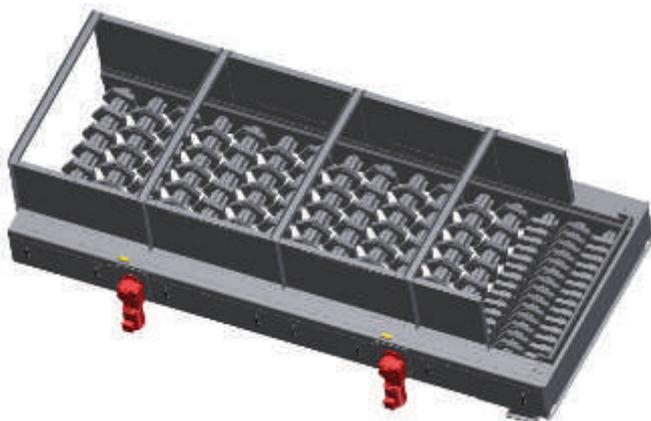
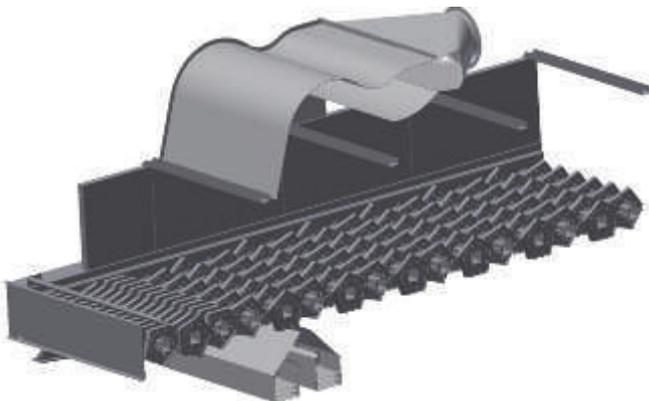
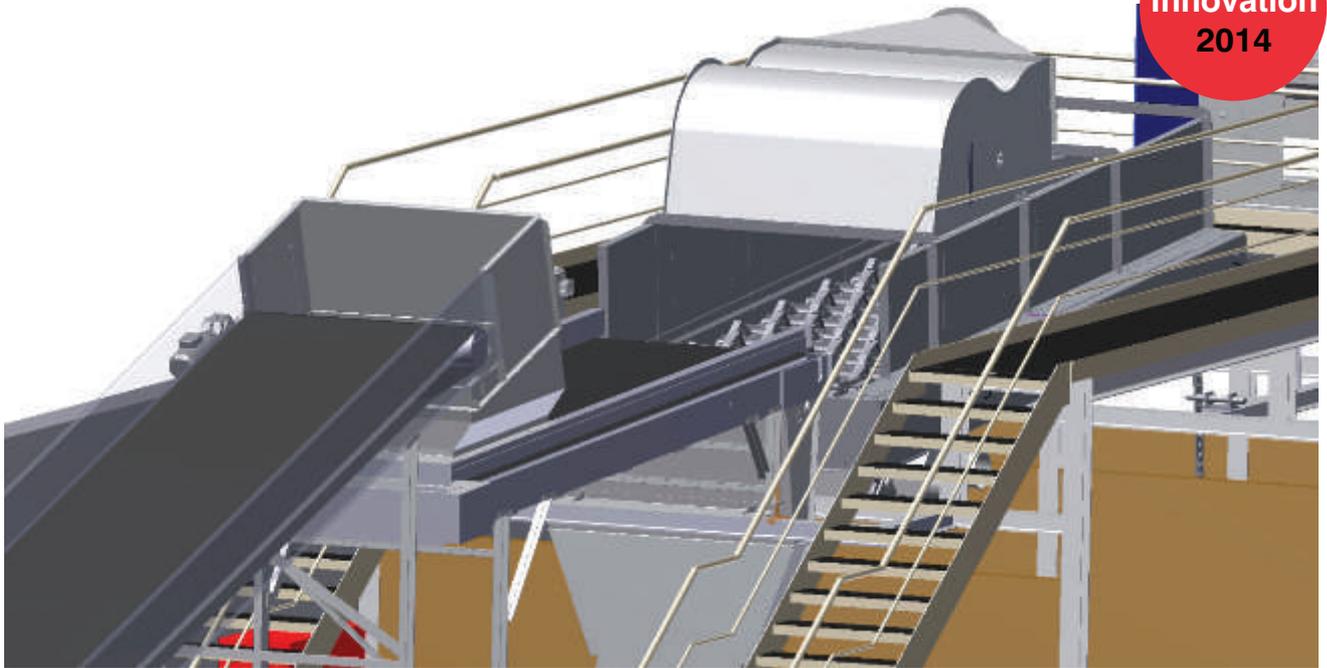
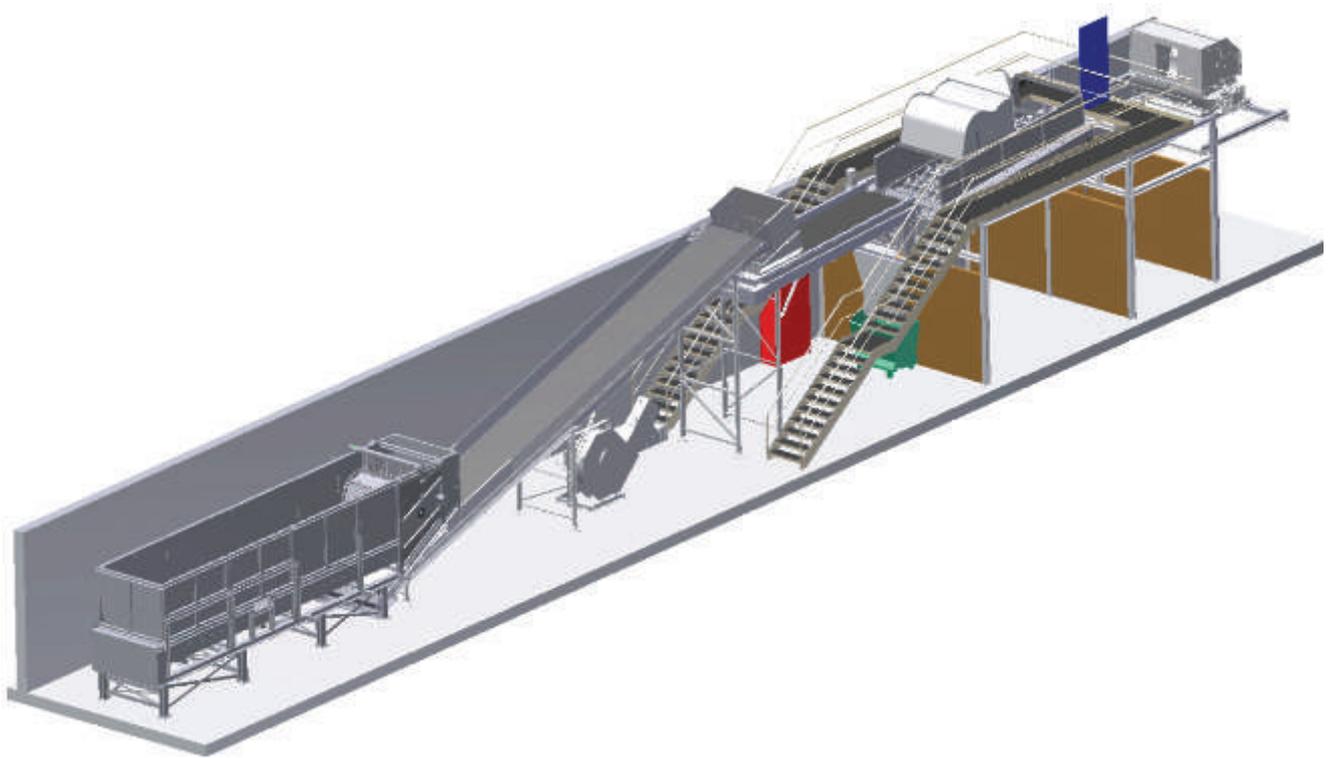


## AIR-O-MAT Rotor and Air Sifting System

**Innovation  
2014**



- Rotor screen and air sifter unite in one machine
- Global exclusive license
- Generating of a third fraction directly at the rotor screen
- Separation of a foil- or light fraction
- Small footprint
- Higher efficiency through combination of proven separating methods
- Particularly high selectivity
- Slimming down of material stream by up to 40%
- Boost of the plant capacity by as much as 30%
- For waste paper, household and commercial waste, light weight packaging material, bagged organic waste, material containing foils
- High purity of material fractions



## Short Description

By uniting two highly effective classifying principles in one machine, AIR-O-MAT combines the advantages of rotor screen technology and wind sifting.

The advantages:

AIR-O-MAT can be employed for almost every material composition: household or commercial waste, waste paper, light weight packaging material, bagged organic waste or material with large share of large-size cardboard and foils.

The rotor screen technology makes possible to use AIR-O-MAT even for the initial material classification. Prior to sorting, the material stream is slimmed down by as much as 40%. The reduced quantity of material presented to sorting results in a 30% plant efficiency boost.

In addition to the screen and oversize fractions, a third nearly pure light fraction is generated by the combined screening and wind sifting process. The light fraction is already separated on the rotor screen. Wind sifting removes large size parts from the oversize fraction. The risk of entangling on downstream aggregates is considerably reduced. There is no spreading of fine materials into downstream processes.

The reduction of material quantity achieved by the AIR-O-MAT result in cleaner material fractions and enhance the capacity of the whole plant.