

BloApCo®

**Corrugated
& Paperboard
Floor-Mounted
Shredder**

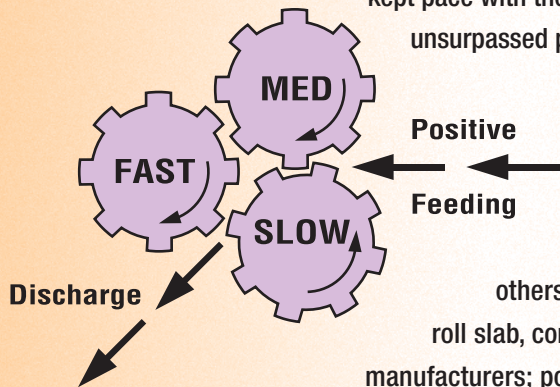


*The Shredder with the
Feed and Pneumatic Handling
Options for Corrugated and Folding Carton Plants*

Bulletin 951

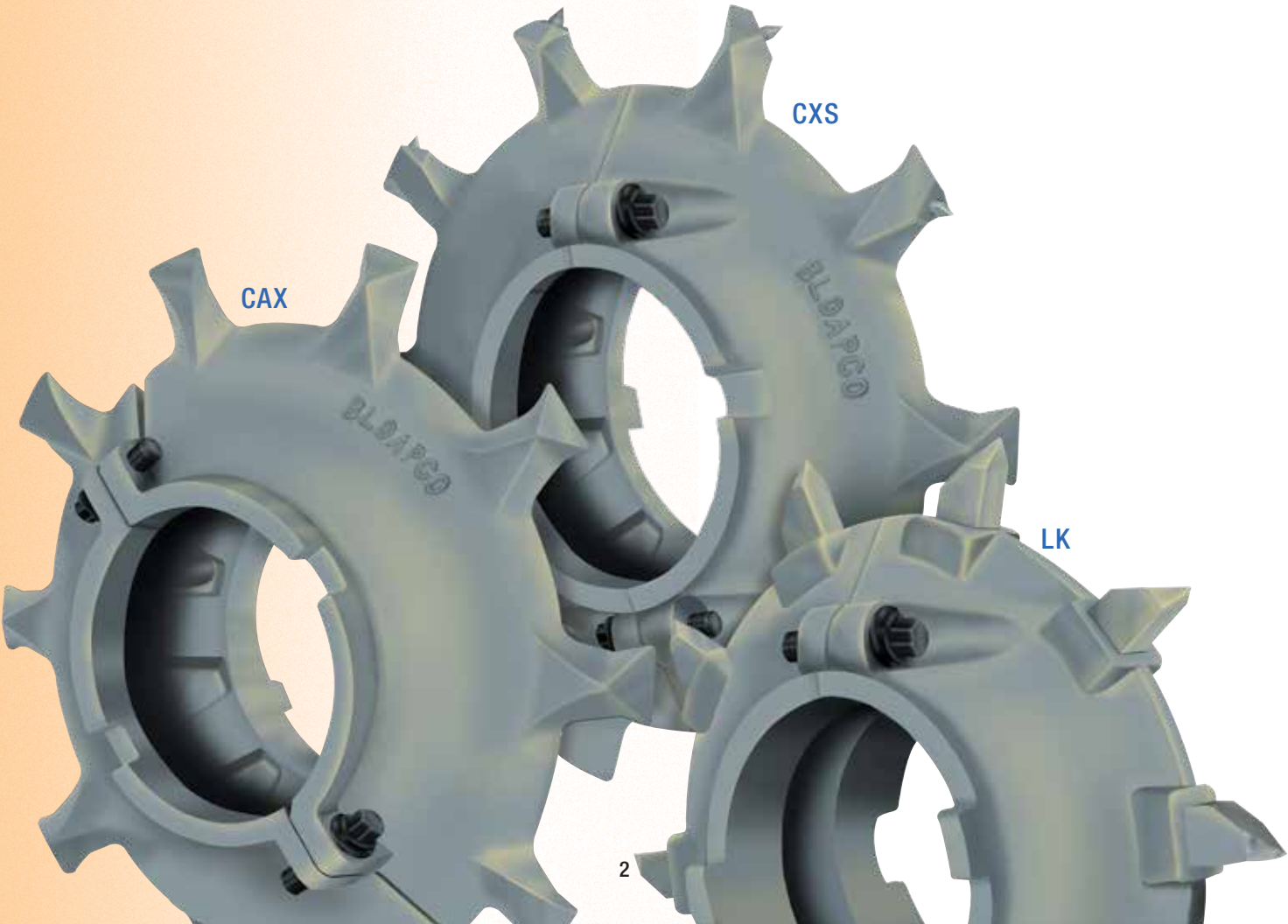
Gripping, Ripping Pierce & Tear Shredding Action

The patented Pierce-and-Tear shredding action pulls material into the shredder and tears it apart. The smooth shredding action outperforms the hammering, grinding, or cutting/crushing wear and tear of other shredding or scrap reduction methods. For decades, the proven BloApCo concept has kept pace with the growing volume of waste offering the industry unsurpassed performance and economy in scrap disposal.



The Technology for Corrugated Paperboard and Related Material

Pierce-and-Tear shredding works for corrugated and paperboard plants, printers, converters and others. Materials shredded include corrugated sheets, roll slab, cores and carton scrap for folding carton manufacturers; poly-coated and multi-ply materials for converters; specialty papers plus many other materials.



Low Speed, High Torque Performance Other Shredder Builders Just Talk About

Low Cost Maintenance

For most efficient shredding, a variety of ripper wheel configurations are available to match specific requirements. The ripping wheels provide *years of service life*, never requiring sharpening and are *individually replaceable*.

Lower Energy Costs

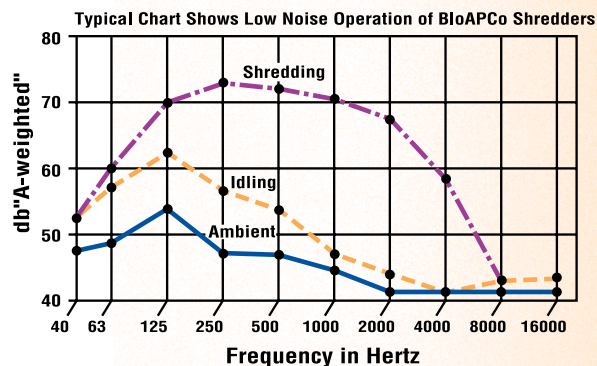
The ripper wheels are bolted in halves and keyed to adjacent wheels forming a spiral pattern along the shaft. The design spreads impact over the entire shaft producing shredding action with more capacity using less horsepower. Energy costs are significantly lower than any other waste reduction method.

Disposal Expense Down Recycling Income Up

The highly effective BloApCo shredding action fragments corrugated and paperboard waste into *irregular compactible pieces*. Increased density in bales and containers reduces transportation costs to disposal or reprocessing locations.

Shaft Speeds of 20 to 70 RPM Reduce Noise & Dust

The three shafts of the BloApCo floor shredder operate in a speed range of 20 to 70 rpm. Other shredders work at rpm's in the hundreds. Pulling material apart at low speeds produces minimum dust, greatly reduces machine noise, prevents throw-outs and eliminates potential fires. BloApCo floor shredders operate at noise levels below 80 db without sound enclosures. The clean, quiet BloApCo shredder can be placed in the most convenient and economical location in the plant.



Shredders Built Tough, To Work Better Longer

Heavy Duty Infeed Conveyor

The BloApCo infeed conveyor incorporates heavy gauge steel structurally reinforced to take the abuse of loading. The *belt is tracked using a center guiding system* to ensure proper belt alignment.

Automatic Overload Reverse

If the shredder is overfed, the relay automatically cuts power to the shredder and the feed conveyor. The shredder reverses allowing the material to reposition for another pass as the shredder and conveyor resume the shredding process. This exclusive feature reduces jamming, downtime, and machine abuse.

Safety Overweight Plate

An overweight plate is built into every BloApCo floor shredder beneath the infeed conveyor belt. Whenever loads over 70 lbs. reach an area near the entrance to the shredder, a clutch drive is disengaged, cutting off power to the shredder. This construction feature provides an *extra measure of operator safety* compared to shredders equipped with cable operated emergency stop switches.

Pre-Packaged Installation

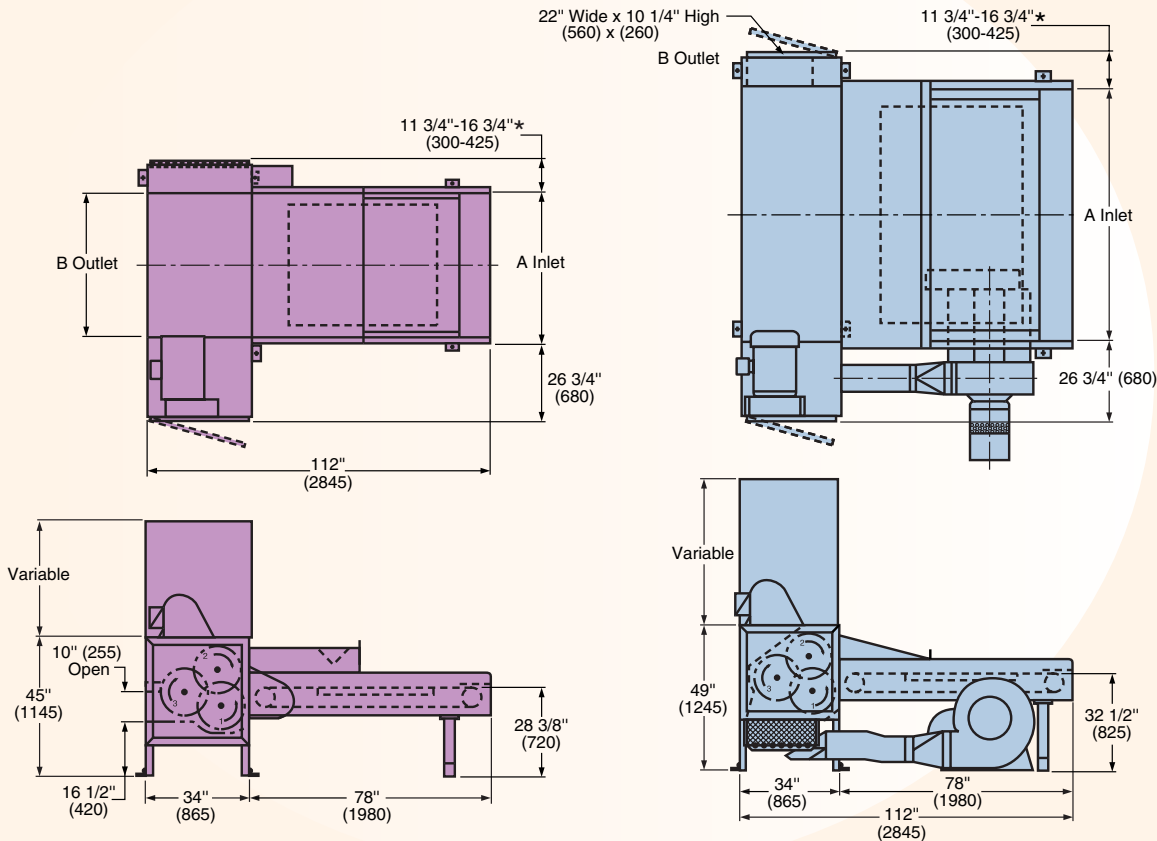
BloAPCo floor shredders are pre-piped, pre-wired, and tested prior to shipment for fast, economical on-site installation. Two men and a lift truck can complete installation in one shift.

BloApCo – the last word in pneumatic conveying applications since 1933.
Reliability, performance and efficiency... based on years of engineering experience.

General Dimensions: Floor Mounted Horizontal Shredders

Floor Shredder

SUPER-WIDE Floor Shredder



Shredder Width	Inches (mm)	36 (915)	48 (1220)	58 (1475)	72 (1830)	85 (2160)	100 (2540)	110 (2795)	120 (3050)
Inlet (A)	Inches (mm)	36 (915)	48 (1220)	58 (1475)	72 (1830)	85 (2160)	100 (2540)	110 (2795)	120 (3050)
Outlet (B)	Inches (mm)	36 x 10 (915 x 255)	48 x 10 (1220 x 255)	58 x 10 (1475 x 255)	72 x 10 (1830 x 255)	10 x 22 ‡ (255 x 560)	10 x 22 ‡ (255 x 560)	10 x 22 ‡ (255 x 560)	10 x 22 ‡ (255 x 560)
Approx. Wt.	Lbs. (Kg.)	2,600 (1175)	6,000 (2725)	6,300 (2875)	7,600 (3450)	9,200 (4175)	10,300 (4675)	10,700 (4850)	11,000 (4900)
Minimum Air Requirements Duct & Vol.	Inch/CFM (mm/M ³ /hr)	14 - 5,660 (360 - 9600)	15 - 6,500 (385 - 11000)	16 - 7,400 (410 - 12500)	18 - 9,400 (460 - 16000)	18 - 9,400 (460 - 16000)	20 - 11,600 (510 - 19700)	20 - 11,600 (510 - 19700)	20 - 11,600 (510 - 19700)
Typical HP (corrugated)		15 - 30	25 - 30	25 - 40	30 - 40	30 - 40	30 - 40	30 - 40	30 - 40
Corrugated Board Shredding Capacity**	Lbs/hr (Kg/hr)	4,000 (1815)	5,000 (2270)	7,500 (3400)	10,000 (4540)	12,000 (5500)	14,000 (6300)	14,000 (6300)	14,000 (6300)

Dimensions are approximate. Certified dimensions available upon request. BloApCo reserves the right to change specifications and dimensions without notice.

* This dimension may vary with change in shaft speed

** Shredding Capacity = Single wall corrugated board; A, B & C flute; 26# liner and medium; 2"/50mm stacks.

‡ Super-Wide 85 - 120 Shredders utilize a pneumatic plenum with a side outlet.

MATERIAL
HANDLING SYSTEMS

SHREDDERS

MATERIAL
HANDLING FANS

TRIM CUTTERS

DIVERTERS

CYCLONES/
SEPARATORS

RETURN AIR/
DUST COLLECTORS

BALE TRANSFER

SEAL DRUM
CONVEYORS

PLANT UPGRADES/
EXPANSIONS

TURNKEY SYSTEMS

The
Scrap
Handling
Technology
of CHOICE
Since 1933

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