

Mobile Separating Sieves



PRODUCT INFORMATION



The Mobile Separating Sieves are primarily used to separate fine bulk products according to particle size. 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 should be moved by shaking and vibration in order to bring the grains into contact with the screen as often as possible. The drive is carried out by means of a vibrating motor fitted downwards.

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 Conformity)

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 separation sieve systems for different size classes. The mobile system 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 735 mm

Number of screens: 1 - 3

Screen mesh: 0,30 - 5,35 mm (others upon request)

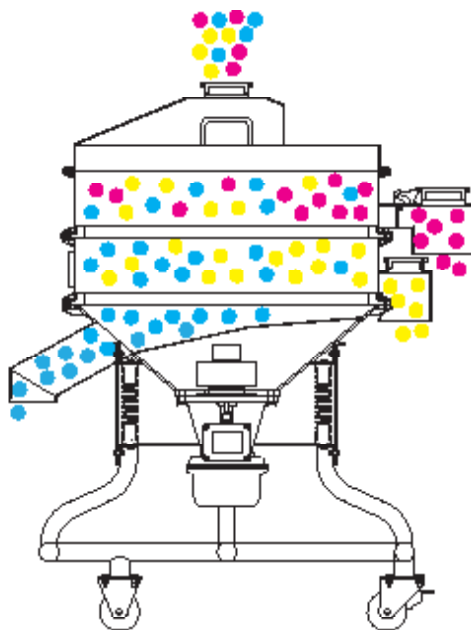
Detachable section: 2 - 4

Vibrating machine: 1 x attached downward

Engine brand: Italvibras (others upon request)

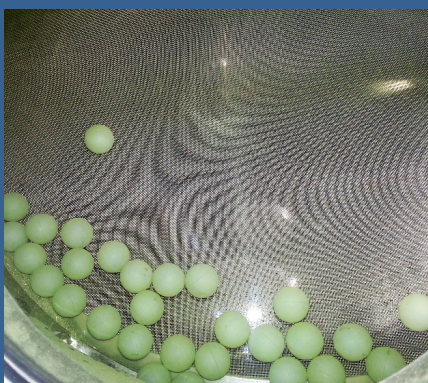
Engine power: 0,75

Engine Frequency: 50



OPTIONS

- Magnet boxes



MOBILE SEPARATING SIEVES



The table below refers to the standart performance of mobile separating sieves.
The standard performance include following components.

Material: stainless steel 1.4301

Surface: brushed (outside),
polished (inside)

Screen shape: Circular

Vibration machine: 1 piece

Mesh sizes: 0,3 - 5,35 mm
(others upon request)

Screen Size	Number Of Sieves	Number of Sections	Dimensions	Weight	Driving Force
m²	quantity	quantity	Height x Width (mm)	kg	kW
0,42	1	2	1.250 x 1.203	170	0,52
0,42	2	3	1.420 x 1.203	210	0,52
0,42	3	4	1.590 x 1.203	250	0,52

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

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



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