50/75	64/96
Screen perforation (mm):	20 - 100	20 - 100	20 - 100	20 - 100	20 - 100	20 - 100
Suction piece Ø (mm):	250	250/300	250/300	250/300	250/300	250/300
Weight (approx. kg):	900	1.000/1.400	1.900	2.300/3.200	2.800/3.200	3.300/4.500

\* Rotor diameter 482 mm = RHZ Gigant series



The small strip shredders with angled feeds in the RLZ series for disposal of long thin wood waste such as strips and slats are implemented right beside the machining equipment.

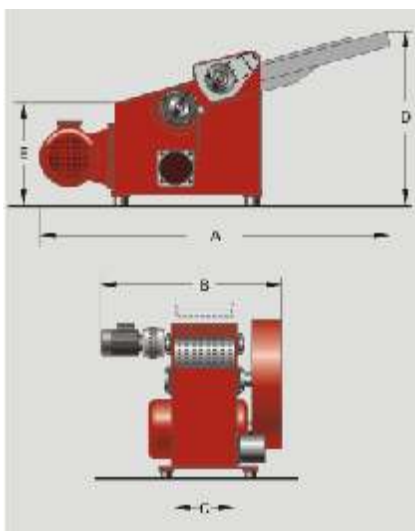
The material to be shredded is entered directly in the rotor width of the RLZ. The material is supplied directly to the rotor using a feed roll.

The feed works based on load and shuts off automatically. This is carried out until the material is fully shredded.

### Strip shredders with angled feeds, the RLZ 400 - 800 series



Our little RLZ is an all-rounder for use beside a board sectioning saw or multiple-blade saw for example. The RLZ is also suitable for shredding other materials such as plastic profiles and strips.



Model		RLZ 400	RLZ 600	RLZ 800
Feed opening	(mm):	400 x 50	600 x 50	800 x 50
Throughput	(approx. kg/h):	depending on the type of material and screen used		
Rotor diameter:	(mm):	252	252	252
Rotor speed	(rpm):	200 - 300	200 - 300	200 - 300
Power required	(kW):	15/18,5	22	30
Tools	(quantity):	10	15	20
Screen perforation	(mm):	20-50	20-50	20-50
Suction piece Ø	(mm):	200	200	200
Air	(m/sec):	28	28	28
Weight	(approx. kg):	1.000	1.300	1.700
A	(mm):	2.190	2.190	2.190
B	(mm):	965	1.200	1.420
C	(mm):	400	600	800
D	(mm):	1.100	1.100	1.100
E	(mm):	685	685	685

Demonstrations and tests with your material can be arranged upon request in our testing facility. More sizes and models are available! Detailed dimensions upon request. (All dimensions in mm).



## Reinbold material shredders: application images



Shredding wood waste from a plate saw with an RHZ 400 S horizontal shredder set up below ground



With special chain feed and connected to an extraction unit

RHZ 1000 plus in use

## Knives that reduce your operating costs!

One of the most important characteristics of Reinbold shredders consists of a sophisticated knife system. This innovation helps reduce operating costs. In order to enable optimum scissor cutting with little force, the round knives are ground so as to be concave. The knives are round to retain a large contact surface in contact with the material to be shredded.

The knife system is protectively placed in the rotor. The round knives on it can be rotated and turned over up to eight times until they have to be replaced.

The rotors of the machines turn at a speed of approx. 600 - 900 min<sup>-1</sup> and ensure calm operation with little dust formation.

The rotor shaft is made of solid steel and withstands even the most extreme conditions. There is a reduced distance between the rotor and the segmented and angle-milled counterknives.

The cutting gap can be readjusted. The shredding results are homogenous without striation.



Concave cutting heads can be turned up to 4 times.



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



The series RB 80 - RB 300 S Flexible: for briquetting chips and dust



The series RB 20 SV - RB 60 SV: the small but powerful briquetting press



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.

**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:



## The compact, power-packed

### AZR 60 PRIMUS material shredder



**economical - sturdy - powerful**

The AZR 60 of the PRIMUS series is the starter model of the single-shaft material shredders with drawer feed. An economical shredder for smaller amounts of wood waste with maximum cost benefit ratio.

Other features include:  
Sturdy construction, very reliable, easy to use, easy maintenance, lower operating costs and a wide range of possibilities for use.



## AZR 60 PRIMUS material shredder

These machines are designed specifically to meet the demands of modern shredding techniques. Nearly all types of material can be processed economically with the slow-running rotors.

The AZR 60 PRIMUS is the perfect machine for smaller firms.



The screen perforation determines the size of the shreds



The flat rotor is made of solid steel and is situated on the solid rotor casing. The knife holders are welded onto the outside. The cutting knives are inserted into these holders and mounted at the back. This enables a quick change of knives. The concave squared knives are 4 times reversible and ensure a precise cut and increased output.



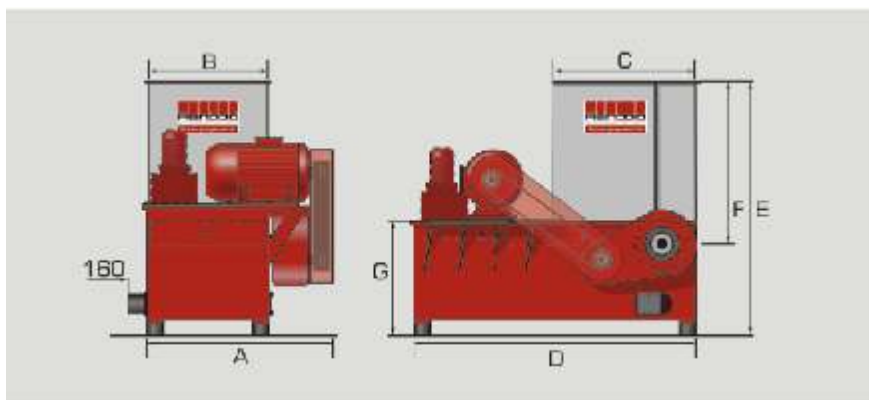
Hydraulic unit and hydraulic cylinder for the drawer. Hydraulic feed for a constant flow of material to the rotor and for continuous shredding.



Belt drive – spur gear reduction



Qualified for the crushing of wood waste and matured timber in a joinery, for example.



### Typ AZR 60 PRIMUS

Rotor- $\varnothing$ :	252 mm	Power:	15 / 18,5 kW
Rotation:	60-100 TpM	Screen perforation:	from 10 - 40 mm
Feed opening:	600 x 800 mm	Knives:	14 Pieces
Hopper vol. :	0,6 m <sup>3</sup>	Weight:	approx: 1.250 kg
Throughput:	according to material and screen		
Size A	1.150 mm	Size E	1.640 mm
Size B	600 mm	Size F	1.165 mm
Size C	800 mm	Size G	660 mm
Size D	1.600 mm		

### 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:

# 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.





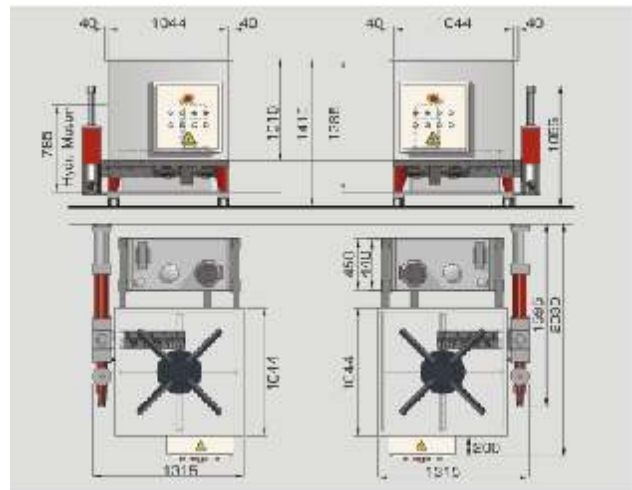
RB 30 SV

**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.



Briquette extension  
(optional)



Prestige series:		RB 20 SV	RB 30 SV	RB 50 SV	RB 60 SV
Reserve container	(mm):		1044 x 1044 x 1010		
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 %.

**Option:** 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.



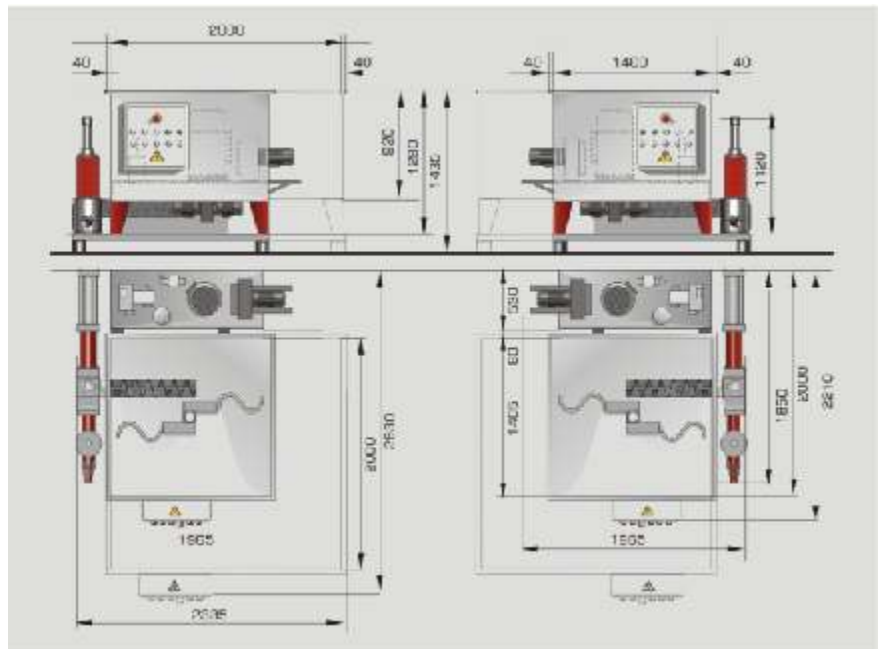


**RB 100 - 200 and RB 100 - 200 plus series  
for high throughput with two different sized containers  
left and right versions of the compaction unit available**

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



		<b>RB 100</b>	<b>RB 120</b>	<b>RB 160</b>	<b>RB 200</b>
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

		<b>RB 100 plus</b>	<b>RB 120 plus</b>	<b>RB 160 plus</b>	<b>RB 200 plus</b>
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

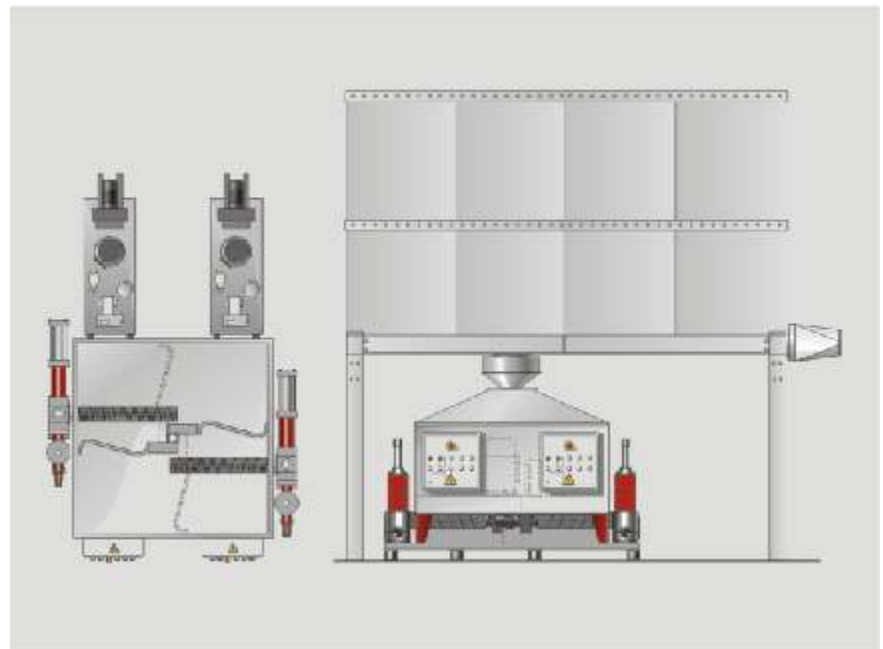


RB 200 Flexible in tandem configuration

**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 / \*\* total weight, deviations are possible depending on the design  
Maximum material moisture should not exceed 18 %



## How the briquetting presses work:



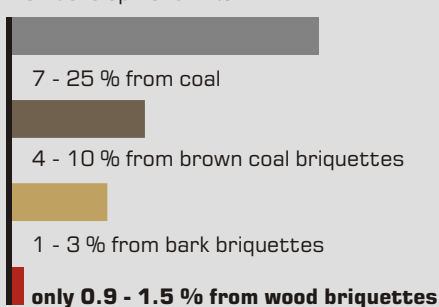
- ① Large reserve container with high-quality discharge unit. (Agitator discharge with integrated screw conveyor)
- ② All mechanical movements can be performed manually using the hand controls on the switching cabinet. The PLC controls ensure user friendly, fully automatic operation.
- ③ Hardened, replaceable 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 and 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 %.**



**More 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.

**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:

# The high-powered

## Four Shaft Shredders RMZ 500 - RMZ 1000 S



**economical - sturdy - powerful**

High powered four-shaft shredders: These machines shred waste residues and recyclable materials with ease. Ideal for reducing the volume of materials at an optimum cost-benefit ratio.

Other features include: Rugged design, very reliable, operator-friendly, low running costs, wide range of applications and particularly suitable for shredding lengthy objects.

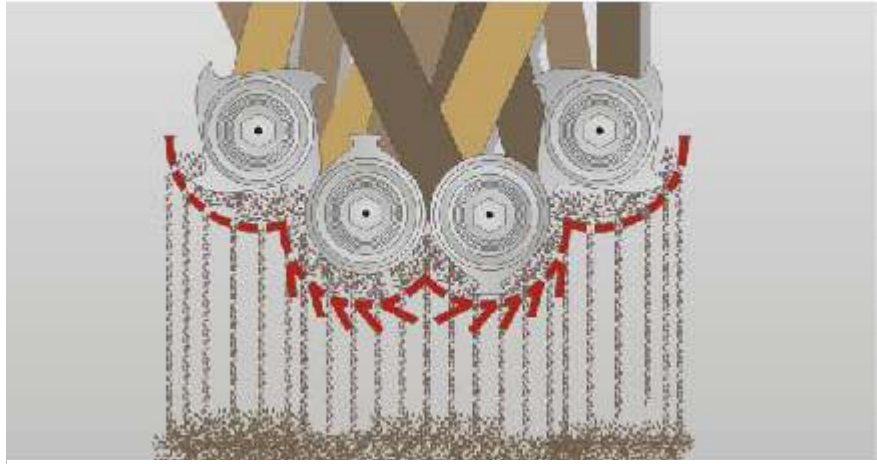
## Four Shaft Shredder RMZ 500 - RMZ 1000 S

The classical multi-shaft shredder in a modern design, combined with the modern know-how of Reinbold.

The rugged shredder is fitted with an electronic control system which protects the machine against overloading and switches off when empty. The large hopper and the blade shaft enable a high throughput rate at low power consumption.

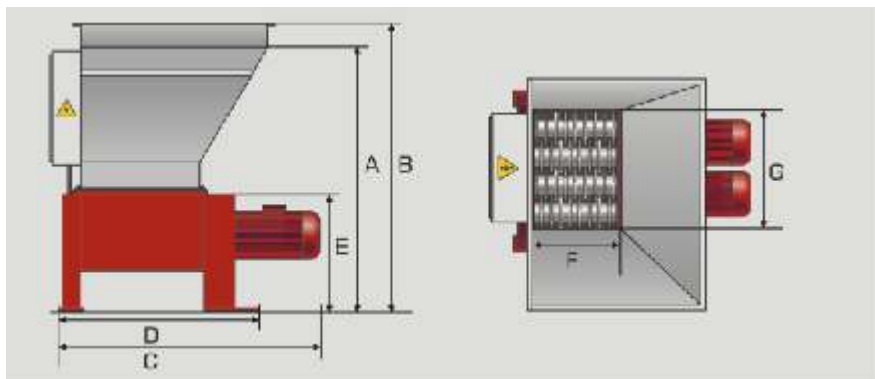


Additional back-up shredders underneath the perforated screen prevent the occurrence of long chips. The radius of the perforation determines the size of the chip.



The cutting system comprises of 2 cutting shafts and 2 broaching shafts or optional of 4 cutting shafts.

The cutting system is driven by firm cogwheels which run in a closed oil bath.



Type	RMZ 500	RMZ 700 S	RMZ 1000 S
Hopper opening (mm)			
Width	1.000	1.400	1.400
Length	1.250	1.300	1.500
Cutting tool opening (mm)			
Width (F)	462	760	990
Length (G)	562	700	700
Plate-Ø (mm)	235	280	280
Motor output (kW)	2 x 7,5 2 x 11	2 x 15 2 x 18,5 2 x 22	2 x 15 / 2 x 18,5 2 x 22 2 x 30
Throughput rate (kg) with a perforation- diameter of *			
20 mm	300-500	600-1.200	800-1.500
25-40 mm	500-800	800-1.500	1.000-2.000
Dimension (mm) A	1.660	1.660	1.690
Dimension (mm) B	1.970	1.980	1.980
Dimension (mm) C	1.400	1.780	2.250
Dimension (mm) D	1.040	1.250	1.470
Dimension (mm) E	830	830	830
Weight (approx. kg)	1.300	2.500	3.000

\* depending on material, conditions, screen size and input rate

### 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: