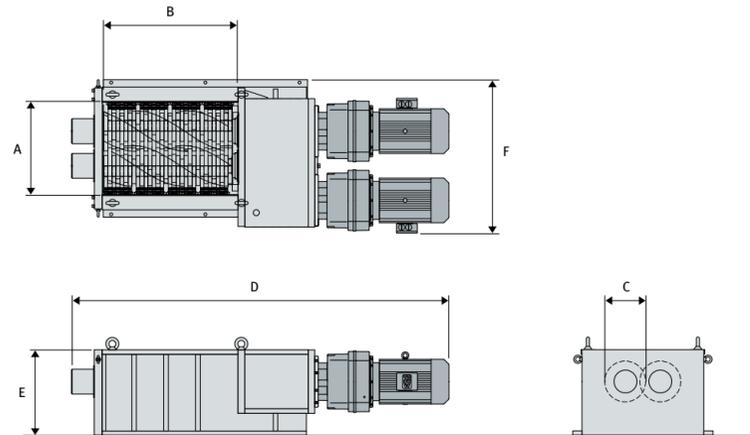


Main specifications.



		BAS-30	BAS-74	BAS-150
Cutting cabine (A x B)	mm	510 x 1095	810 x 1200	1115 x 2000
Shear blades diameter (C)	mm	240	370	510
Shear blades width	mm	12 → 30	12 → 45	40 → 98
Length (D)	mm	2515	3315	4665
Height (E)	mm	600	800	950
Width (F)	mm	1015	1260	1780
Weight	kg	2650	6300	12500
Capacity engine	kW	2x 15	2x 37	2x 75
Distance axles	mm	192	305	465
Axle geometry	mm	85	127	227
Number of axles		2	2	2
Noise level	dBA	79	79	79
Capacity*	ton/h	1 → 2	3 → 6	8 → 13

*The actual capacity depends on processed materials and desired partial size.



Disclaimer - All information in this document has been provided with the greatest diligence. However, we cannot guarantee its accuracy or any changes that may have occurred in the meantime. Therefore, any liability is expressly excluded. No part of this brochure may be reproduced transmitted in any form or by any means without our explicit and written permission – Bollegraaf Recycling Solutions.

Other products in our shredder range.



HSB shredder

The HSB series, so-called high-speed rotary machines, are characterized by their large capacity and low maintenance costs. Perfect for reducing different types of high grades paper, newspapers, magazines & cardboard.



AS shredder

The AS series destroys confidential paper files without any problem. The material is shred into small pieces by the combination of the large number of hammers, the contra anvil and the high number of revolutions.



CS shredder

The CS cardboard shredder has been especially developed for shredding/destroying larger cardboard plates and tubes. The CS shredder is a slowly rotating shredder that makes little noise and is economical in its power consumption. The CS cardboard shredder is very user-friendly and offers a high degree of operational reliability.

For more information, an overview of our complete shredders range and all available options, please visit our website: www.bollegraaf.com

About Bollegraaf.

Bollegraaf Recycling Solutions is a leading global engineer and manufacturer of turnkey recycling solutions and recycling equipment, based in the Netherlands. Bollegraaf Recycling Machinery b.v. and Lubo Systems b.v. are production companies of the Bollegraaf Group.

We focus on the innovative character and reliability of our solutions and the high quality of our products and services. With a track record of 50+ years in the industry, we have the experience to achieve this. Bollegraaf invests heavily in research and development, as well as in the latest manufacturing equipment and facilities. All this is to ensure a profitable and sustainable business for our clients.

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Bollegraaf Recycling Solutions is the trading name of Bollegraaf Recycling Machinery b.v. and Lubo Systems b.v.

10-2014

Bollegraaf. Shredders.

BAS shredder

This is an overview of the most important features and advantages of our BAS shredders range.

1 Slow speed shredding technology

- Low dust production
- Little fire hazard
- Low noise levels

2 Automated feed control

- prevents system blockage

4 Advanced motor technology

- 2 independent motors linked by integrated gearbox
- PTC system: protection against over heating



5 Hardened shear blades

- Hardened 16 MGCr5 (standard)
- Ultra-hardened Caldie (optional)

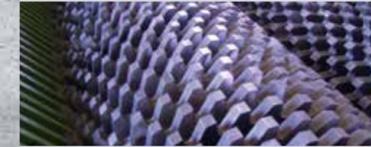
3 High quality built

- High reliability
- Long live span
- Low cost of operation

The BAS shredder has two shafts whereby the shear blades revolve around each other, so the material is cut into strips. The thickness of the shear blades and the distance between the teeth determines the size of the strips/shreds.



Crude shredding shear blades / Large teeth (35 mm) are used for rough shredding, whereby capacity can be increased (to a maximum of approx. 6,000 kg/h) by defining the header side of the shear blades at an angle. This increases the grip on the material that is to be shredded.



Fine shredding shear blades / Small teeth (12 mm) are used for fine shredding, e.g. for the destruction of confidential files after rough-shredding beforehand. Maximum capacity approx.: 3,000 kg/h.

Advantages.

1 Slow speed shredding technology

- Overall lower dust production, some light dust will be produced when shredding paper.
- Little fire hazard. Because of the low speeds of the rotors (less than 1 m/sec), there is no danger of sparks being produced by the shear blades.
- More silent than traditional (high-speed) shredding technology. Because there is little noise, a noise-dampening casing is usually not required. Noise level remains below 80 dBA.

2 Automated feed control

- The BAS is electronically protected against overfeeding. If the amperage is too high, the shredder will stop and rotate reversibly, to then cut the material again. The supply flow will then also stop temporarily. This significantly prevents costly system blocking and reduces overall downtime of your shredding installation.

3 High quality built

- All Bollegraaf machines are built using only A-quality materials and components are used to ensure the highest reliability and longest life span, for lower cost of operation.

4 Advanced motor technology

- The BAS is driven by two motors, which are linked by way of their own gearing via the integrated gearbox. This integrated gearbox has two outgoing, hexagonal shafts, with shear blades mounted on them with spacing rings. These shafts operate at revolutions that differ one revolution a minute from each other, so that individual teeth constantly meet a different tooth on the other shaft at every revolution. This significantly improves the overall shredding process. In addition, the motors have PTC (positive temperature coefficient) feelers that will turn the motors off if overheating occurs.

5 Hardened shear blades

- Our shear blades are manufactured from special made hardened, A grade steel, for extreme durability. The shear blades (Hardened 16 MGCr5) can be regrinded up to 3 times after approx. 4,000 machine hours. The blades rotate towards each other, and material is cut/snipped between. On both sides, special combs have been mounted to scrape off the material to ensure it is dropped on the underside.
- Optionally the BAS shredders can also be equipped with Wear-resistant, ultra hardened Caldie shear blades; 3 times more tough / flexible compared to standard type shear blades.

Bollegraaf BAS shredder.

Bollegraaf offers several types of shredders for a large variety of materials and shredding applications. Our advanced range of slow speed shredders (BAS series) can be equipped with crude (35 mm) or fine (12 mm) shear blades and are ideal for e.g. (confidential) archive shredding.

All Bollegraaf shredders are engineered and produced to deliver quality results with impressive reliability. Only A-quality materials and components are used to ensure the highest reliability and longest life span, for lower cost of operation.

One stop shopping within the Bollegraaf Group offers you a wide range of machinery, professional advice, worldwide installations and service, plus a track record of 50+ years in the industry.

Feel free to ask us how our shredding technology could help you to get even more value from your waste stream.

See our shredders at work.



For a short introduction video of our BAS shredders, please visit our YouTube channel.

Ideal for (confidential) archive shredding at high capacities.



Example lay-out

Our unique 2 step shredding approach is a system consisting of 2 x 37,5 kW shredder (1 fine, 1 crude shredder) resulting in exceptional high output (minimum 5 Tonnes/h) for confidential shredding and providing optimal versatility of the system (e.g.: non-confidential shredding, hard plastics, etc.). Visit www.bollegraaf.com/archive for more information.