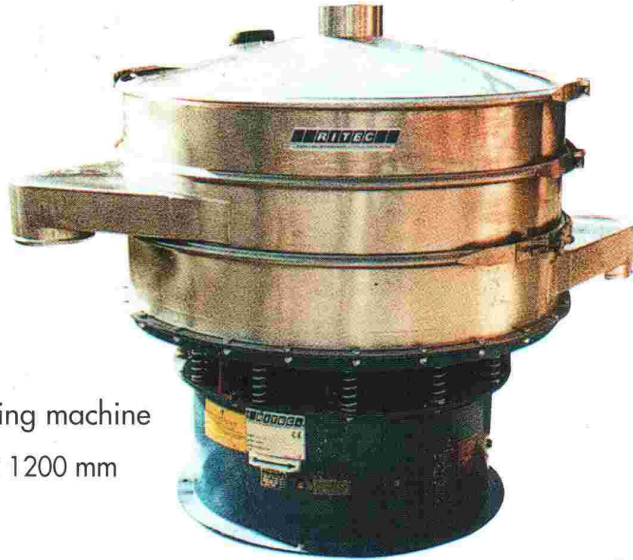


ROUND VIBRATING SIEVE MACHINES TO CLASSIFY AND SEPARATE SOLIDS AND LIQUIDS

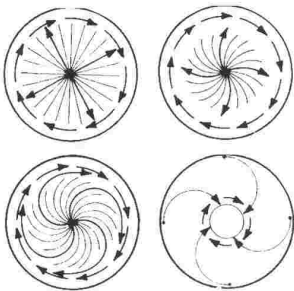
SIEVES Ø 400 mm Ø 600 mm Ø 900 mm Ø 1200 mm Ø 1500 mm Ø 1800 mm



Sieving machine
Ø 1200 mm



Sieving machine
Ø 400 mm



VARIATION IN MOVEMENT OF THE PRODUCT ON THE SCREEN

Capacity of controlling vibratory movement and getting a wide range of vibrations is achieved thanks to balancing cages equipped with counterweights on special lugs whose movement produces vibrations. The various reciprocal positions, and the number, of the cage counterweights is a way of modifying the quality of movement given to the vibrating parts. The illustration indicates some of the various possible trajectories for the product that can be achieved by adequate setting. It is important to stress that the counterweight setting operations inside the cages are carried out without disassembly and without tools.

VIBRATING SIEVING MACHINES

The amplitude variation and the tri-dimensional movement of the product on the screen are achieved by setting the upper (mid-setting in factory) and lower counterweights (easy access by access door) of the vibrating motor.

All parts in contact with the product are made in stainless steel AISI 304 or 316 L (carbon steel on request).

4-deck equipment possible for a 5 fraction classification

Clamp rings for easy access and interaction on the screen frame.

Strong mechanical construction.

Safe and quiet operation and low energetic consumption.

OUR TEST CENTER IS AT YOUR DISPOSAL FOR TRIALS

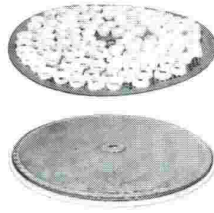
RITEC

Zone d'activités de Signes, Avenue de Rome – BP 30718, F-83030 TOULON Cedex 9 (France)
Tel : +33 (0)4 94 88 30 37 – Fax : +33 (0)4 94 90 39 65 - Email : ritec@wanadoo.fr - Site : www.ritec.fr

SCREEN CLEANING SYSTEMS AS REQUIRED

□ Kleeners

Cleaning system for the lower section of the screen made up of polypropylene cones placed on stainless steel sheeting. The cones, which turn due to the vibrations of the machine, keep the mesh cloth clean by striking and scraping the screen. This anti-blinding system is generally used for fibrous or spherical products which could obstruct the mesh during the sieving operation. It also improves solid/liquid separation.



□ Balls

Cleaning system for the lower section of the screen cloth section made up of 35 mm elastomer balls which rebound on a 4/5 mm stainless steel netting. The sieve vibrations cause the balls to rebound on the underside of the screen netting.

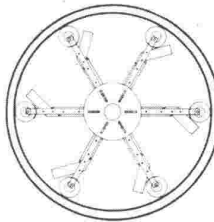
The ball anti-blinding system is particularly efficient for fine products which could stick to the screen cloth.



□ Brushes

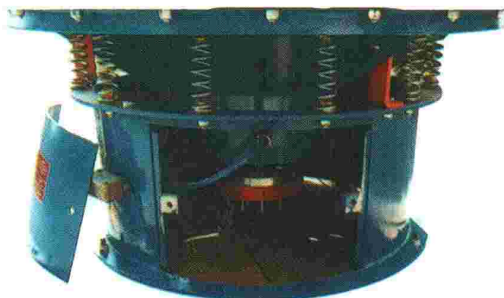
An automatic rotating brush system. This is provided on request for 400, 600 and 900 mm sieve machines.

The anti-blinding system by brushes is particularly efficient for products which are crushed and stick to the netting, and products which tend to clog. The device is simply fitted on the top of screen. Rotation of the brushes is automatic due to the tri-dimensional movement of the screening.



□ ULTRASONIC CLEANING SYSTEM :

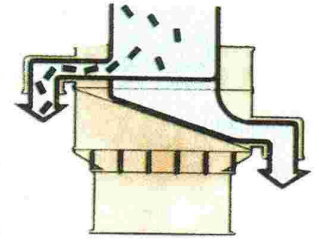
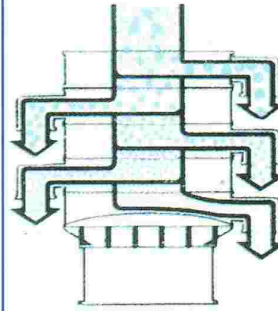
Documentation available on request.



Direct transmission vibration generator
750-1000-1450 rpm - 1.85 kW - 0.48 to 1.85 kW
Voltage and special protection on request
Easy setting

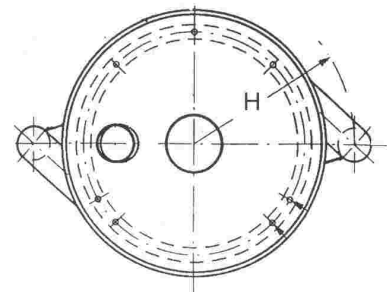
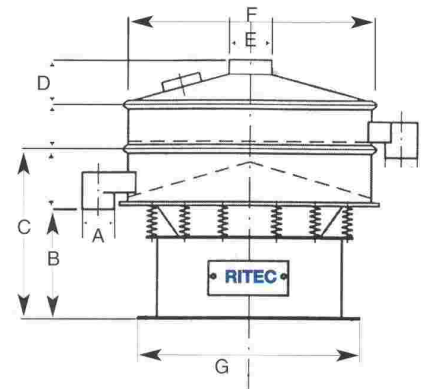
CLASSIFICATION

WATER PURIFICATION



RITEC ALSO OFFERS :

- A test center equipped with instruments to measure throughput and particle size analysis.
- An important stock of spare parts for quick delivery.
- An own re-screening workshop for quick sieve replacement.
- Toll sieving possibilities.



Dimensions (mm) according to sieve	A	B	C	D	E	F	G	H	Frame per deck (in mm)	Surface (in m ²)	Electrical power (in kW)
ø 400 mm	80	380	543	105	100	450	460	310	120	0,125	0,48
ø 600 mm	127	375	563	155	125	650	590	420	145	0,28	0,48
ø 900 mm	204	570	785	195	204	900	804,5	610	172	0,63	1,1
ø 1200 mm	204	570	785	205	204	1200	932	790	172	1,1	1,85
ø 1500 mm	250	605	870	205	250	1500	1084	950	223	1,75	1,85
ø 1800 mm	250	615	873	305	250	1800	1448	1100	223	2,5	1,85



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SPECIAL DESIGNS

VIBRATING SIEVE MACHINE MC with bag-emptying, on rollers

- Dust extraction chimney.
- Safety grid, easy dismantling of the rods for quick cleaning.
- Compact design
- Low noise operating



SIEVE MACHINE IN PHARMA VERSION



Sieve machine TN Ø600mm
in stainless steel 316L,
glue and seals FDA,
Atex zones 2/22



Sieve machine MC Ø400mm
central inlet and outlet,
in stainless steel 316L, mirror polishing
glue and sealsFDA,
Atex zones 1/21 or 2/22



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