

# ERIMAKI SEPARATION EQUIPMENT

## Vibrating Sieves

Sift, Classify, De-dust and filter



The Rotajet RJ-VS vibro screens are used throughout industry for the separation of solids and liquids. The vibro screens can be installed with 1 to 4 separation stages, allowing separation of 2 to 5 product fractions.

The RJ-VS vibro screens are supplied from Ø 400 to Ø 2200 mm

### Applications

The vibrating motion of the screen runs both horizontally and vertically and can be adjusted in both directions. The distinguishing feature of the vibrating screen is the possibility to easily and quickly alter the vibrating movement and, as a consequence, the behaviour of the material to be sieved.

By installing an inverter, you can also change the vibration speed. This provides great flexibility of use, with both solid and liquids products.

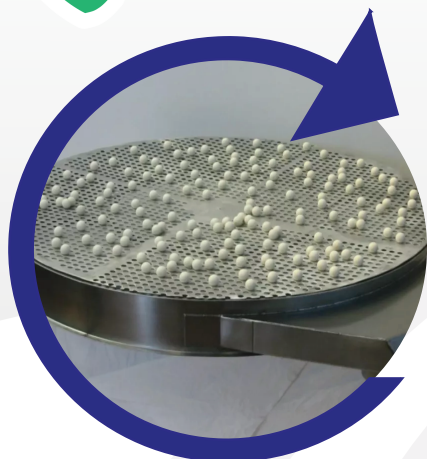
### Features:

- Thanks to their intelligent design, our sieves transmit no vibrations through to their base
- Adjustable movement and speed of the horizontal and vertical vibrations
- No additional structures required for installation allowing for a speedy simple install
- Available in stainless or painted carbon steel, ensuring the process is suitable for products for safe human consumption.



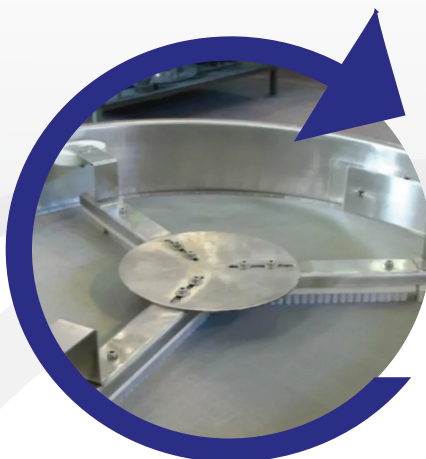
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**ROTAJET**  
SYSTEMS



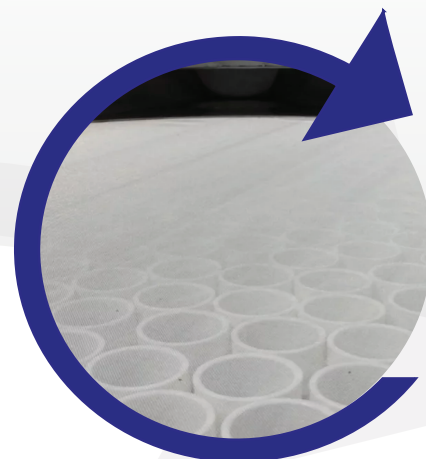
## Ball cleaning system

Small specialist balls bounce around the screen when in operation. Their movement pushes product through, unblocks build up in the mesh and keeps the screen clear.



## Brush cleaning system

An brushing system can be fitted that continuously rotates using the machines vibrations and cleans the screen from any buildup.



## Cleaning rings

Using the machines vibrations, these cylinders move and gently scrape the mesh removing

### Model - RJ-VS-400

Decks	A	B	C	D	E	F
1	438	700	470	460	80	120
2	438	820	470	460	80	120
3	438	940	470	460	80	120
4	438	1060	470	460	80	120

### Model - RJ-VS-600

Decks	A	B	C	D	E	F
1	600	900	510	560	150	165
2	600	1065	510	560	150	165
3	600	1230	510	560	150	165
4	600	1395	510	560	150	165

### Model - RJ-VS-900

Decks	A	B	C	D	E	F
1	900	900	810	560	150	165
2	900	1065	810	560	150	165
3	900	1230	810	560	150	165
4	900	1395	810	560	150	165

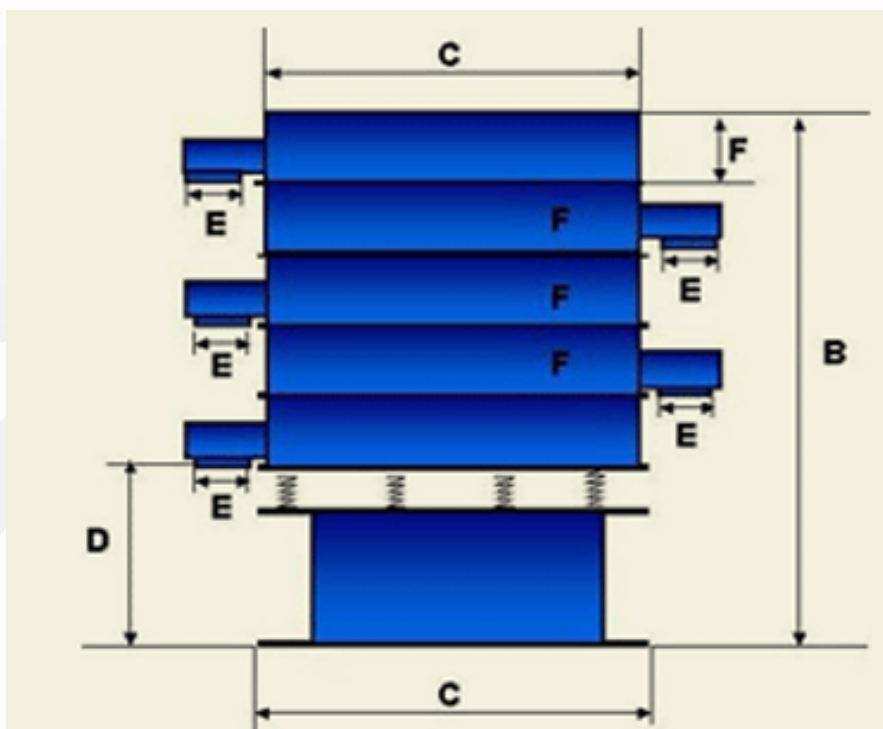
### Model - RJ-VS-1200

Decks	A	B	C	D	E	F
1	1200	900	940	560	204	165
2	1200	1065	940	560	204	165
3	1200	1230	940	560	204	165
4	1200	1395	940	560	204	165

ERIMAKI VIBRATING SIEVES



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**Straight line**



**Normal Spiral**



**Various Spiral**



**Centripetal Spiral**



## **Model - RJ-VS-1500**

Decks	A	B	C	D	E	F
1	1500	900	1080	560	204	165
2	1500	1065	1080	560	204	165
3	1500	1230	1080	560	204	165
4	1500	1395	1080	560	204	165

## **Model - RJ-VS-1800**

Decks	A	B	C	D	E	F
1	1800	900	1380	560	204	165
2	1800	1065	1380	560	204	165
3	1800	1230	1380	560	204	165
4	1800	1395	1380	560	204	165

## **Model - RJ-VS-2200**

Decks	A	B	C	D	E	F
1	2200	1450	1800	960	204	240
2	2200	1690	1800	960	204	240
3	2200	1930	1800	960	204	240
4	2200	2170	1800	960	204	240