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Product



Product

Density Separator

Simple ballistic separation of different materials



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Application

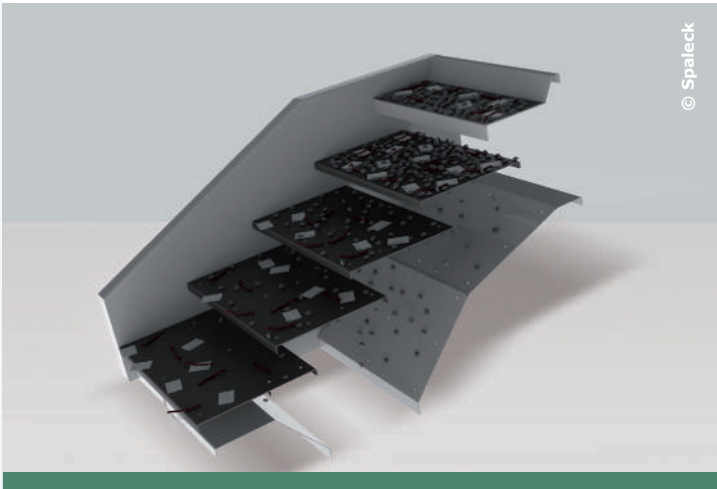
For separating materials with different densities and differences in grain shape with a fraction $\leq 100\text{mm}$

Screened material

Compost, shredder light fraction, electronic scrap, household waste, secondary raw materials

Benefits

- Easy mechanical construction
- Low maintenance costs
- Adjustable angle of inclination
- Easy maintenance due to good accessibility



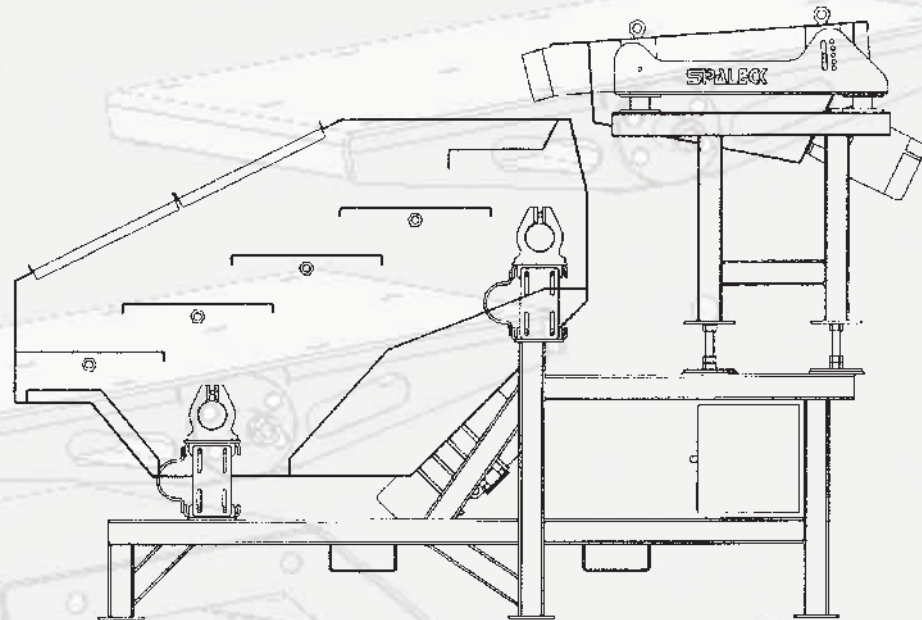
Density Separator

SPALECK Density Separators use linear vibration and are operated by two unbalance motors.

Density separators sever materials according to their kinetic energy (ballistic trajectory) and grain shape differences. Due to the force of gravity on the slanted tables heavy and cubic materials fall downwards, while light and flat material is conveyed upwards.

The combination of the inclination of the slanted tables, the vibration parameter settings and the flight characteristics of the material permits a high quality of separation.

The density separators are available in closed or open design. The slanted tables can be surface treated.



Machines of the type shown above can be supplied in special sizes.

You can combine a SPALECK Density Separator with a magnetic vibratory conveyor channel. The magnetic vibratory conveyor channel feeds the material dosed and homogenised.

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