

CM ZERO WASTE SYSTEMS

Enhance Steel Quality & Eliminate Waste



The CM Zero Waste System separates comingled steel and rubber generated from the Liberator or Stage 2 processing.

The separated steel value is greatly enhanced by additional processing.

The system utilizes a screen in combination with magnets to reclaim the steel from the rubber.

The CM Zero Waste System is an extension that can be added to the Liberator in the Stage 2 process. Here, the comingled wire and rubber from the initial magnet on the Liberator is reprocessed. The system includes a high intensity screen that separates the loose wire from the rubber and wire that is still attached to the rubber. The loose wire is then passed by a second magnet to remove any fine rubber contamination.

The system is effective in conjunction with the CM Liberator and is recommended when trying to enhance wire quality and recover rubber.

COMMINGLED STEEL & RUBBER



CLEAN STEEL

FEATURES & BENEFITS

- Clean salable steel is less than 5% contaminate
- Additional revenue stream
- Maximum profits
- Eliminate disposal costs
- Recover more rubber from contaminated steel

LIBERATOR MODELS



CM 2R



CM 4R

PRODUCTION RATES

SCREEN		PASS & TRUCK
5/8"		0.5 TPH
[16MM]		2 TPH
3/4"		1.5 TPH
[18MM]		4 TPH
1.00"		2 TPH
[25MM]		5 TPH
1.25"		2.5 TPH
[32MM]		6 TPH
1.5"		3 TPH
[38MM]		7 TPH
1.75"		3.5 TPH
[45MM]		8 TPH

CM STEEL RECLAIM SYSTEM

Clean Separation of Steel



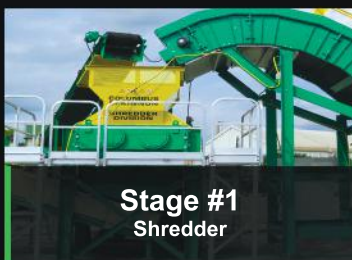
At the core of the Liberator is a high intensity wire screen and a large magnet that separates the metals.

Once the rubber is removed the steel is passed through a second magnet that removes any steel that may remain.

Fiber is extracted with a dust collection system and the clean steel is ready for sale.

The CM Zero Waste Steel Reclaim System allows processors to expand into markets for crumb rubber and clean steel. The end products: Wire-free crumb rubber that is 38 mm to 6 mm [1.5" to .25"] and clean steel that is 95% free of contaminants. Features include:

- Steel liberator with drum magnet
- Conveyor system
- Fiber collection system



Stage #1
Shredder



Stage #2
Liberator w/Steel Reclaim



Stage #3
Granulator w/Fiber Removal



Stage #4
Crackermill w/Screening & Cleaning

CUSTOMER SERVICE IS SECOND TO NONE – WITH IN STOCK GUARANTEE

- We stock a complete line of replacement parts for all CM equipment with shipping on standard parts within 24 hours.
- Field Service Technicians support if your equipment needs maintenance or repairs, & can generally be on your site within 24 hours.



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