

Continuous centrifuge screens



Veco is the original developer and world's largest manufacturer of high quality chrome-plated electroformed nickel screens for continuous centrifuges. We have the largest variety of screen types readily available. We continuously work on improving and expanding our product line to help your business get ahead.

Technical specifications

Screens type	slot type	slot size mm	open area%	thickness mm
VecoStandard A	40/10	0.04 x 1.66	4.2%	0.31
	40/10	0.06 x 1.67	6.4%	0.29
	40/10	0.09 x 1.69	9.6%	0.28
VecoStandard B	36/9	0.04 x 2.09	4.2%	0.35
	36/9	0.06 x 2.11	6.4%	0.34
	36/9	0.09 x 2.14	9.6%	0.32
VecoFlux	70/10	0.04 x 2.18	9.6%	0.33
	70/10	0.06 x 2.20	14.4%	0.33
	70/10	0.09 x 2.23	21.3%	0.33
VecoFlux-Special	79/17	0.04 x 1.19	9.9%	0.33
	79/17	0.06 x 1.20	15.0%	0.33
	79/17	0.09 x 1.21	22.7%	0.33
VecoLife	45/8	0.06 x 2.65	9.0%	0.42
	45/8	0.09 x 2.68	13.5%	0.42

Veco basically supplies three types of screens for continuous centrifuges:

- VecoStandard for normal applications
- VecoFlux and VecoFlux-Special for higher throughput and/or lower final molasses purity
- VecoLife for longer life

All three types meet and even surpass the quality standards that most customers require.

The electroforming process imparts a mirror-smooth surface, without burrs or bumps. The conical hole shape reduces blinding and clogging.

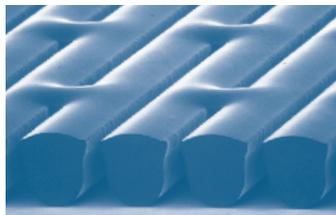
All screens are made so that the length of the slot is radially aligned in multiple arc segments.

This ensures maximum crystal separation efficiency. Whether you require more throughput, lower final molasses or lower maintenance costs, Veco is your best choice.



The VecoStandard screen - for normal sugar filtering applications. Features are

- Mirror-smooth working surfaces of pure nickel, without any burrs or bumps, chrome-plated for longer lifetime, for a soft travel of sugar crystal with less break-up.
- The conical hole shape reduces blinding and clogging.
- Slot arrangements radially aligned in multiple arc segments to suit the travel direction of sugar crystals to obtain optimum purity value at maximum capacity.
- Dimensions in accordance with centrifuge manufacturer specifications.



VecoFlux

VecoFlux nickel sugar screen - better purging value, lower water consumption and increased durability. Veco is market leader in the field of high-grade screens for centrifuges in the sugar industry. The VecoFlux screens have a very good reputation for high process efficiency. Thanks to the high open area (twice as large as standard screens), and to the increased thickness, VecoFlux offers better purging value, lower water consumption and increased durability. VecoFlux can be used with 0.09mm or 0.06mm slot widths to increase the centrifuge throughput up to 150% of the standard value. It can also be used, with 0.04mm slot width, in low-grade massecuite in order to capture the tiniest crystal of sugar without losing throughput.



VecoFlux-Special screens - highest sugar crystal throughput and/or lowest final molasses purity

The VecoFlux-Special screens have the highest open area and the new design of the slotted areas has increased the lifetime of the VecoFlux range even further. VecoFlux-Special screens can be used with 0.09mm or 0.06mm slot widths to increase the centrifuge throughput up to 170% of the standard value. It can also be used, with 0.04mm slot width, in low-grade massecuite in order to capture the tiniest crystal of sugar without losing throughput. This results in lower final molasses purity of up to 2 points, with obvious financial savings.



VecoLife screens - last up to twice as long in comparison to standard screens

The increase in thickness substantially reduces the deformation of the electroformed nickel screen into the support coarse wire screen. This deformation is the main cause of the chrome-plating layer becoming damaged. VecoLife lasts up to twice as long as a standard screen.

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