

MSORT

Mogensen MSort AF 0916

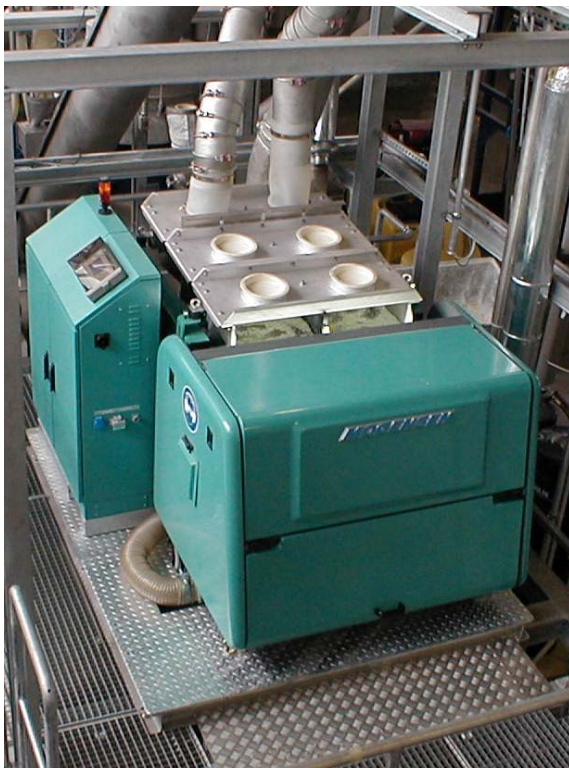
Objective:

Sorting of PET-Flakes

By sorting out off-colours, distracting material and metal particles, a final white, transparent product containing less than 50 ppm off-colour is obtained.

The final product may be used in the food industry (bottle to bottle) if pre-treated accordingly as well as in the foil and fibre industry .

Sorting material:	PET-Flakes
Grain size:	0 - 12 mm
Quantity:	up to approx. 4000 kg/h
Initial quality:	up to 10% off-colour
Rejected quantity:	up to 8000 rejected parts/sec
Product quality:	< 50 ppm off-colour
NE+ Fe-metal:	> 0,5 mm



The **MSort AF** was especially designed for the sorting of fine plastic particles.

It is equipped with a CCD-colour line scan camera and an all metal detection working parallel.

Distracting material, off-colours and fine metal particles are rejected with compressed air, using extremely fast working compressed-air valves.

The complete structure of the machine is especially suitable for the sorting of fine, light plastic parts, i.e. PE, PP or PET. Dividing the machine allows an optimisation of the sorting programmes for different grain classes or a two-step sorting of the material with different programme settings.

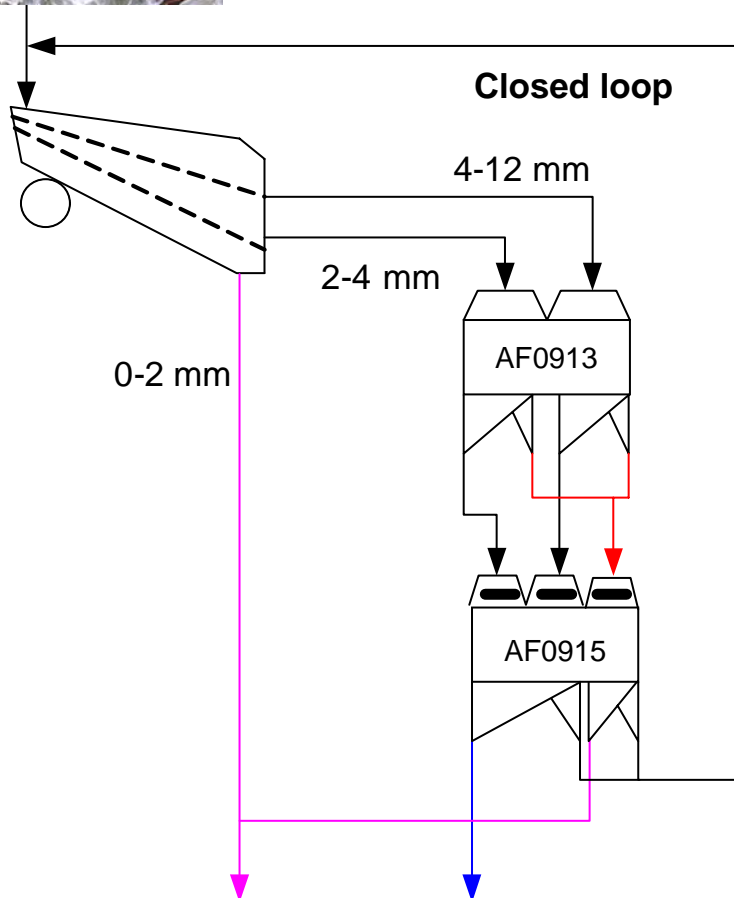
Finest distracting material and slightest colour differences are detected and rejected with the utmost efficiency.

Due to the high specific quantity, small over-sorting and low air consumption, the machine works unmatched economical.

Example of a PET flake sorting line



Feed material:
PET flakes 2500 kg/h
2 % off-colour and distracting material



Fines and
rejected
material



Clean final product

■ MADE
■ IN
■ GERMANY

ALLGAIER
PROCESS TECHNOLOGY

MOGENSEN

GOSAG

MOZEER

ALMO

MOGENSEN GmbH & Co. KG
Kronskamp 126 · 22880 Wedel · Deutschland
Telefon +49 4103 8042-0 · Fax +49 4103 8042-40
www.mogensen.de · info@mogensen.de