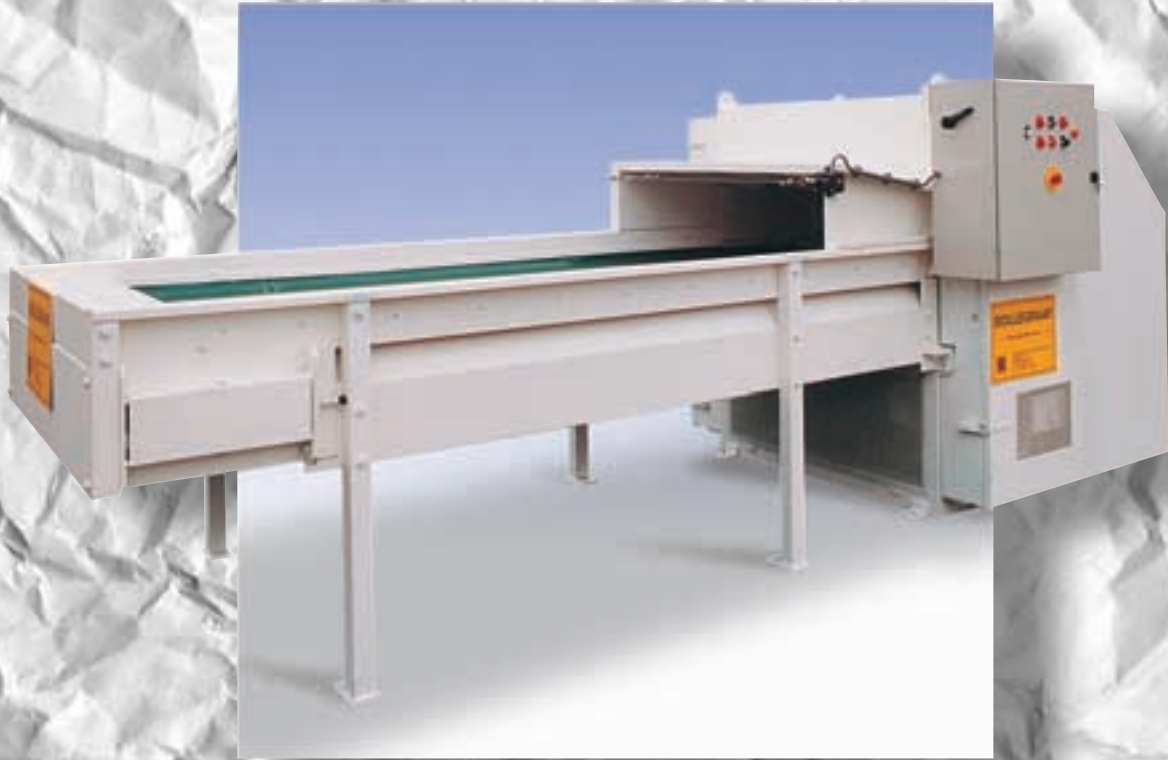


# Bollegraaf



***Cardboard Shredders CS-series***



**Bollegraaf. Big in making recyclables small.**

# The Bollegraaf Cardboard Shredder: it Cuts Cardboard Down to Size, Easily and Economically

Bollegraaf is known throughout the world for its durable, efficient waste processing machinery; and for good reason. Bollegraaf constructs its machinery from the finest materials and components to ensure longevity. What's more, Bollegraaf's leadership in ever more efficient processing techniques is your assurance that the machinery you purchase today will be more than capable of handling the processing demands of tomorrow. The Bollegraaf cardboard shredder is evidence of the high standards we set for the equipment we manufacture.

## Precision Crafted

The heart of the Bollegraaf cardboard shredder is its tri-shafted shredding device which allows it to easily process cardboard and cardboard waste, as well as cardboard tubes, sheets of paper and files.

The cutting knives on each of its three shafts are made of high-grade alloy cast steel and are easily interchangeable. The three shafts are driven by two motor reducers which turn the shafts by means of a chain drive. This simple drive, together with the use of self-lubricating ball bearings, results in the low maintenance costs. A PLC device is utilized for control. And the shredder's operational gear is encased in a sturdy steel plated frame for added durability.

## Conveyor Fed

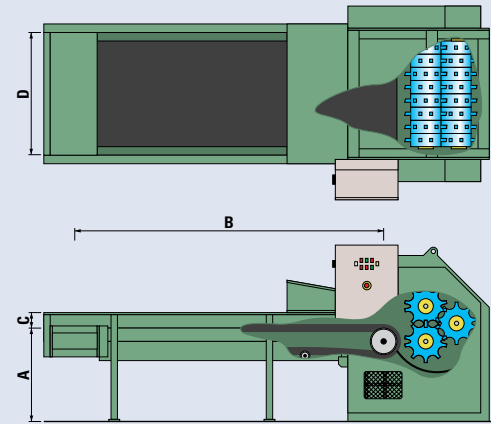
The Bollegraaf shredder is fed by a conveyor belt driven by a motor reductor, with the belt encased in a steel gully. The length of the conveyor belt can be tailored to your needs, as can the method of discharge: either pneumatically or by using an additional conveyor belt.

## Sized and Priced to Fit

The Bollegraaf shredder is built in three compact sizes so you can place it almost anywhere. And in contrast with fast-turning shredders, it's lower in price as well as in energy consumption and noise level. You'll save on maintenance, too, because the shredder is protected against overload by a special feature that stops the shredding action when excessive loads are applied.

## In a Class by itself

When you consider the Bollegraaf cardboard shredder's impressive capabilities, low purchase price and operating costs, as well as its durability you'll understand why Bollegraaf is the choice of so many companies around the world for their waste processing needs.



▲ General drawing Cardboard Shredder

Intelligent PLC control system provided with DeBlock system for a continuous operation process

Feed at optimal working level

Feed conveyor of extra heavy-duty, long-life rubber cloth belt. Automatic stopping at overload

Extra heavy-duty chain drive, maintenance-free and long service life

Very low noise level by application of the LowTurn Shaft principle

Technical Specifications			
	CS 7.5-9.2/1200	CS 9.2-11/1600	CS 11-15/2000
Conveyor width	1,150 mm (3'9")	1,550 mm (5'1")	1,950 mm (6'4")
Conveyor height (A)	900 mm (3')	900 mm (3')	900 mm (3')
Conveyor length (optionally longer) (B)	3,000 mm (9'10")	3,000 mm (9'10")	3,000 mm (9'10")
Skirt height (C)	150 mm (6")	150 mm (6")	150 mm (6")
Conveyor speed	18 m/min. (59'/min.)	18 m/min. (59'/min.)	18 m/min. (59'/min.)
Conveyor motor power	1.1 kW (1.5 HP)	1.1 kW (1.5 HP)	1.1 kW (1.5 HP)
Shredder feed width (D)	1,200 mm (3'11")	1,600 mm (5'3")	2,000 mm (6'6")
Noise level (at full load)	approx. 82 dB(A)	approx. 82 dB(A)	approx. 82 dB(A)
Shredder motor power	7.5 kW (10 HP)	9.2 kW (12 HP)	11 kW (15 HP)
	9.2 kW (12 HP)	11 kW (15 HP)	15 kW (20 HP)
Capacity	approx. 1,500 kg/hr.	approx. 2,000 kg/hr.	approx. 2,500 kg/hr.

\*Subject to modifications

This brochure is offered to you by:



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