

### Screening Technology



#### Mogensen Sizer

- Mogensen Sizer in multi-deck design for all types of bulk material
- Screening dry products at high output rates
- Up to 7 fractions
- Operating widths of 0.5 to 3 metres
- Compact, dust-tight design



#### Fine Sizer

- Screening of products which are difficult to screen from 0.1 mm
- Direct excitation of the screen mesh
- Minimum transmission of dynamic forces
- Variable adjustment of amplitude, frequency and inclination
- Low drive power rating



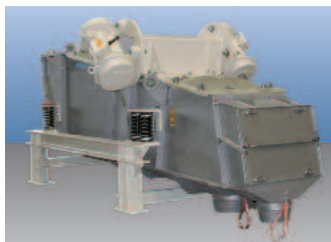
#### Combination Sizer

- For screenings with a very wide grain distribution, from fine particles to coarse pieces of material
- The special solution for the exact separating cut, also for bulk materials which are difficult to screen
- Bar systems in the upper area and screen mesh in the lower area



#### Circular Motion Sizer

- Elliptical vibrating movement
- Effective loosening and thinning out of material
- High throughput
- Long endurance of the screen mats
- Integrated installation rack
- Design widths 1.0 - 1.5 m



#### Circular and Linear Vibratory Screens

- Single-deck and double-deck version
- Various machine widths and screen lengths
- For "sharp" screening
- Compact design
- Dustproof design



#### Bar Sizer

- Absolutely reliable for coarse separation
- Extremely robust design
- Guaranteed long-term, trouble-free operation, with no costs for power or maintenance
- Operating widths of 1.0 to 5.0 metres
- Easy charging by wheel loader



#### Vibratory Bar Sizer

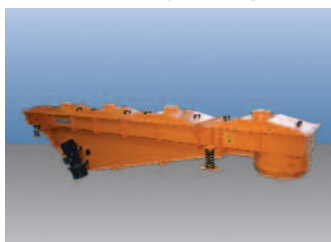
- Non-clogging screening of heavily contaminated bulk materials
- Design widths of 0.5 to 2.5 metres and lengths up to 7 metres
- Robust, infinitely variable screening bar attachments



#### Machine Monitoring

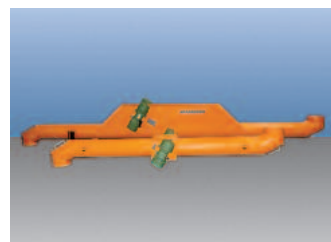
- Machine monitoring to avoid damage to vibrating machines
- Up to 2 machines can be monitored at the same time
- Remote maintenance via modem or an existing network is also possible
- Suitable also for machines of other manufacturers

### Conveying Technology



#### Vibrating Conveyors

- For all types of dry bulk material
- Open and enclosed design
- Vibratory feeder for bridging horizontal sections
- Discharge feeder under hopper load
- Feeder for controlled material distribution
- Tailor-made designs possible



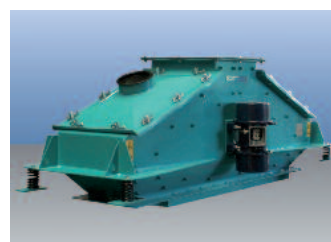
#### Tubular Vibrating Feeders

- Dust-proof conveyance of all types of dry bulk material
- Low weight enables low drive power rating
- Conveyance distances of up to 7 metres



#### Distributing Feeders

- For even feed distribution across the whole width of the screening machine
- Optimises the quality of screening and throughput
- Transverse distribution feeders for even feeding of up to two screening machines



#### Material Distributor

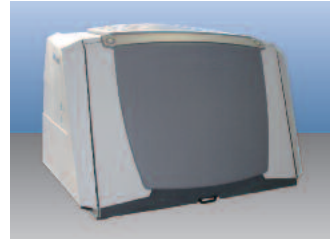
- For materials with free-flowing properties
- Centered material feeding
- Compact construction
- Low drive power rating

## Sorting Technology



### MSort AF and AK

- Fine sorting from 1 mm, with the highest accuracy (type AK)
- Sorting dry bulk material in grain sizes ranging between 2-30 mm
- Sorting of glass, PET, minerals, sea and rock salt by colour
- With all-metal detection, optional



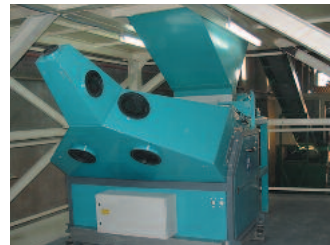
### MSort AL

- Sorting of dry bulk in grain sizes ranging between 8-60 mm, performance up to 50 t/h
- Sorting of flat glass and bottle glass in colours and CSP, performance up to 30 t/h



### MSort AX

- Sorting of damp, contaminated recycling glass, grain sizes ranging between 6-60 mm
- CSP and sorting of colours, performance up to 25 t/h
- All-metal detection, optional



### MSort AP

- Sorting of bulk material in grain sizes ranging between 10-50 mm
- Sorting of minerals in colours, performance up to 40 t/h



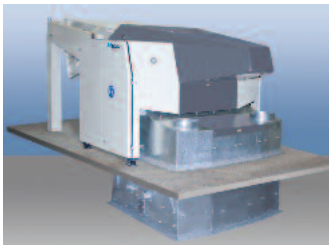
### MSort AS and AT

- Sorting of bulk material in grain sizes ranging between 15-80 mm
- Sorting of minerals in colours, performance up to 90 t/h
- Designed for rugged conditions in recycling and mining
- Double-sided viewing and higher efficiency (type AT)



### MSort AQ

- Sorting of bulk material in grain sizes ranging between 10-40 mm
- Material detection by X-ray transmission method
- Sorting of lead crystal and glass ceramic, performance up to 25 t/h



### MSort AG and AH

- Sorting of bulk material in grain sizes ranging between 80-250 mm
- Sorting of minerals in colours, performance up to 300 t/h
- Designed for rugged conditions in recycling and mining
- Double-sided viewing for higher efficiency (type AH)



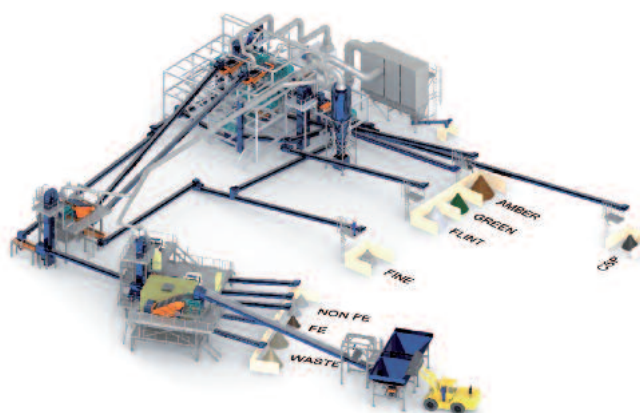
### MSort Mobile

- Installation of all optical MSort machines into a semi-mobile custom-designed container
- Turn-key sorting container solutions

## Complete Solutions for Sorting Plants



Example: Glass Recycling Plant



- Conception
- Basic engineering
- Detail engineering
- Delivery
- Erection
- Start-up
- After Sales
- Optimization
- From upgrade solutions to turn-key projects
- We co-operate with your approved partners
- Cost-effective and fast solutions

Tell us your screening or sorting problem, we have the solution.



MADE  
IN  
GERMANY

### Mogensen GmbH & Co. KG

Kronskamp 126 · 22880 Wedel · Germany  
Phone + 49 4103 8042-0 · Fax + 49 4103 8042-40  
info@mogensen.de · www.mogensen.de