

MACH BALLISTIC

Separator

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MACHINEX

Experience Results



The MACH Ballistic separator is designed for sorting 2D material (plastic film, paper, cardboard, and fibers) from 3D material (containers, plastic bottles, cans, stone, wood, etc.). While the 2D material travels up this slope with the paddles, the 3D material bounces or rolls downward. Fine particles can be collected separately with the optional variable screen openings.

MODELS

	Width (effective screening)	Length (effective screening)	Number of paddles
MACH Ballistic 6-19	6'-10" (2.1 m)	19'-0" (5.8 m)	6
MACH Ballistic 8-19	9'-11" (3 m)	19'-0" (5.8 m)	8
MACH Ballistic 10-19	11'-2" (3.4 m)	19'-0" (5.8 m)	10
MACH Ballistic 12-19	13'-9" (4.2 m)	19'-0" (5.8 m)	12

BENEFITS

- ▶ Reduces operating & maintenance costs:
 - Constant performance with steel screening surface
 - Non-wrapping design minimizes the cleaning & maintenance costs
 - Single motor and direct drive system reduces maintenance and energy costs
- ▶ Easy and safe maintenance
- ▶ Versatility: ensures that different material types can be processed within a single system
- ▶ Angle adjustment

MACH Ballistic

APPLICATIONS

- ▶ Single-Stream
- ▶ Mixed Waste Processing
- ▶ Commercial and Industrial Waste

CONSTRUCTION & FEATURES

- ▶ Heavy duty structure supports up to three stacked separators as a single unit
- ▶ Heavy duty bearings and shafts
- ▶ Manual, hydraulic angle adjustment - Electrical powered hydraulic adjustment also available
- ▶ Motor brake ensures worker safety during maintenance
- ▶ High amplitude paddle movement improves the quality of material separation
- ▶ Abrasion resistant steel screens and liners, on each side of the paddles, reduce wear
- ▶ Sturdy construction

OPTIONS

- ▶ Adjustable angle using a manual or electric powered hydraulic pump
- ▶ Various screen models are available depending on the application
- ▶ Abrasion resistant steel lining on the main frame for greater wear resistance



Multiple Separators can be Configured Vertically or Horizontally to Address Your Sorting Challenges.

VARIOUS SCREEN MODELS ARE AVAILABLE DEPENDING ON THE APPLICATION

