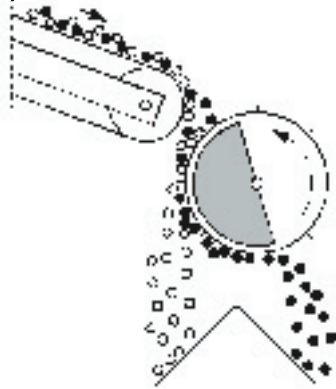


ATM drum separator

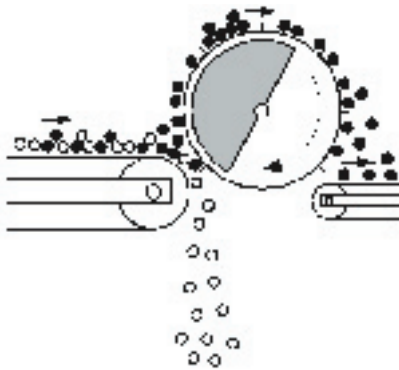
(permanent-magnetic, open version)



Version: Drum separator type TMN
EASY CLEAN



Operation sequence: separation via diverter shield



Operation sequence: separation onto another conveyor

Application

This system is suitable for a continuous separation of tramp iron and mid-sized ferrous contamination from various dry bulk materials. A adjustable 180° magnetic section inside the rotating drum shell attracts the ferrous contaminants and rotates them out of the material flow. After leaving the terminated magnetic field all separated particles fall off the system (see functional chart). Nonferrous materials pass the drum separator unaffected. A diverter shield should be installed to allow an efficient separation of clean product and contamination. All drum separators are supplied with bearings.

Performance characteristics

Drum Separators ATMF (Ferrite version):
Ferrite drums are used for the removing of tramp iron and create therefore a deep magnetic flux field. The drums type ATMF are suitable for operation temperatures up to 220°C. As a option Agromatic can supply the gear motor and a frequency converter for the separators.
Drum Separators ATMN (Rare earth version):
For the separation of mid-sized and fine ferrous contaminants Agromatic can supply a drum separator with rare earth neodymium magnets. This version ensures a maximum magnetic field strength of 4000 gauss on the drum surface and is suitable for operation temperatures up to 100°C.



available



Right of technical and dimensional changes in the sense of process reserved at all times

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