

E Type Safety & Separating Sieves



PRODUCT INFORMATION



E type safety/separating sieves are primarily used to separate fine bulk products according to particle size or prevent foreign material to enter into process. They separate one or more groups with the defined particle distribution, and classify them if there are other properties associated with the particle size (e.g. flour and bran).

APPLICATIONS

- Foods
- Animal feeds
- Fertilizers
- Chemicals
- Pharmaceuticals
- Construction materials

DESCRIPTION

The product to be separated is moved by shaking and vibration in order to bring the grains into contact with the screen as often as possible. The movement is carried out by means of a vibrating motor which is mounted on side.

CERTIFICATIONS

Isimsan manufactures according to the following International directives and regulations:

- CE 2006/42/EC (machinery directive)
- CE 2014/29/EU (pressure vessel directive)
- CE 2014/68/EU (pressure vessel directive)
- ATEX product line 2014/34/EU
- EHEDG hygiene guidelines
- GMP (Good Manufacturing Practices)
- FDA (U.S. Food and Drug Administration)
- EAC (EuroAsia Comformity)

Isimsan is certified in terms of quality management (ISO 9001), environmental standards (ISO 14001), welding technology and supervision (ISO 3834 & 14731) and control technology (2006/42/EC).





CONSTRUCTION DETAILS

Isimsan produces sieve systems for different size classes. The E type safety/ sepsystem is Isimsan's smallest one. This robust, flexible and easy to use system is considering high hygiene standards. Sieve tests and analyzes can be done at Isimsan's technical center.

FEATURES

Separating parts: top cover, body, screens, seals, clamps, engine

Material: stainless steel 1.4301 (others upon request)

Surface: 2B, brushed, polished (ca. 0,2 Ra)

Screen shape: circle

Screen size: Ø 560 mm

Number of screens: 1

Screen mesh: 0,30 - 20 mm (others upon request)

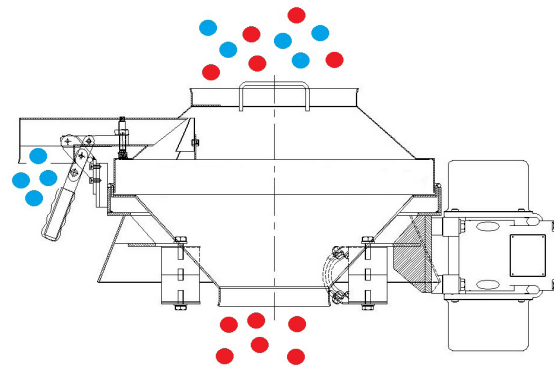
Detachable section: 1

Vibrating motor: 1

Engine brand: Italvibras (others upon request)

Engine power: 0,3 Kw

Engine Frequency: 50



OPTIONS

- Internal magnet group



E TYPE SAFETY & SEPARATING SIEVES

The table below refers to the standart performance of E type safety and seperating sieves. The standard performance include following components and specifications.

Material: stainless steel 1.4301

Surface: brushed (outside),
polished (inside)

Screen shape: Circular

Vibration machine: 1 piece

Mesh sizes: 0,3 -20 mm
(others upon request)

Screen Size	Number Of Sieves	Number of Sections	Dimensions	Weight	Driving Force
m ²	quantity	quantity	Height x Width (mm)	kg	kW
0,28	1	1	400 x 1.000	90	0,3

Isımsan design sieves according to customer specifications. This includes the choice of material, drive models, feeding and discharging systems and of also other equipment.

For further information, please do not hesitate to contact us. We are there for you.



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