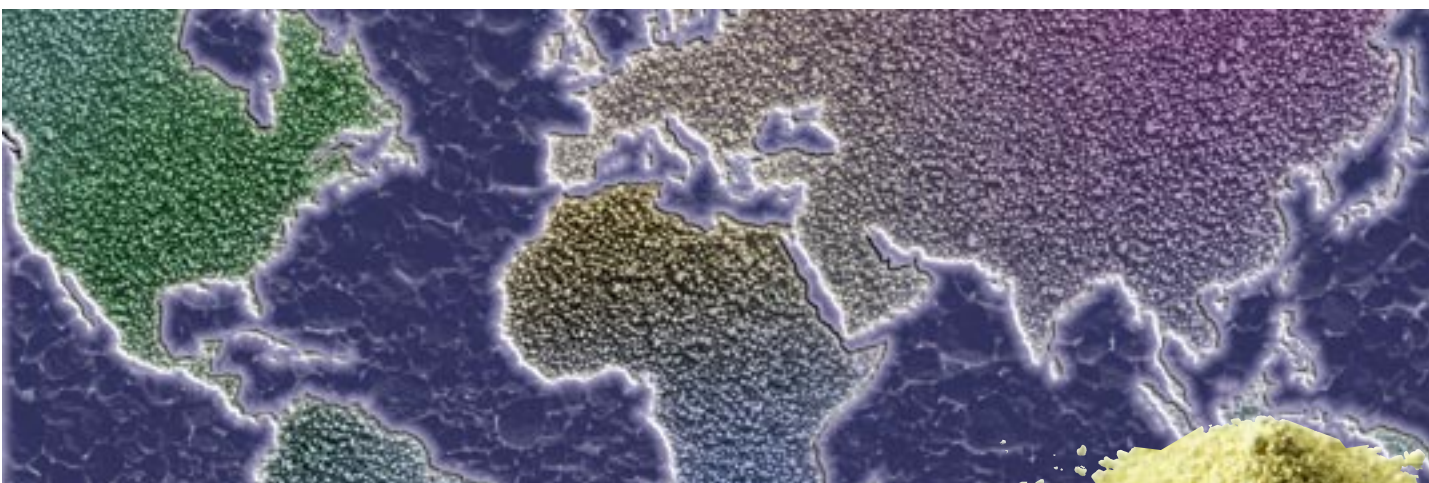


Product Overview **ALLGAIER-Group**

The world of bulk-goods technology





Screening machines

2



Tumbler screening machines

- Fractionating, protective screening and dedusting of dry goods
 - Precise separation
-



Vibration screening machines

- Fractionating, protective and monitoring screening and dedusting of wet and dry goods
-



Pharmaceutical screening machines

- Vibration and tumbler screening machines
 - Careful fractionation, protective screening and dedusting
-



Gyratory screening machines

- for applications in the woodworking and tobacco industries
-



Sizer

3

Sizer

- Fractionating of dry products at high throughput rates



Sizer 2000

- Fractionating of products which are difficult to screen



Combisizer / Linear oscillating screens

- for problem-specific applications in quarries, mines, the steel industry and the treatment of waste



Rod sizer

- Coarse separation of large objects with diameters up to 1,000 mm and with weights of up to 3 tonnes





Optoelectronic sorting systems

4



MikroSort® AF

- Precise grading by type of PET flakes



MikroSort® AX

- Grading precisely by colour in glass-recycling operations



MikroSort® AP

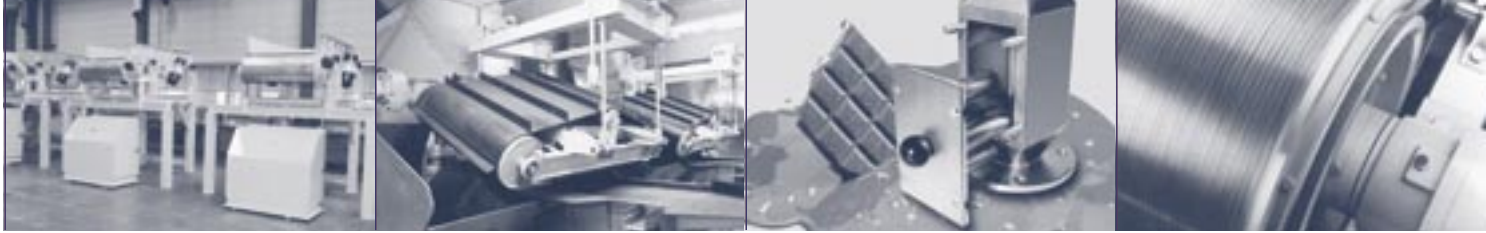
- Precise grading by type of minerals and salts



New!

X-ray sorter MikroSort® AR 1200

- Separation of household and industrial waste into organic and inorganic fractions



Magnetic separators / Separating tables

5

Permanent-magnet drums

- Removal of iron from medium to fine goods



Overhead magnets

- for goods containing large amounts of iron
- Installation parallel or transversely over conveyor belts, troughs, chutes



Lift-out magnets

- for goods having little iron content



Magnetic grids

- for dry and wet goods
- for installation in pipes, hoppers, chutes, troughs, etc.

Rotating magnetic grids

- Removal of very fine particles
- Continuous removal from a product flow



Separating tables

- Air table for separation of goods by density



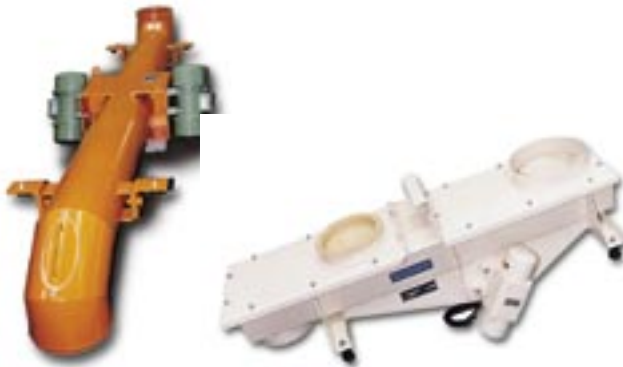
Vibratory conveyors

6



Vibratory conveyors / Vibratory screener

- Open and dust-tight designs
- for dry bulk solids of all types



Vibratory tube conveyors / Closed vibratory conveyors

- Dust-tight transport of dry bulk goods of all types



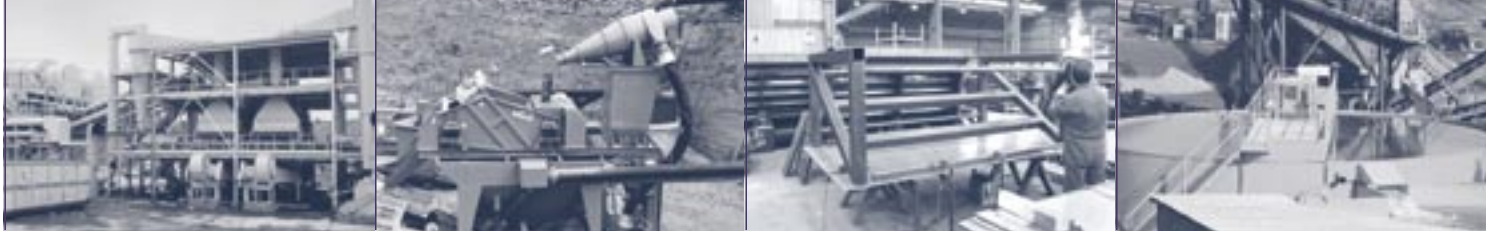
Hopper discharge conveyors

- for defined discharge from hoppers and uniform transport of bulk goods of all types



Feed distributors

- for uniform distribution of bulk goods between several screening machines of conveyor belts

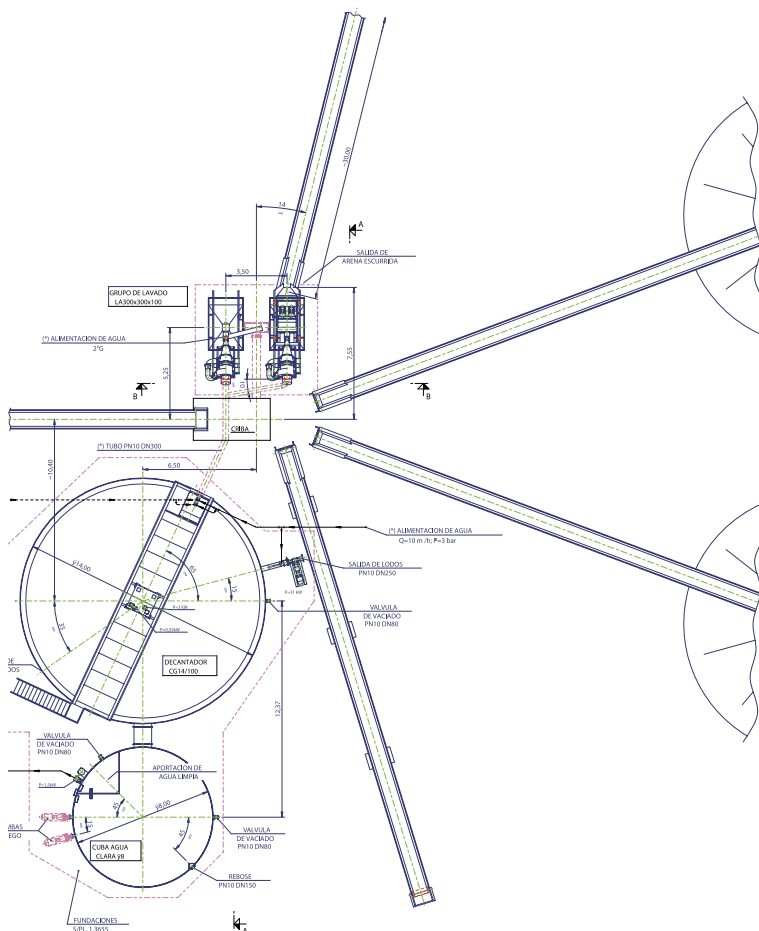


Sand-washing plants

7

Engineering, construction and commissioning of plants for

- washing sand
- draining sand and
- removal and cleaning of dirty water from sand





Fluidised-bed driers and coolers

8



Fluidised-bed driers/coolers

- static driers/coolers
- vibration driers/coolers
- For use with all types of bulk goods

Vibration batch driers

- Drying and cooling
- Small quantities and difficult products



Fluidised-bed driers with heat exchangers

- Maximum throughput in the production of salt and soda
- Further applications in the areas of foodstuffs, animal feeds and plastics

Dispersion driers

- co-current flow principle
- for powders and fine chrystalls
- for drying starch and flour



Fluidised bed spray granulators

- Conversion of liquids into granulates
- coating

Suspension and paste driers

- Conversion of suspensions and pastes to powders
- Pigment drying



Pharmaceutical fluidised-bed systems

- Batch or continuous operation
- Construction in accordance with GMP/FDA
- WURSTER - Coating

Laboratory driers

- Small-batch production
- Research and development



Drum driers and coolers

9

Single-flue, double-flue and triple-flue drums system **MOZER**

Treatment of pourable dry goods in the areas:

- stone and ores
- minerals
- chemistry
- environmental technology
- recycling



Drum driers for combined methods system **MOZER**

- Drying and cooling of sand, broken rock, slag, etc.
- Drying and cleaning of contaminated stone
- Drying and separation of shredded materials
- Drying and crushing of, for example, filter cakes



Complete fluidised-bed and drum drier systems for all sectors of industry





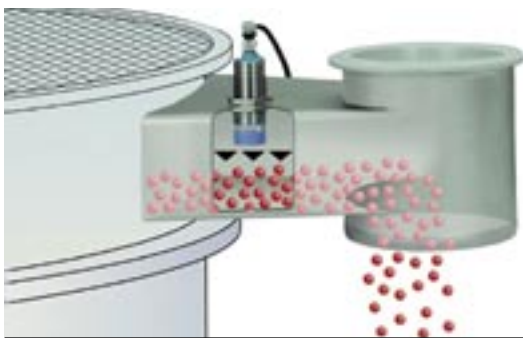
Monitoring systems

10



Vibrating-machine monitor

- Signals unusual operating conditions such as overloads



Process control

- for indication of screen damage and overloading of round screening machines



Motor-brake controller

- for braking vibrating screening machines after they have been switched off



Screen synchronisation

- for reduction of superimposed vibrations in steel structures when several tumbler screening machines are used parallelly

The ALLGAIER-Group: Select the most suitable solution from a wide spectrum of machines.

ALLGAIER WERKE GmbH

The parent company ALLGAIER WERKE GmbH offers a wide range of screening and dryer systems and magnetic separators. With the development of the tumbler screening machine, the company has set worldwide standards for industrial fine screening.

www.allgaier.de

ALLGAIER

MOGENSEN GmbH & Co. KG

MOGENSEN GmbH & Co. KG manufacture high-performance screening machines, particularly for the important sector of the stone and ore industry. Their product range also includes the optoelectronic sorting system MikroSort® for grading of bulk goods by colour, shape or size.

www.mogensen.de

MOGENSEN

FREDRIK MOGENSEN AB

The Swedish screening-machine manufacturers FREDRIK MOGENSEN AB – the original parent company of the German subsidiary MOGENSEN – manufactures very robust grading technology, primarily for the animal-feed industry and the treatment of ores and minerals.

www.mogensen.se

 **MOGENSEN**

GOSAG S.A.

The main emphasis of GOSAG S.A. is the manufacture of screening machines, but it also plans and erects plants for washing and draining sand and for the removal and cleaning of dirty water from sand.

www.gosag.com

 **GOSAG**

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