

ELCAN INDUSTRIES



Your Source for Comprehensive Screening Solutions

VBL 901/902-1201/1202-1501/1502

Circular sieve for viscous liquids. For over 25 years it has been the standard model to sieve slurries. The vibrations in all three axes ensure that the mesh is always free of residue and allow the machine to work continuously.

CONSTRUCTION FEATURES

- High splashguard with new quick fastening ring
- Contact parts made of AISI 304 stainless steel
- Stainless steel base complete with ABS inspection door
- IP 65 motor-driven vibrator with long life lubrication

INTENDED APPLICATIONS

- Viscous liquid sieving

ADVANTAGES

- High efficiency due to high centrifugal force applied
- Fast waste discharge

Technical Features	VBL 901	VBL 1201	VBL 1501
Electric power (kw)	.73	1.25	2.75
Centrifugal force (kg)	700	1300	2200
Sieving decks	1-2	1-2	1-2
Diameter (mm/inch)	900/36	1200/48	1500/60

VBM 901/902-1201/1202-1501/1502-2001/2002

Circular sieve for slurry and wastewater. This robust and reliable model has been enhanced in recent years with the addition of the 2000 size. The vibrations ensure that the mesh is always free of residue and allow the machine to work continuously.

CONSTRUCTION FEATURES

- High splashguard with new quick fastening ring
- Diameter 2000 available with bolted fastening
- Contact parts made of AISI 304 stainless steel
- Stainless steel base complete with ABS inspection doors
- IP 65 motor-driven vibrator with long life lubrication

INTENDED APPLICATIONS

- Low viscosity liquid and wastewater sieving

ADVANTAGES

- High efficiency due to high centrifugal force applied
- Fast waste discharge
- High reliability thanks to its resistant structure

Technical Features	VBM 901/902	VBM 1201/1202	VBM 1501/1502	VBM 2001/2002
Electric power (kw)	.73	1.25	2.75	5
Centrifugal force (kg)	850	1750	3000	6500
Sieving decks	1-2	1-2	1-2	1-2
Diameter (mm/inch)	900/36	1200/48	1500/60	2000/79

VBP 801/802

Small vibrating sieve for powder screening. High efficiency thanks to the weight/centrifugal force ratio. Side outlet with internal inclined plane to facilitate the outflow of the product. Quick replacement of the sieving mesh, thanks to the practical band fastening system.

CONSTRUCTION FEATURES

- Made completely of AISI 304 stainless steel
- Compact and easy to handle
- Motor-driven vibrator with long life lubrication
- Quick and practical mesh replacement system

INTENDED APPLICATIONS

- Screening fine powders (Available for liquid screening)

ACCESSORIES

- Dust-proof cover with inspection port and suction inlet
- Various systems for automatically deblinding sieve meshes
- Wheeled trolley or fixed stand in stainless steel
- Food version with FDA certifications

Technical Features	VBP 801	VBP 802
Electric power (kw)	.48	.48
Centrifugal force (kg)	600	600
Sieving decks	1	2
Diameter (mm/inch)	800/32	800/32

VBP 901/902-1201/1202-1501/1502-2001/2002

Vibrating sieve for powders. High efficiency thanks to its weight/centrifugal force ratio. Outlet at the side with internal incline to aid product outflow. The sieving mesh can be replaced quickly, thanks to the band clamping system.

CONSTRUCTION FEATURES

- Contact parts made of AISI 304 stainless steel
- Easy to install
- Motor-driven vibrator with long life lubrication
- Stainless steel base with ABS hatch
- Practical and quick mesh replacement system

INTENDED APPLICATIONS

- Sieving fine powders and control sieving

ACCESSORIES

- Dust-proof cover with inspection window and inlet
- Various systems for automatically deblinding sieve meshes

Technical Features	VBP 901/902	VBP 1201/1202	VBP 1501/1502	VBP 2001/2001
Electric power (kw)	.73	1.25	2.75	5
Centrifugal force (kg)	850	1300	2500	6000
Sieving decks	1-2	1-2	1-2	1-2
Diameter (mm/inch)	900/36	1200/48	1500/60	2000/79

SET 701-901-1201

Technical Features	SET 701	SET 901	SET 1201
Electric power (kw)	.9	1.6	1.8
Centrifugal force (kg)	1400	1750	2400
Sieving decks	1	1	1
Diameter (mm/inch)	700/28	900/36	1200/48
Mesh Surface (m ²)	.65	.85	1.13

Rectangular vibrating sieve for coarse solid sieving. High efficiency thanks to its weight/centrifugal force ratio. Direct discharge to ensure outflow of products that are prone to caking. The sieving mesh can be replaced quickly, thanks to the practical tensioning hook system.

CONSTRUCTION FEATURES

- Electrowelded and painted carbon steel frame
- Also available in AISI 304 stainless steel
- Elastic system with rubber anti-vibration mounts
- Unidirectional motor-driven vibrator
- Mesh with hooks and automatic pre-tensioning system

INTENDED APPLICATIONS

- Sieving between atomizer and storage silos
- On lorry loading lines

ACCESSORIES AND VARIANTS

- Support trolley
- Stainless steel frame

BTS 801-901-1201, BAG DUMP STATION

Equipment for the manual emptying of bags containing powder or granular products. The product contained in the bag is emptied into the hopper and subsequently sieved. Suitable for food products.

CONSTRUCTION FEATURES

- All contact parts are in stainless steel
- Quick disassembly of the grid
- FDA approved seals
- Compact and easy to handle

INTENDED APPLICATIONS

- Feeding storage or dosing unit.
- Particularly suitable for the food industry

ACCESSORIES AND VARIANTS

- Dual position version.
- Sieve with built-in magnet
- Various systems for automatically deblinding sieve meshes
- Wheeled trolley

Technical Features	BTS 801	BTS 901	BTS 1201
Electric power (kw)	.60	1.25	1.25
Centrifugal force (kg)	800	1400	1400
Sieving decks	1	1	1
Diameter (mm/inch)	800/32	900/36	1200/48

HPC 601-901

Technical Features	HPC 601	HPC 901
Electric power (kw)	.35	.62
Centrifugal force (kg)	500	715
Sieving decks	1	1
Diameter (mm/inch)	600/24	900/36

Vibrating security screener for powders and liquids. The reduced vertical dimensions facilitates the insertion of the machine into existing systems providing remarkable production capacity in small spaces. This machine is designed to be used in the most demanding food and pharmaceutical production cycles. It's quick disassembly and ease of cleaning in addition to its crevice-free design, make it perfect for this application.

CONSTRUCTION FEATURES

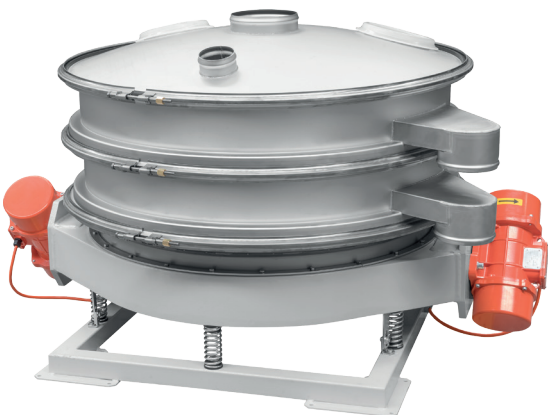
- Quick closures for fast disassembly without tools
- Made completely of stainless steel
- FDA approved seals
- Rubber suspension mounts (no springs)
- Compact and easy to handle

INTENDED APPLICATIONS

- High performance security screening
- Ideal for the food and pharmaceutical industry

ACCESSORIES AND VARIANTS

- Dust-proof cover with inspection port and suction inlet
- Sieve with built-in magnet
- Various systems for automatically deblinding sieve meshes
- Wheeled trolley

VB2 451-601-801/802-901/902-1201/1202-1501/1502

Circular sieve with open bottom for sorting powders and fluids. Its special constructional shape guarantees vertical compactness. Especially suitable for sorting micronized products or colourants because it eliminates sieving "tails" or lumps.

CONSTRUCTION FEATURES

- Center discharge
- Quick fastening ring
- Contact parts made of AISI 304 stainless steel
- Two side motovibrators, IP 65 insulation, ATEX zone 22 certified

INTENDED APPLICATIONS

- Inline Screener

ADVANTAGES

- High capacity
- FDA Approved design
- Easy to install thanks to its low profile

Technical Features	VB2 451	VB2 601	VB2 801/802	VB2 901/902	VB2 1201/1202	VB2 1501/1502
Electric power per motor (kw)	.18	.16	.30	.62	.62	.90
Centrifugal force (kg)	374	388	854	1342	1342	2810
Sieving decks	1	1	1-2	1-2	1-2	1-2
Diameter (mm/inch)	450/18	600/24	800/32	900/36	1200/48	1500/60

FM 80



Technical Features	FM 80
Magnetic Gauss Rating	12,000
Max Operating Pressure (bar)	1.5
Max Operating Temperature (C)	60

Filter with interchangeable cartridge. Ideal for the protection of processing machines. Available with magnetic bar.



32 MESH



50 MESH



80 MESH



100 MESH



120 MESH



150 MESH

DEMOVER PLUS 250-400-800-1600



Liquid magnetic separator with automatic cleaning. The amazing strength of the permanent magnets made of neodymium used to construct the rollers and the exclusive automatic cleaning system make the DEMOVER a practical and efficient magnetic separator.

CONSTRUCTION FEATURES

- Programmable automatic cleaning
- High gradient permanent magnet rollers
- Parts in contact made of AISI 304 stainless steel
- Lifelong motoreducer lubrication
- AISI 304 Stainless steel accident prevention

INTENDED APPLICATIONS

- Low viscosity liquid magnetic separation

ADVANTAGES

- Constant efficiency insured by the automatic cleaning
- Permanent magnets guarantee it to work in any condition
- High flow rates in minimum sizes

Technical Features	DEMOVER 250+	DEMOVER 400+	DEMOVER 800+	DEMOVER 1600+
Electric power (kw)	.37 + .18	.37 + .18	.55 + .18	.55 + .18
Magnetic Gauss Rating	16,000	16,000	16,000	16,000
Max Capacity (g/h)	3,170	4,755	9,510	19,020



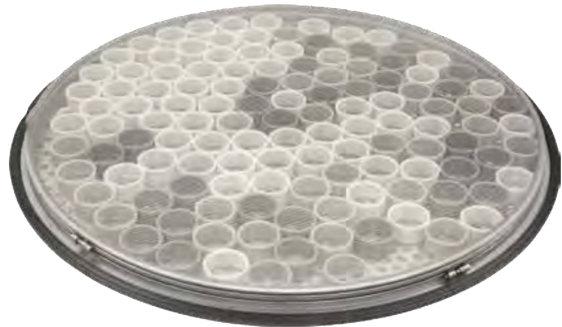
Suspended cover



Deblinding balls



Cover with wear resistant diffuser



Deblinding cups/sliders



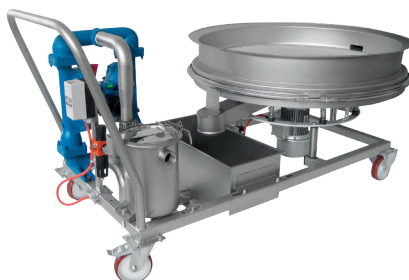
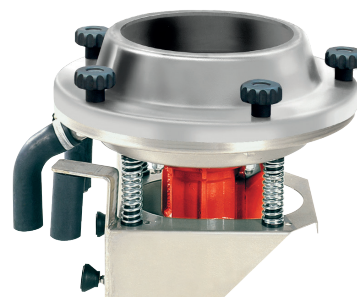
Hi-flo underpan with non-stick coating



Above screen deblinding sliders



Lab/Table Top Screeners



Lightweight Mobile Screeners



ELCAN Industries, for all of your particle separation needs

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