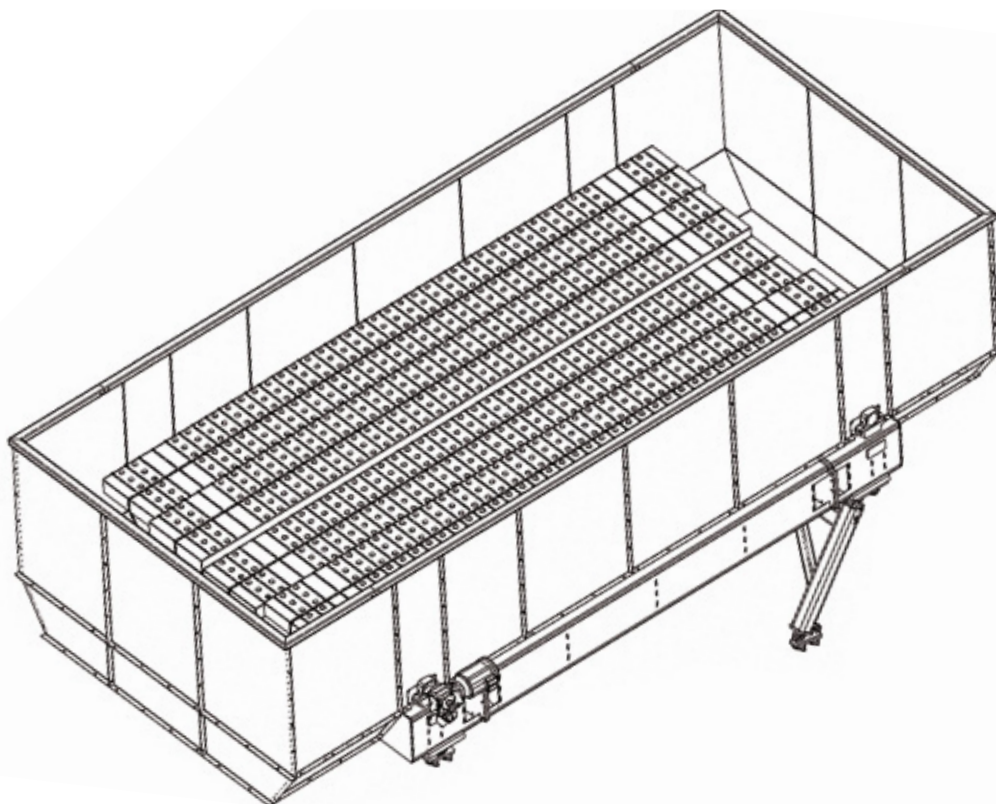




BALLISTIC SEPARATOR

▣ The ballistic separator is an aggregate used to separate one input material stream into two or three fractions. The big advantage of the ballistic separator in comparison to other separating devices is the combination of the sorting method in weight, dimension, density and form. By means of the single-stage main aggregate the material stream is separated into two main fractions, as there are „rolling heavy fraction“ (stones, wood, tins, massive plastic parts etc.) and „flat light fraction“ (foils, textile, paper, cardboard, fibrous products etc.) Depending on the paddle perforation, a third screening fraction according to its grain size is also possible.





FIELD OF APPLICATION

- SORTING OF LIGHT PACKAGING MATERIAL AND CLASSIFICATION OF POLYMER FRACTIONS
- SCREENING AND SEPERATION OF CONTRARIES IN PLANTS USED FOR THE TREATMENT OF SUBSTITUTE FUEL
- MATERIAL STREAM SEPERATION AS A FIRST STEP OF SEPERATION WITHIN THE MECHANICAL BIOLOGIACAL TREATMENT OF RESIDUAL WASTE
- POST CLASSIFICATION OF THE BIOLOGICALLY TREATED FRACTION BEFORE DUMP GARBAGE

FUNCTIONAL DESCRIPTION

The basic principle is based upon rotating paddles being situated parallel to each other. The complete ballistic separator is constructed with the possibility of angle adjustment. Depending on the case of application, the paddle surfaces are closed or designed with given perforations and structure of carriers. Due to the adjustment of the angle of inclination and the sturcture of carriers the separator is adaptable to the input material.

FLEXIBILITY

The application possibilities of the separator for heavy materials are very versatile and a quick integration into different huge and small plant configurations is possible. Due to the varying and simple adjustment possibilities the separator for heavy materials is adaptable to the input material.

