

Knife Ring Flaker

Chip Cleaner

05 | 2011



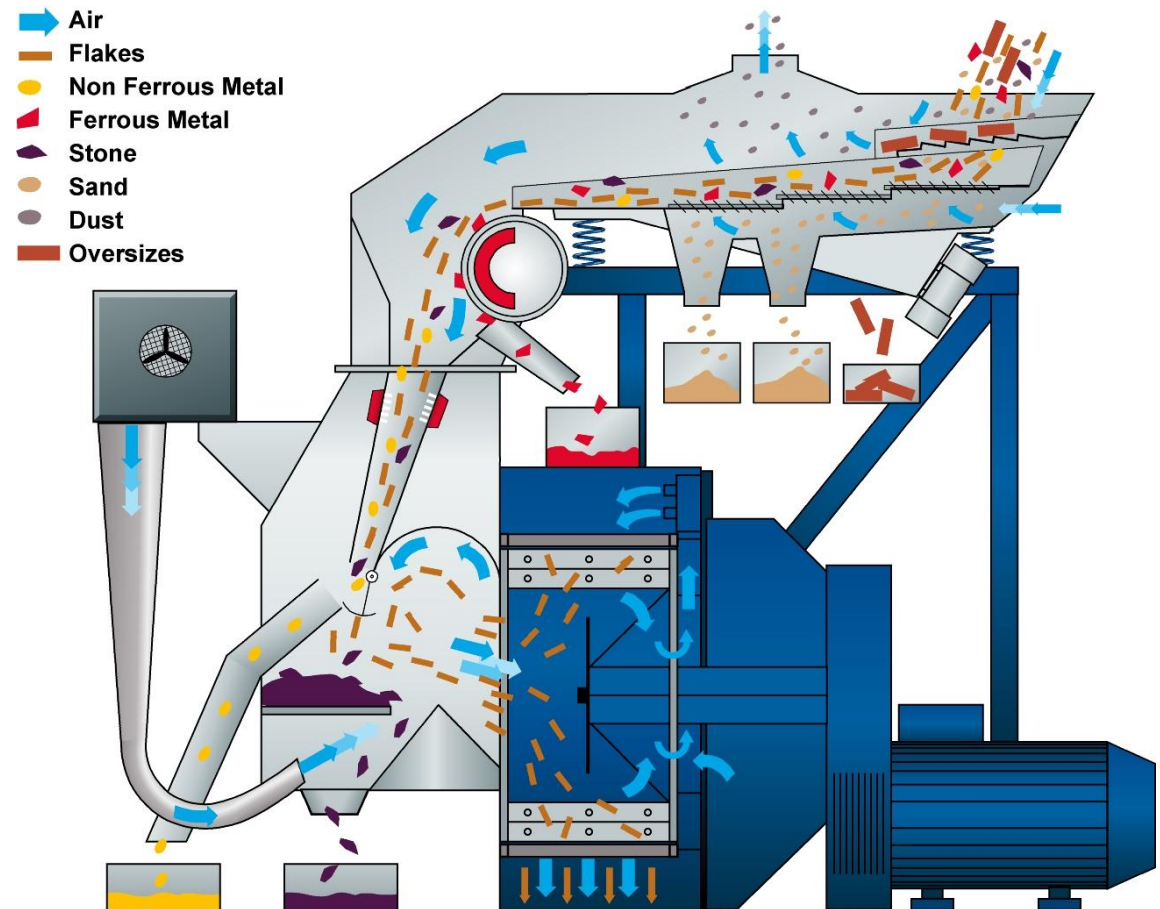
MAIER[®]
Technik für die Umwelt

DIEFFENBACHER GROUP

Knife Ring Flaker: SGA – NF (Non Ferrous)

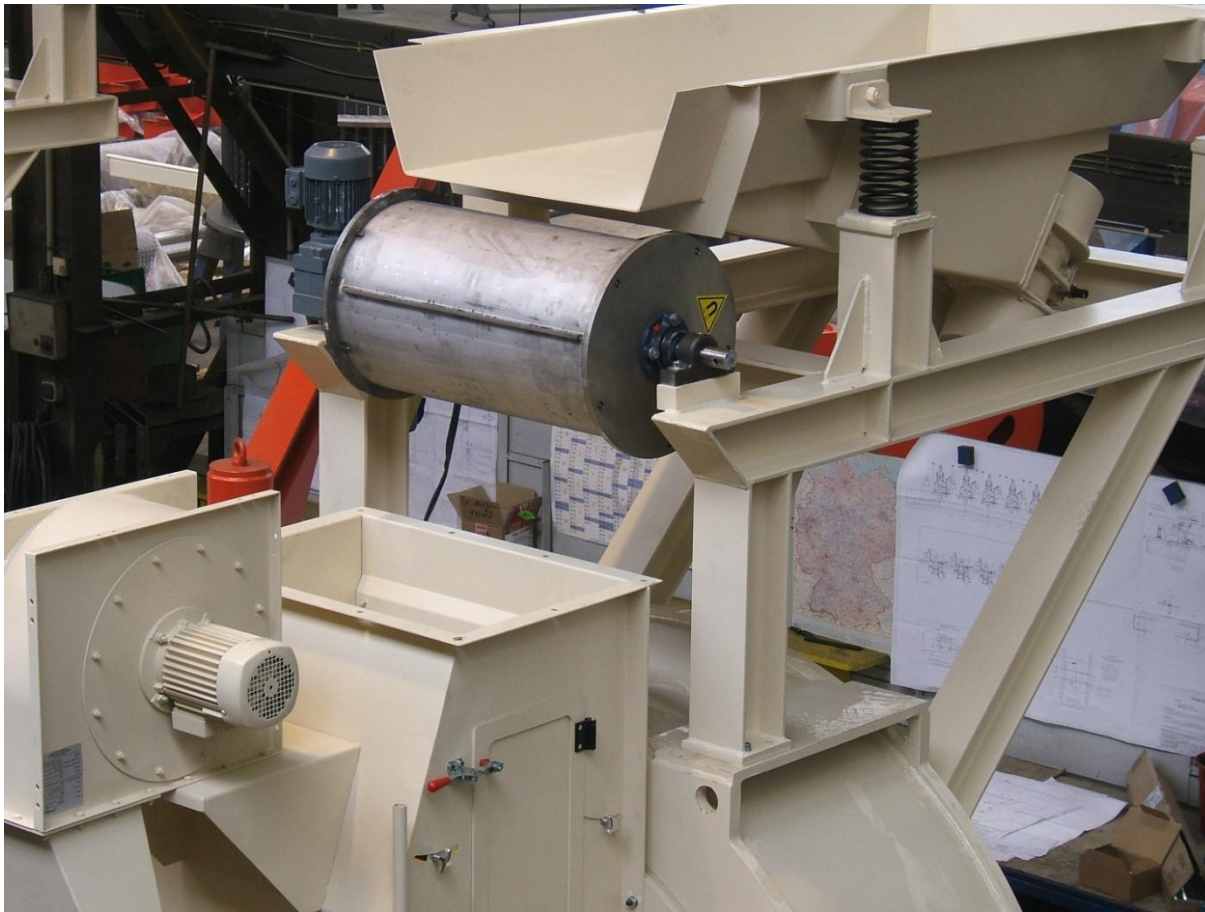
MRZ with Highly Integrated Chip Cleaning Unit:

- Vibration conveyor with screens for fines and oversize
- Dust Suction
- Magnet Drum
- Non Ferrous Separator
- Heavy Particle Separator
- Optimized Air Flow System
- Less wear
- Increased knife ring life time
- Increased throughput capacity



Chip Cleaning

- Small vibration conveyor with magnet drum



Chip Cleaning

- Vibration screen conveyor with oversize stufix screen and screen for fines



Chip Cleaning



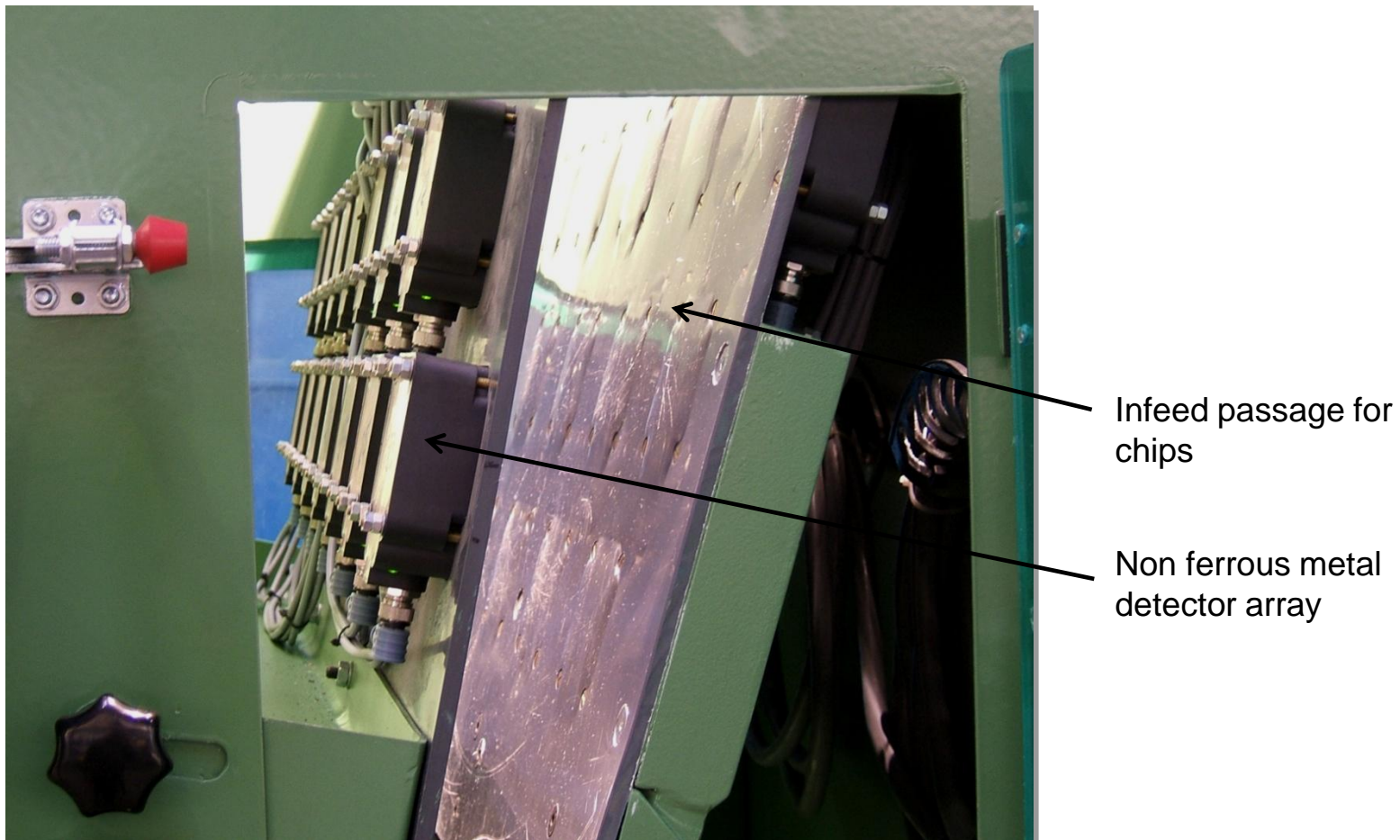
Heavy Particle Separator (SGA)



Separated heavy particles like stones etc.

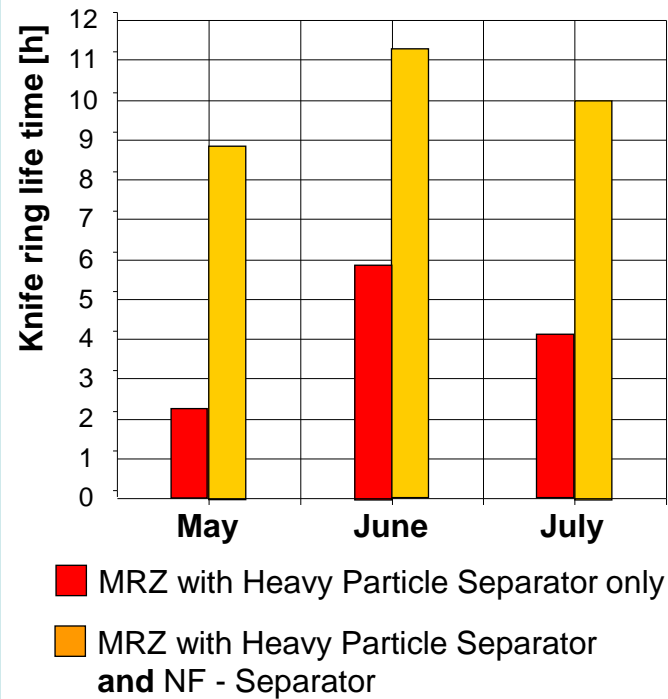
Chip Cleaning


- Heavy Particle Separator with Non-Ferrous Separator

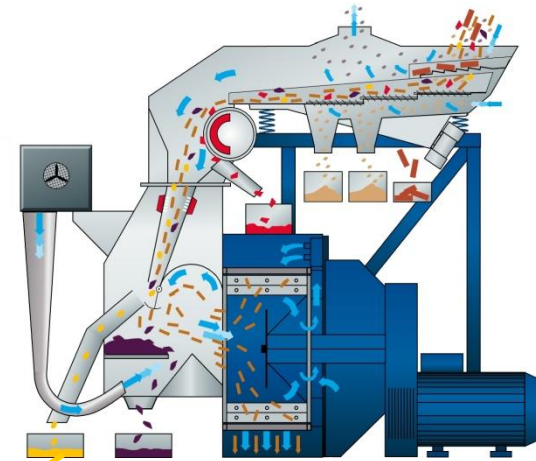


Chip Cleaning with Heavy Particle Separator - NF

Result of industrial long term test




 Additional separation of non ferrous metals increases the life time of the knife ring



Impurities separated by HPS-NF