



virto
ScreenX ●

CUCCOLINI[®]

Vibrating sieves for powders
and liquids

The logo for Cuccolini, featuring the word "CUCCOLINI" in white, uppercase, sans-serif font, with a registered trademark symbol (®) to the right. The text is set against a solid red rectangular background.

CUCCOLINI Srl, founded in 1946, is the number one Italian producer of vibrating sieves. A market leader, with over 3,500 machines produced every year, it offers a wide range of products specifically designed for the separation, classification and iron removal of liquids and powders. Our machines - circular and rectangular screens, vibrating sieves, tumbler screens, ScreenX with MFVexcite technology, iron removers - are sold all over the world, offering our customers the highest quality standards and levels of reliability, versatility and technological innovation.

Our mission

To be the original and best – a beacon in our sector. This is our goal, which we pursue at every moment in the design, manufacture and sales of our products.

CUCCOLINI products are the result of continuous technological research to obtain ever more satisfactory performance and results. This is how we align our relationships with our suppliers and customers, setting up a policy of collaboration aiming for quality and reciprocal improvement. We establish complete communication, including technical consultancy, project development, testing of the machines with the material to be refined, and after-sales assistance. All this occurs with full respect of safety standards and the environment.

In the same manner, we aim to provide a safe, stimulating environment for our employees which lets them grow together with the company, making the most of their individual skills and aptitudes.

The logo for Virto, featuring the word "virto" in a bold, blue, lowercase sans-serif font. A small blue circle is positioned below the letter "o".

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VPB 450 - 600



Circular sieve for sorting powders in general. Its compact size and height-adjustable trolley make this machine particularly practical and suitable for lab use.

Design characteristics

- Body and trolley in AISI 304 stainless steel.
- Truncated conical cover with screw knobs.
- Electric vibrator motor, IP 65 rated.

Technical characteristics

	VPB 450	VPB 600
Electrical power (kW)	0,18	0,48
Centrifugal force (kg)	170	428
Sieving decks	1 - 3	1 - 3
Mesh surface (m²)	0,104	0,264

Main accessories

- FDA-approved seals.
- Mesh cleaning system.

Use

- Screening of powders and granulated materials.

Advantages

- Ease of cleaning.
- Compact dimensions.
- Ease of installation.

CUCCOLINI®

VIBRATING SIEVES - Powders

Circular sieve for sorting powders and solid material in general. Highly versatile, practical, easy to handle and quick to dismantle.

Design characteristics

- Trolley or fixed base in stainless steel.
- Cylindrical upper band.
- Quick-release fastening ring.

Technical characteristics

	VPB 500 1X	VPB 800 1X
Electrical power (kW)	0,3	0,73
Centrifugal force (kg)	400	680
Sieving decks	1	1
Mesh surface (m²)	0,22	0,36

Main accessories

- Cover with suction and inspection hole.
- Automatic mesh cleaning system.
- FDA-approved seals.
- ATEX zone 22 certification.

Use

- Screening of powders and granulated materials.

Advantages

- Ease of cleaning.
- Compact dimensions.
- Ease of installation.
- New motovibrator with 2 years warranty.

VPB 500-800 1X



VPB 500 - 800 2-3X



Circular sieve for sorting powders and solid material in general. Highly versatile, practical, easy to handle and quick to dismantle.

Design characteristics

- Trolley or fixed base in stainless steel.
- Cylindrical upper band.
- Quick-release fastening ring.

Technical characteristics

	VPB 500 2-3X	VPB 800 2-3X
Electrical power (kW)	0,3	0,73
Centrifugal force (kg)	400	680
Sieving decks	2-3	2-3
Mesh surface (m²)	0,22	0,36

Main accessories

- Cover with suction and inspection hole.
- Automatic mesh cleaning system.
- FDA-approved seals.
- ATEX zone 22 certification.

Use

- Screening of powders and granulated materials.

Advantages

- Ease of cleaning.
- Compact dimensions.
- Ease of installation.
- New motovibrator with 2 years warranty.

Circular sieve for sorting powders and solid material in general. The wide range available, the accessories and effective and reliable testing make VPM the best possible solution for selection of powders.

Design characteristics

- Ring clamping system.
- Parts in contact with the product in AISI 304 stainless steel.
- Fixed one door base.
- Product discharge outlet with sloped bottom.
- Electric motovibrator, IP 65 rated.

Tech. characteristics	VPM 900 1X	VPM 1200 1X
Electrical power (kW)	0,73	1,25
Centrifugal force (kg)	850	1,300
Sieving decks	1	1
Mesh surface (m²)	0,587	0,932

Main accessories

- Cover with suction and inspection hole.
- Automatic mesh cleaning system.
- FDA-approved seals.
- ATEX zone 22 certification.

Use

- Selection of powders and granulated products in general.

Advantages

- High efficiency due to high centrifugal force applied to motor.
- Precise screening thanks to square-mesh nets.
- Fast waste discharge, leading to greater capacity and lifetime of the nets.
- High reliability thanks to its solid structure.
- Low noise.
- New motovibrator with 2 years warranty.



VPM 900-1200 2-3X



Circular sieve for sorting powders and solid material in general. The wide range available, the accessories and effective and reliable testing make VPM the best possible solution for selection of powders.

Design characteristics

- Ring clamping system.
- Parts in contact with the product in AISI 304 stainless steel.
- Fixed one door base.
- Product discharge outlet with sloped bottom.
- Electric motovibrator, IP 65 rated.

Tech. characteristics

	VPM 900 2-3X	VPM 1200 2-3X
Electrical power (kW)	0,73	1,25
Centrifugal force (kg)	850	1300
Sieving decks	2 - 3	2 - 3
Mesh surface (m²)	0,587	0,932

Main accessories

- Cover with suction and inspection hole.
- Automatic mesh cleaning system.
- FDA-approved seals.
- ATEX zone 22 certification.

Use

- Selection of powders and granulated products in general.

Advantages

- High efficiency due to high centrifugal force applied to motor.
- Precise screening thanks to square-mesh nets.
- Fast waste discharge, leading to greater capacity and lifetime of the nets.
- High reliability thanks to its solid structure.
- Low noise.
- New motovibrator with 2 years warranty.

CUCCOLINI®

VIBRATING SIEVES - Powders

VPM 1500-2000 1X

Circular sieve for sorting powders and solid material in general. Twenty years of technical modifications and updates, the wide range available, the accessories and the tested effectiveness and reliability make VPM the best possible solution for selection of powders.

Design characteristics

- Ring clamping system.
- Parts in contact with the product in AISI 304 stainless steel.
- Fixed one door base.
- Product discharge outlet with sloped bottom.
- Electric motovibrator, IP 65 rated.

Tech. characteristics	VPM 1500 1/X	VPM 2000 1/X
Electrical power (kW)	1,5	4,25
Centrifugal force (kg)	2150	6000
Sieving decks	1	1
Mesh surface (m²)	1,575	2,7

Main accessories

- Cover with suction and inspection hole.
- Automatic mesh cleaning system.
- FDA-approved seals.
- ATEX zone 22 certification.

Use

- Selection of powders and granulated products in general.

Advantages

- High efficiency due to high centrifugal force applied to motor.
- Precise screening thanks to square-mesh nets.
- Fast waste discharge, leading to greater capacity and lifetime of the nets.
- High reliability thanks to its solid structure.
- Low noise.
- New motovibrator with 2 years warranty.



VPM 1500-2000 2-3X



Circular sieve for sorting powders and solid material in general. Twenty years of technical modifications and updates, the wide range available, the accessories and the tested effectiveness and reliability make VPM the best possible solution for selection of powders.

Design characteristics

- Ring clamping system.
- Parts in contact with the product in AISI 304 stainless steel.
- Fixed one door base.
- Product discharge outlet with sloped bottom.
- Electric motovibrator, IP 65 rated.

Tech. characteristics	VPM 1500 2-3X	VPM 2000 2-3X
Electrical power (kW)	1,5	4,25
Centrifugal force (kg)	2150	6000
Sieving decks	2 - 3	2 - 3
Mesh surface (m²)	1,575	2,7

Main accessories

- Cover with suction and inspection hole.
- Automatic mesh cleaning system.
- FDA-approved seals.
- ATEX zone 22 certification.

Use

- Selection of powders and granulated products in general.

Advantages

- High efficiency due to high centrifugal force applied to motor.
- Precise screening thanks to square-mesh nets.
- Fast waste discharge, leading to greater capacity and lifetime of the nets.
- High reliability thanks to its solid structure.
- Low noise.
- New motovibrator with 2 years warranty.

CUCCOLINI®

VIBRATING SIEVES - Powders

VP2 450

Circular sieve with open bottom for sorting powders and fluids. Its special shape ensures it takes up the minimum vertical space.

Design characteristics

- Open bottom with outlet.
- Material in contact with product in AISI 304 stainless steel, ATEX zone 22 certified.
- Two side electric motovibrator, IP 65 rated.

Technical characteristics

VP2 450

Electrical power (kW)	0,18 + 0,18
Centrifugal force (kg)	394
Sieving decks	1 - 3
Mesh surface (m²)	0,104

Use

- Hopper outlets.
- Powder conveyor lines.
- Before packaging.

Advantages

- High capacity thanks to the large central outlet.
- Crust formation has been eliminated.
- Easy installation thanks to its low profile.



VP2 500-800



Circular sieve with open bottom for sorting powders and fluids. Its special shape ensures it takes up the minimum vertical space.

Design characteristics

- Open bottom with outlet.
- Two side motovibrators, IP65 rated, ATEX zone 22 certified.
- Parts in contact with product in AISI 304 stainless steel.

Technical characteristics

	VP2 500	VP2 800
Electrical power (kW)	0,17 + 0,17	0,3 + 0,3
Centrifugal force (kg)	426	854
Sieving decks	1 - 4	1 - 4
Mesh surface (m²)	0,13	0,36

Use

- Powder conveyor lines.
- At storage silo outlets.
- Before packaging.

Advantages

- High capacity thanks to the large central outlet.
- Crust formation has been eliminated.
- Easy installation thanks to its low profile.

Circular sieve with open bottom for sorting powders and fluids. Its special shape ensures it takes up the minimum vertical space.

Design characteristics

- Open bottom with outlet
- Two side motovibrators, IP65 rated, ATEX zone 22 certified.
- Parts in contact with product in AISI 304 stainless steel.

Tech. characteristics	VP2 900	VP2 1200	VP2 1500	VP2 2000
Electrical power (kW)	0,62 + 0,62	0,62 + 0,62	0,9 + 0,9	1,1 + 1,1
Centrifugal force (kg)	1342	1500	2810	3600
Sieving decks	1 - 4	1 - 4	1 - 4	1 - 4
Mesh surface (m ²)	0,587	0,932	1,575	2,7

Use

- Powder conveyor lines.
- At storage silo outlets.
- Before packaging.

Advantages

- High capacity thanks to the large central outlet.
- Crust formation has been eliminated.
- Easy installation thanks to its low profile.
- Mesh support system.

VP2 900 - 1200 - 1500 - 2000



VPF 800



Circular sieve for sorting pharmaceutical powders. Highly versatile, practical, easy to handle and quick to dismantle.

Design characteristics

- Parts in contact with product in AISI 316 stainless steel.
- Interior mirror finish.
- Certified pharmaceutical-grade silicone seal.
- Motor protection in AISI 304 stainless steel.

Technical characteristics

VPF 800

Electrical power (kW)	0,73
Centrifugal force (kg)	680
Sieving decks	1 - 4
Mesh surface (m²)	0,36

Use

- Screening of pharmaceutical powders.

Advantages

- Ease of cleaning.
- Compact dimensions.
- Ease of installation.
- New motovibrator with 2 years warranty.

Circular sieve with open bottom for sorting pharmaceutical powders. Its special shape ensures it takes up the minimum vertical space.

Design characteristics

- Open bottom with outlet.
- Two side motovibrators, IP65 rated, ATEX zone 22 certified.
- Parts in contact with product in mirror-polished AISI 316 stainless steel.
- Certified pharmaceutical-grade silicone seals.

Technical characteristics

VPF2 800

Electrical power (kW)	0,3 + 0,3
Max centrifugal force (kg)	854
Sieving decks	1 - 4
Mesh surface (m ²)	0,36

Use

- Powder conveyor lines.
- Screening of pharmaceutical powders.

Advantages

- High capacity thanks to the large central outlet.
- Easy installation thanks to its low profile.



SACK TIP STATION 800-900-1200



Unit composed of frame with support surface, vibrating sieve. It is mainly used for screening raw materials and, in general, to facilitate emptying and screening of products delivered in bags.

Design characteristics

- Removable booth, open at the front, with dust extraction hole.
- Removable grid fixed with three knobs.
- Parts in contact with product in AISI 304 stainless steel.
- Mechanical or pneumatic conveyor (optional).
- Electrical panel with separate controls for screen and worm-type conveyor.

Technical characteristics	SV 800	SV 900	SV 1200
Electrical power (kW)	0,73	0,73	1,25
Centrifugal force (kg)	680	700	1300
Sieving decks	1	1	1
Mesh surface (m ²)	0,36	0,587	0,932

Use

- It is mainly used for safety screening to avoid any contamination due to foreign bodies in products delivered in bags.

Advantages

- Makes bag emptying operations much more efficient.
- Total safety for the operator.

Circular sieve for liquids in general.

Vibrations keep the mesh constantly free from residues and enable the machine to work 24/7, with brief operator actions to clean the meshes on a periodic basis.

Design characteristics

- High splash-guard ring plate.
- Parts in contact with product in AISI 304 stainless steel.
- Fixed one door base.
- Electric motovibrator, IP 65 rated.
- Mesh cleaning system (optional).

Tech. characteristics	VLB 800	VLB 900
Electrical power (kW)	0,73	0,73
Centrifugal force (kg)	680	700
Sieving decks	1 - 4	1 - 4
Mesh surface (m ²)	0,36	0,587

Use

- Screening of liquids.

Advantages

- High efficiency due to high centrifugal force applied to motor.
- Fast waste discharge, leading to greater capacity and lifetime of the nets.
- High reliability thanks to its solid structure.
- New motovibrator with 2 years warranty.



VLB 1200-1500



Circular sieve for liquids in general.

Vibrations keep the mesh constantly free from residues and enable the machine to work 24/7, with brief operator actions to clean the meshes on a periodic basis.

Design characteristics

- High splash-guard ring plate.
- Parts in contact with product in AISI 304 stainless steel.
- Fixed one door base.
- Electric motovibrator, IP 65 rated.
- Mesh cleaning system (optional).

Tech. characteristics

	VLB 1200	VLB 1500
Electrical power (kW)	1,25	1,5
Centrifugal force (kg)	1300	2150
Sieving decks	1 - 4	1 - 4
Mesh surface (m²)	0,932	1,575

Use

- Screening of liquids.

Advantages

- High efficiency due to high centrifugal force applied to motor.
- Fast waste discharge, leading to greater capacity and lifetime of the nets.
- High reliability thanks to its solid structure.
- New motovibrator with 2 years warranty.

CUCCOLINI®

VIBRATING SIEVES - Liquids

VLM 900-1200

Circular sieve for liquids in general.

Vibrations keep the mesh constantly free from residues and enable the machine to work 24/7, with brief operator actions to clean the meshes on a periodic basis.

Design characteristics

- High splash-guard ring plate.
- Parts in contact with product in AISI 304 stainless steel.
- Fixed one door base.
- Electric motovibrator, IP 65 rated.
- Mesh cleaning system (optional).

Tech. characteristics	VLM 900	VLM 1200
Electrical power (kW)	0,73	1,25
Centrifugal force (kg)	850	1750
Sieving decks	1 - 4	1 - 4
Mesh surface (m ²)	0,587	0,932

Use

- Screening of liquids.

Advantages

- High efficiency due to high centrifugal force applied to motor.
- Fast waste discharge, leading to greater capacity and lifetime of the nets.
- High reliability thanks to its solid structure.
- New motovibrator with 2 years warranty.



VLM 1500-2000



Circular sieve for liquids in general.

Vibrations keep the mesh constantly free from residues and enable the machine to work 24/7, with brief operator actions to clean the meshes on a periodic basis.

Design characteristics

- High splash-guard ring plate.
- Parts in contact with product in AISI 304 stainless steel.
- Fixed one door base.
- Electric motovibrator, IP 65 rated.
- Mesh cleaning system (optional).

Tech. characteristics	VLM 1500	VLM 2000
Electrical power (kW)	1,5	4,25
Centrifugal force (kg)	2150	6000
Sieving decks	1 - 4	1 - 4
Mesh surface (m²)	1,575	2,7

Use

- Screening of liquids.

Advantages

- High efficiency due to high centrifugal force applied to motor.
- Fast waste discharge, leading to greater capacity and lifetime of the nets.
- High reliability thanks to its solid structure.
- New motovibrator with 2 years warranty.

CUCCOLINI®

VIBROVAGLI - High Capacity

VLH 1200-1500

Sieve for liquids in general.

The patented screening system gives a higher yield, so much so that it can replace 3 to 6 traditional sieves of the same size.

Design characteristics

- 1 refining deck + 2 sieving decks in series.
- Electric motovibrator, IP 65 rated.
- Parts in contact with product in AISI 304 stainless steel.



Tech. characteristics	VLH 1200	VLH 1500
Electrical power (kW)	1,5	1,85
Centrifugal force (kg)	1600	2200
Sieving decks	2 + 1	2 + 1
Mesh surface (m²)	0,932	1,575

Use

- Screening of liquids.

Advantages

- Completely closed structure with automatic washing system.
- Reduces the dimensions of a traditional system by 70%.
- High hourly capacity.

CUCCOLINI®

TUMBLER SCREENS

VTU 1200-2000-2400



The tumbler screen is characterized by its special three-dimensional movement which makes it incomparable in the selection and dedusting of dry powdered or granulated products. Especially suitable for multi-stage separation of fine, lightweight and difficult-to-screen products. The tumbler screen can use meshes down to 20 microns and anti-clogging systems for the meshes composed of FDA-certified rubber spheres or ultrasound systems. ATEX certification and FDA conformity is available on request. Mainly used in the food, chemicals, ceramics, ecology and recycling, plastics, petrochemical, construction and mining sectors.

Design characteristics

- Tie-rod clamping system.
- Parts in contact with product in AISI 304 stainless steel.
- Connectable discharge outlets.
- Adjustable three-dimensional movement.
- Belt drive.

Technical characteristics	VTU 1200	VTU 2000	VTU 2400
Electrical power (kW)	2,2	4	5,5
Sieving decks	1 - 5	1 - 5	1 - 5
Mesh surface (m²)	1,13	2,7	4,52

Use

- Selection of powders and granules in general.

Advantages

- Capacity up to 5 times greater per m² of screening surface.
- Extremely high sieving precision quality up to 90-95%.
- Quick replacement of the sieving deck with the deck lifting system.
- High reliability thanks to its solid structure.
- Low noise.

CUCCOLINI®

IRON REMOVERS - Liquids

PTZ 93 - 253 - 306

Iron-removing filter for fluids, operating under pressure and with permanent magnets.

Design characteristics

- Container in AISI 304 stainless steel.
- Cover with quick-fastener and hinge.
- Discharge cock for quick emptying.

Technical characteristics	PTZ 93	PTZ 253	PTZ 306
Magnet	Neodymium	Neodymium	Neodymium
Magnetic bars	3 x Ø 25 mm	3 x Ø 25 mm	6 x Ø 25 mm
Max. Temp. with seal in para (°C)	80	80	80
Max. Temp. with seal in EPDM (°C)	100	100	100
Max. operating pressure (bar)	0,5	0,5	0,5
Rated magnetic power of magnets (Gauss)	12000	12000	12000

Use

- Iron removal from liquids.

Advantages

- Easy installation.
- Excellent iron removal efficiency.
- Easy manual cleaning.



CUCCOLINI®

IRON REMOVERS - Liquids

DEMAG 255-405



Iron-remover for fluids with automatic cleaning. The amazing strength of the Neodymium permanent magnets used to manufacture the rollers and the exclusive automatic cleaning system make the DEMAG iron-remover the most effective unit.

Design characteristics

- Parts in contact with product in AISI 304 stainless steel.
- Automatic cleaning.
- Permanent magnets.

Technical characteristics

	255	405
Electrical power (kW)	0,37+0,18	0,37+0,18
Rated magnetic power of magnets (gauss)	12000	12000
Cleaning water consumption (l/h)	120	240
Max. capacity (l/h)	12000	18000

Use

- At vibrating sieve discharge.
- After storage tanks.
- Iron removal from liquids.

Advantages

- Neodymium magnets provide very high efficiency in iron removal.
- Constant efficiency thanks to the automatic cleaning system.
- High capacity.

CUCCOLINI®

IRON REMOVERS - Powders

GLM 1/300

Filter with magnetic bars made of Neodymium: small, modular and easy to clean manually.
Ideal for processing limited quantities of dry materials.

Design characteristics

- Modular box.
- Made completely of AISI 304 stainless steel.
- Permanent neodymium magnetic bars.
- Quick clamps - Manual cleaning.

Technical characteristics

GLM 1/300

Rated magnetic power
of magnets (Gauss)

12000

Magnetic bars

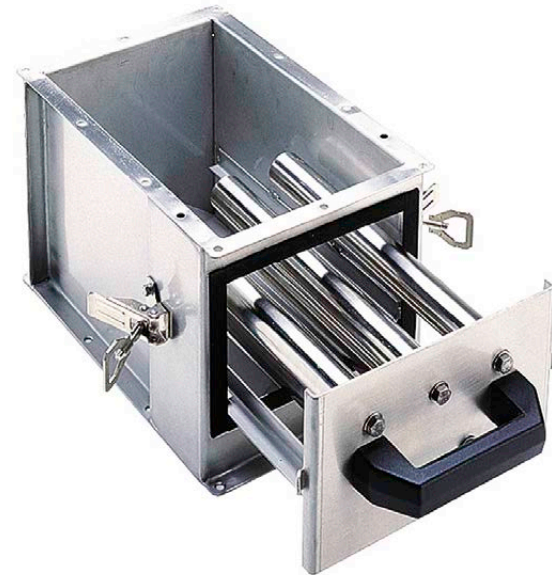
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Use

- Iron removal from powders.
- At sieve discharge.
- At conveyor belt discharge.

Advantages

- Good iron removal efficiency.
- Ease of installation.
- No maintenance.



CUCCOLINI®

IRON REMOVERS - Powders

CER 600-900-1200



Roller iron removers with automatic cleaning for powders and granulated materials. Operating and installation simplicity together with the remarkable specific power of the Neodymium permanent magnets used in the unit make the CER model the ideal machine for processing large quantities of materials

Design characteristics

- Made completely of AISI 304 stainless steel.
- Automatic cleaning.
- Permanent neodymium magnets.

Technical characteristics

	CER 600	CER 900	CER 1200
Electrical power (kW)	0,37	0,37	0,37
Drum length (mm)	600	900	1200
Drum diameter (mm)	300	300	300
Max. capacity (t/h)	20	30	40
Rated magnetic power of magnets (Gauss)	12000	12000	12000

Use

- Powder conveyor lines.

Advantages

- Simple construction.
- High efficiency of iron removal thanks to the extremely powerful neodymium magnets.
- Significant savings on maintenance costs.

CS 065.1 - 095.1 - 120.1

The ScreenX CS vibrating sieves or circular sieves are equipped with an "MFVexcite" multi-frequency vibration mode mesh-cleaning device. Especially effective for the separation of powders, granules and liquids considered non-screenable, obtaining maximum screening precision and the possibility of using mesh down to 20 microns. Mainly used in the chemical, ceramics, ecology and recycling, plastics, petrochemical, construction and mining sectors.

Design characteristics

- Equipped with exclusive MFV Excite technology to avoid mesh clogging.
- All parts in contact with the product in stainless steel.
- Available in single- and double-deck version, dust tight.
- Fitted with two eccentric motovibrators.

Technical characteristics	065.1	095.1	120.1
Electrical power (kW)	0,5 + 0,5	0,52 + 0,52	0,52 + 0,52
Sieving decks	1	1	1
Mesh surface (m²)	0,33	0,68	1,1

Use

- Fine and ultra-fine screening of all wet and dry products.

Advantages

- Very high screening efficiency
- Replaces the ultrasound mesh cleaning system with the mechanical MFV Excite system.
- Simple mesh screen replacement reduces costs.



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CUCCOLINI®

VIBRATING SIEVES - ScreenX

CD 095.2 - 120.2



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The ScreenX CD vibrating sieves or circular sieves are equipped with an "MFVexcite" multi-frequency vibration mode mesh-cleaning device. Especially effective for the separation of powders, granules and liquids considered non-screenable, obtaining maximum screening precision and the possibility of using mesh down to 20 microns. Mainly used in the chemical, ceramics, ecology and recycling, plastics, petrochemical, construction and mining sectors.

Design characteristics

- Equipped with exclusive MFV Excite technology to avoid mesh clogging.
- All parts in contact with the product in stainless steel.
- Available in single- and double-deck version, dust tight.
- Fitted with two eccentric motovibrators.

Technical characteristics

	095.2	120.2
Electrical power (kW)	0,52 + 0,52	0,85 + 0,85
Sieving decks	2	2
Mesh surface (m²)	0,68 x 2	1,1 x 2

Use

- Fine and ultra-fine screening of all wet and dry products.

Advantages

- Very high screening efficiency.
- Replaces the ultrasound mesh cleaning system with the mechanical MFV Excite system.
- Simple mesh screen replacement reduces costs.

CUCCOLINI®

VIBRATING SIEVES - ScreenX

RS 1506.1 - 2010.1 - 2310.1 - 2814.1

The ScreenX RS vibrating sieves or rectangular sieves are equipped with an “MFVexcite” multi-frequency vibration mode mesh-cleaning device. Especially effective for the separation of powders, granules and liquids considered non-screenable, obtaining maximum screening precision and the possibility of using mesh down to 20 microns. Mainly used in the chemical, ceramics, ecology and recycling, plastics, petrochemical, construction, and mining and quarry sectors for screening of sand.

Design characteristics

- Equipped with exclusive MFV Excite technology to avoid mesh clogging.
- Solid carbon-steel structure, also available in stainless steel on request.
- Fitted with one or two eccentric motovibrators, depending on size.

Technical characteristics	1506.1	2010.1	2310.1	2814.1
Electrical power (kW)	1,2	2,8	3,6	4
Sieving decks	1	1	1	1
Mesh surface (m²)	0,9	1,6	2,2	3,6

Use

- Fine and ultra-fine screening of all wet and dry products.
- Classification and scalping of all quarry and mining products.
- 2010.1 model available in special design for powders and liquids.

Advantages

- Extremely high efficiency compared to traditional screeners with the same or greater sieve surface.
- Designed for extreme operating environments and conditions.
- Reduced energy consumption and maintenance costs.




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NOTES

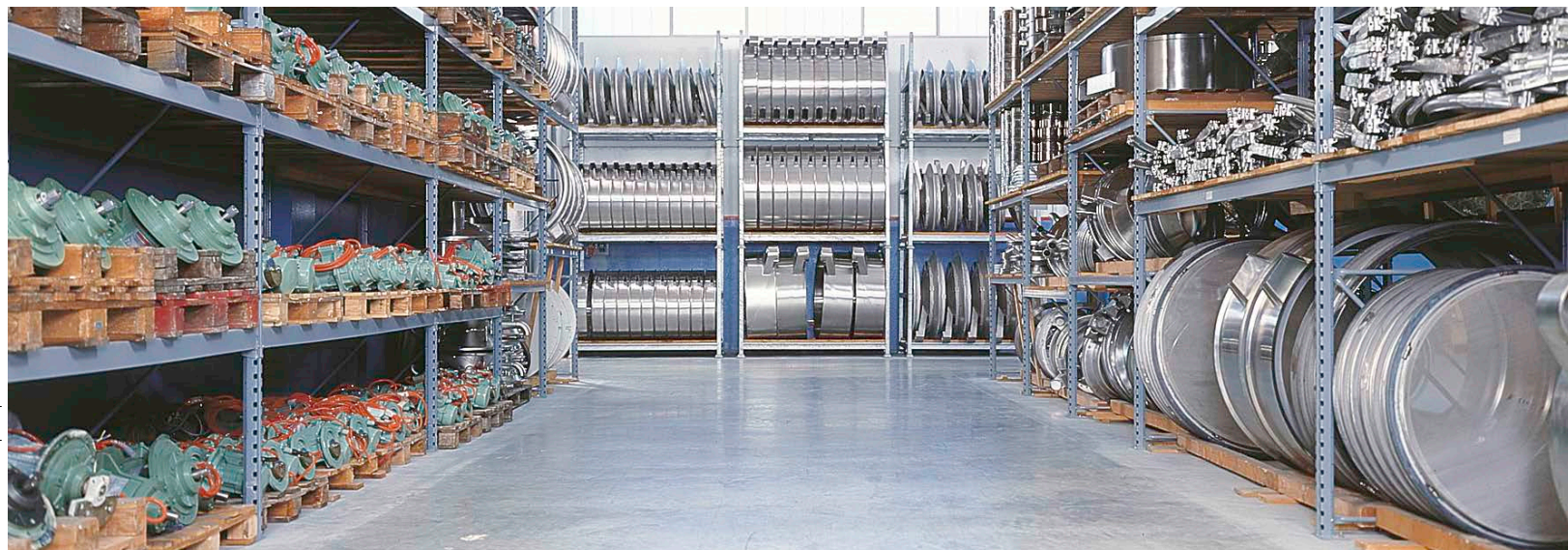


NOTES

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- The sound power level of all vibrating sieves in this catalog is below 70 dB (A); use of the cleaning system raises this value to 75 dB (A)
- The body and structure of all vibrating sieves are made of AISI 304 stainless steel
- 2B finish
- IP65 rated electrical system
- Safety cut-off switch fitted to the machine
- Cuccolini products meet EU safety directive 89/392 

Our Technical Assistance service is staffed by highly qualified personnel and guarantees timely maintenance service. They are also available on the phone to help clarify operation or maintenance questions for any type of product. Cuccolini Technical Assistance is able to provide immediate service thanks to the enormous range of spare parts always available in our warehouse.



Partial view of spare parts warehouse

MESH A.S.T.M.	5	6	-	7	-	8	10	12	-	14	-	16	18	20	-	-	25	-	30	35	40	-
DIN	9	-	10	-	11	-	12	13	-	-	14	-	15	-	16	-	-	17	-	18	-	19
MICRON	4000	3350	3150	2800	2500	2360	2000	1700	1600	1400	1250	1180	1000	850	800	750	710	630	600	500	425	400
N° MAGLIE x CM²	3,24	4,7	6,4	8,4	10,6	13		18,8	21,8	29,2	28,8	42,3	51,9	65,7	81	98	117	159		207	262	324
N° POLLICI FRANCESI	5	6	7	8	9	10		12	13	15	16	18	20	22½	25	27½	30	35		40	45	50

MESH A.S.T.M.	50	-	60	70	-	80	-	100	120	140	-	170	-	200	230	-	270	325	400	-	-	-
DIN	20	-	21	-	22	-	23	-	24	-	25	-	26	-	27	28	29	-	30	31	32	33
MICRON	300	-	250	212	200	180	160	150	125	106	100	90	80	75	63	58	53	45	38	32	25	20
N° MAGLIE x CM²	471	-	635	1050		1300	1570	1890	2500	3300	4200	5200		6300	8100	10000	11500	16000	20000	26000	32000	-
N° POLLICI FRANCESI	60	-	70	90		100	110	120	140	160	180	200		220	250	280	300	350	400	450	500	-

- All meshes selected by Cuccolini are made with drawn AISI 304 stainless-steel wire.
- The mesh is smooth weave type, the weft and warp wires intersect alternately one above the other.
- The quality level is very high, meeting American ASTM standards.
- Special nylon and polyester meshes also available.



Cuccolini®

virto

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