MOGENSEN

Sizers

The unique Mogensen sizer, is a probability screen that has higher material throughput combined with a smaller footprint when compared to a traditional screen. This higher efficiency screening saves on energy use and means very high tonnages can be accommodated. A small compact design allows the Mogensen Sizer to fit into most applications and it is even more resistant to pegging and blockages than conventional screens.

DESIGN FEATURES

The Mogensen Sizer Range can be designed with various options that include, but are not limited to the following:-

- Enclosed or open designs
- Specialist linings
- Mesh cleaning systems
- Bespoke inlet/outlet configurations
- 0.5m / 1.0m / 1.5m / 2.0m / 3.0m wide models
- 3, 5 or 6 deck arrangements
- Dry or wet duties
- Bespoke control systems

ADVANTAGES OF VIBRATORY EQUIPMENT

The Mogensen equipment range has been developed to perform a multitude of functions which include:-

- Low maintenance
- Low energy consumption
- High operational safety levels
- Easy to clean /reduced contamination
- Improved feed presentation / separation / sizing
- Reduced dust emissions
- Wear / impact resistance
- Auto mesh cleaning / deck heating
- High throughput tonnage
- Cost effective
- Dry, damp or wet material

Contact us for full product details

Tel +44 (0) 1476 566301 **Email** sales@mogensen.co.uk **Web** www.mogensen.co.uk

A Division of Grantham Engineering (Established 1946) Mogensen Harlaxton Road, Grantham, Lincolnshire, England NG31 7SF

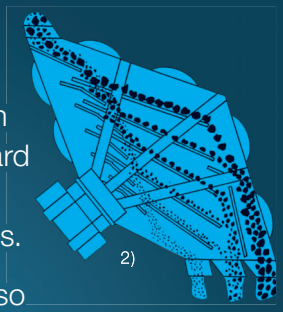
ISO 9001 Registered Company sira CERTIFICATION UKAS MANAGEMENT SYSTEMS 011

GRANTHAM ENGINEERING

Quality Engineered, Raw Materials Handling

Mogensen is a leading U.K. manufacturer of materials handling and vibratory process equipment. With over 50 years experience the company has become renowned for its quality, reliability and after-sales service.

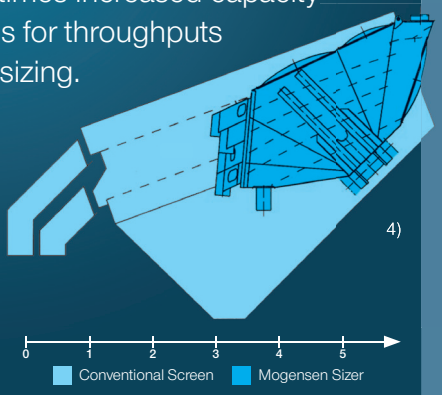
Created in the early 1960's by Dr. Fredrik Mogensen in response to a more efficient way to screen raw materials, the Mogensen sizer has today become an industry standard in screening and especially in the multi-sizing of materials.


2)

1)

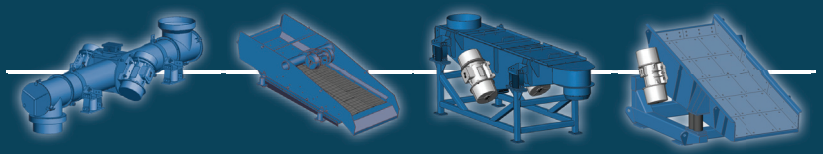
The unique design also benefits by causing no material product damage or the production of unwanted fines that can be created in conventional screening methods. Therefore reduced production loss, up to five times increased capacity and options for throughputs and product sizing.

3)



1) SO554 0.5m Sizer 2) Material flow diagram 3) S2056 2m Sizer 4) Sizer versus Screen comparison

Feeders | Sizers | Screens | Spreaders
Conveyors | Separators | Compactors



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MOGENSEN

Mogensen equipment is used World-wide, processing an extensive range of materials including but not limited to the following:

Primary Mineral Processing
- > Ores (Iron, Copper, Zinc ,etc)
- > Aggregates (Sand, Gravel)
- > Crushed Stone (Limestone, Dolomite, Granite, Gypsum, etc)
- > Salts
- > Coal

Secondary Mineral Processing
- > Cement (Powder, Clinker, Limestone, Burnt Lime)
- > Iron & Steel (Iron Ore, Pellets, Powders, Coke, Sinter, Slag)
- > Ceramic (Clay, Grog, Bauxite, Magnesite, Quartzite)
- > Foundries & Smelters

Chemical Industry
- > Fertiliser
- > Detergents
- > Plastics

Food Industry
- > Animal Feed (Rolls, Pellets, Crumb, Biscuits)
- > Vegetables
- > Beans & Seeds (Cocoa, Coffee, Nuts, Grains)
- > Oils (Mineral, Vegetable, Nut)
- > Powders (Cocoa, Coffee, Tea, Spices, Milk Powder, Salt, Sugar)

Recycling / Waste Management
- > Rubber Crumb (Tyres, Underlay)
- > Shredded Plastic (Bottles, Packaging, Laminates)
- > Glass (Plate and Bottle)
- > Mixed Commercial / Domestic Waste
- > Bio Fuels (MBM, Wood-waste, Biomass
- > Waste Water Treatment Solids
- > Building Waste (Plasterboard, Aggregates, Soils)
- > Metals

Mogensen Products

- > **Mogensen Sizers** (Open or Enclosed / Multi-deck)
- > **Mogensen Vibratory Screens** (Open or Enclosed / Single or Multi-deck)
- > **Vibratory Feeders** (Open or Enclosed liner options)
- > **Mogensen Vibratory Separators** (Divergators; Grizzly Feeders; Tine-decks & Bar-decks)
- > **Mogensen Spreader Feeders** (Central or Transverse / Single or Twin Outlet)
- > **Mogensen Vibratory Conveyors** (Open or Enclosed / Tubular or Square Section)
- > **Mogensen Vibratory Tables** (Flat or Grid top / Fixed or Pneumatically Raised
- > **Mogensen Mesh Cleaning** (Pneumatically Released or Electically Heated)
- > **Mogensen Vibratory Starters** (Fixed or Variable Speed / Single or Multi-vibrator)

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All reference to technical and commercial information herein is subject to our Conditions of Sale and gaining written confirmation from ourselves.

GRANTHAM ENGINEERING