

MATERIALS RECOVERY FACILITY

MRF

SORT A STREAM OF PACKAGING AND PAPERS

- **SEPARATE THE PLASTIC
AND FIBROUS MATERIALS**

- **RECOVER ALL
THE RECYCLABLE PLASTICS**

- **OBTAIN A STREAM OF NEWSPAPERS
AND MAGAZINES (PAMS)**

- **SORT THE RECOVERABLE PRODUCTS
BY MATERIAL AND COLOUR**

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MORE INFORMATION

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PELLENC
selective technologies

MATERIALS RECOVERY FACILITY

WASTE

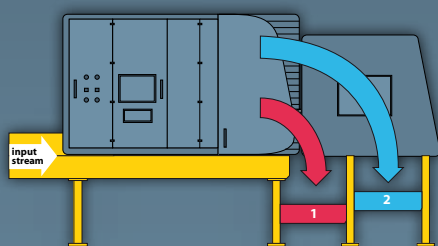
SEPARATE AND SORT EFFICIENTLY

examples of process

Separate hollow bodies and flat bodies

Mistral

- > Separate the plastics and beverage cartons

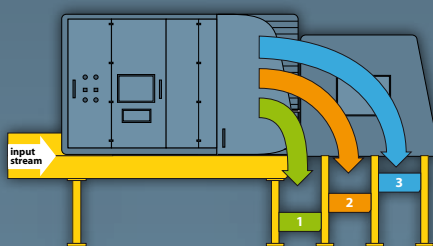


- Fibrous: papers, cardboard, light-weight cardboard
- Plastics: PET, beverage cartons, HDPE, PP, PS, etc

Sort plastics into different types

Mistral

- > Ejection of PET

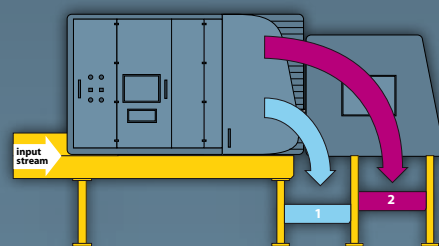


- HDPE, beverage cartons
- Rest
- PET

Obtain a mixed paper stream

Boreas

- > Ejection of contaminants



- PAMs
- Brown and white cardboard, coloured light-weight cardboard, beverage cartons, plastics

Sort by material:

- Separate the polymers and fibrous materials
- Separate the paper and cardboard by quality
- Recover PE films
- Recover ferrous and non-ferrous metals

Sort by colour:

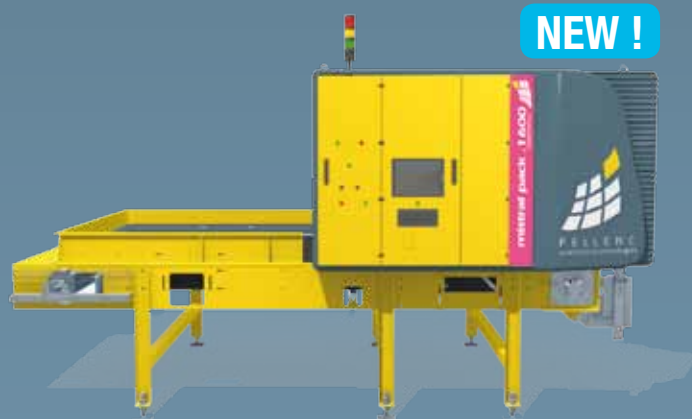
- Separate the polymers by colour
- Separate the brown cardboard and recover the white paper

Double valve configuration:

- Sort efficiently into 3 fractions in one run

Reduce landfill cost and increase the volumes of recoverable materials.

Machines can be upgraded for new sorting requirements.



Technical Characteristics

Technologies: (upgradable and combinable)	NIR, Vision, MIR, Induction, HR NIR, Ternary
Capacity:	up to 10 t/hour depending on the stream
Working width:	from 800 to 2800 mm as standard, other sizes available upon request
Granulometry of sorted objects:	from 10 to 350 mm depending on the machine model

Optimum efficiency, even for rolling objects, thanks to short distance between detection and ejection.