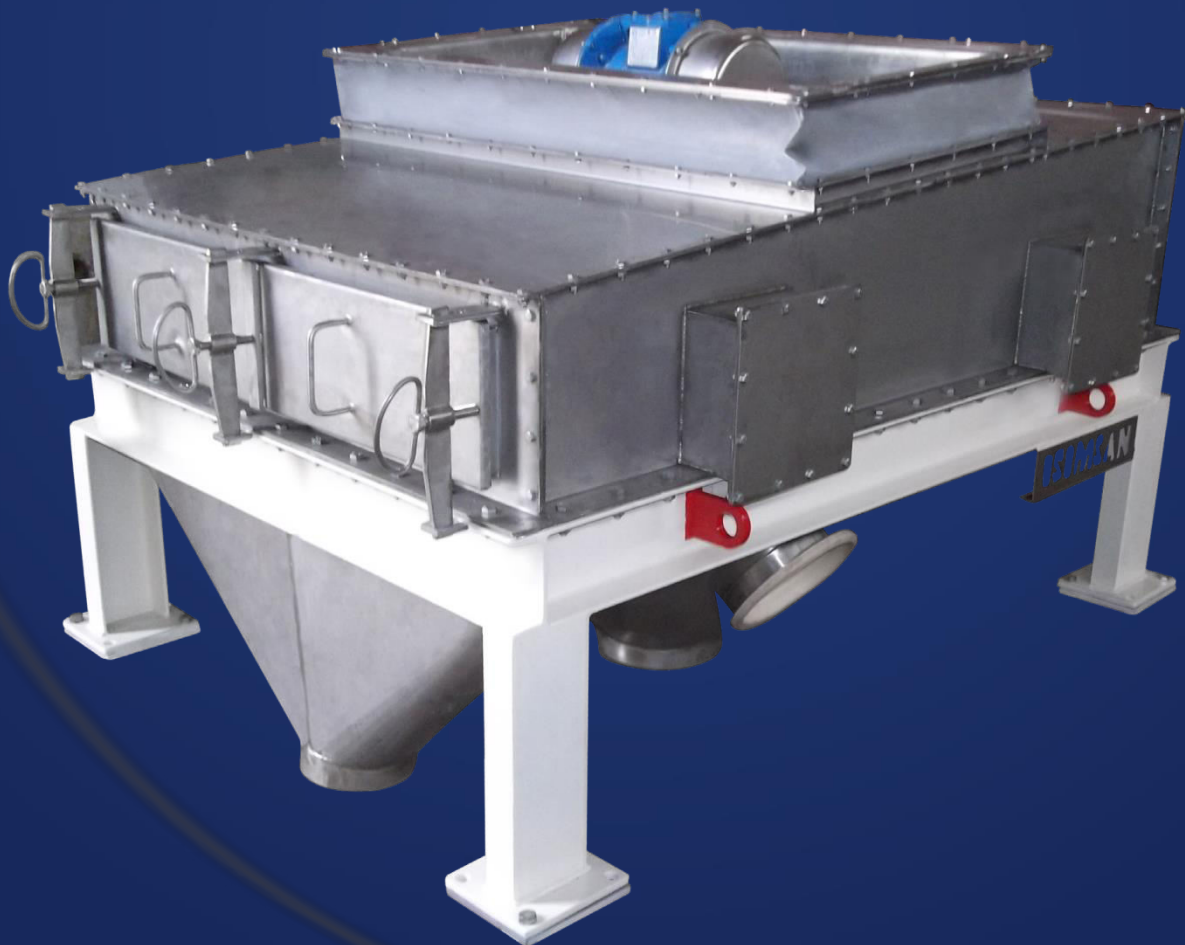


## Industrial Separating Sieves



## PRODUCT INFORMATION



The Industrial Separating Sieve Systems 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.

## APPLICATIONS

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

## DESCRIPTION

In order to make the granules contact with the separator as often as possible, the product to be separated is moving by vibration. The drive is carried out by means of a vibrating motor fitted upwards.

This very robust and easy to use system is performed in compliance with customer-specific requirements.

## CERTIFICATIONS

Isimsan manufactures according to the following International directives and regulations:

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

### FEATURES

**Separating parts:** body, screens, engine

**Material:** carbon steel, duplex steel, wear-resistant steel, stainless steel

**Surface:** painted, brushed, polished, mirror polished

**Body size:** 1.400 x 2.500 x 1.400 mm (or upon request)

**Screen form:** rectangle

**Screen size:** 1.000 x 2.100 mm (or upon request)

**Screen mesh:** 0,15 - 5,35 mm (or upon request)

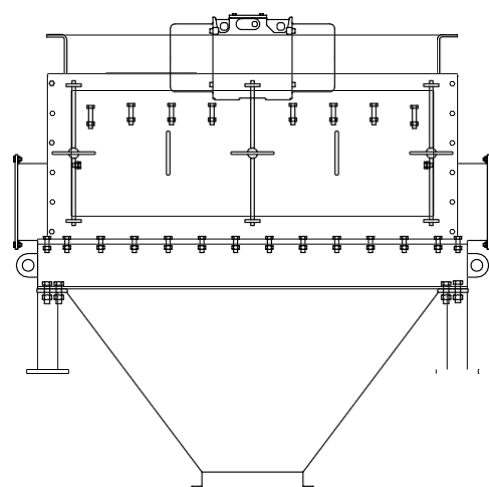
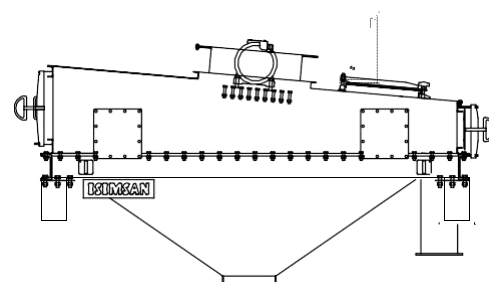
**Screen area:** 2 - 4 m<sup>2</sup> (or upon request)

**Number of screens:** 1 - 3

**Vibrating machine:** 1 unit

**kW:** 1.1 kW (or upon request)

**Hertz:** 50 Hertz



### OPTIONS

- Emergency sensors
- PLC system (Programmable Logic Controller)
- Remote control
- Frame and platform
- Pneumatic valves



## INDUSTRIAL SEPARATING SIEVES



The table below refers to the standard performance of Industrial Separating Sieves, and include following components:

**Frame:** painted, carbon steel S235JR

**Body:** stainless steel 1.4301

**Surface:** brushed (outside),  
polished (inside)

**Screen form:** rectangle

**Vibration machine:** 1 unit

**Mesh sizes:** 0,15 - 5,35 mm

Screen size	Number of screens	Number of sections	Total Measures	Weight	Drive
m <sup>2</sup>	mm	number	Height & lenght (mm)	kg	kW
2	1	2	1.500 x 2.750	1.100	0,85

Isimsan designs the Industrial Separating Sieves according to customer specifications. This includes the choice of material, of drive models, of feeding and discharging systems and of other equipment options too.

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



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