



Perfect surfaces. Worldwide.
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Technology News
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Perfect surfaces through

SC Settling Cascade

OTEC's settling cascade was specially developed for use when parts are finished using plastic chips (media) in combination with our RCA flocculant. The OTEC settling cascade is very versatile and has numerous applications.

Typical applications include:

- Closed-loop recycling of process effluent, saving costs on both water and compound
- Reduced reprocessing costs for the treatment of waste water prior to its discharge into the public sewage system
- Lower disposal costs for the waste water when it is passed on to a licensed disposal company
- Cost-effective and efficient recovery of precious metal sludge from process effluent

How it works:

The effluent from the grinding process is fed to the settling cascade by means of a lift unit. The contaminants are sedimented out in a multi-stage cascade process, passing discontinuously through a coarse filter unit to ensure that the system retains its efficiency over a long period. The resultant filtrate still contains fine particles and is therefore pumped back to cascade tank. At the end of the multi-stage cascade process, the pre-filtered water is cleansed through a fine filter unit and can then be fed back in a closed loop to the finishing units by means of a pressure boosting unit.

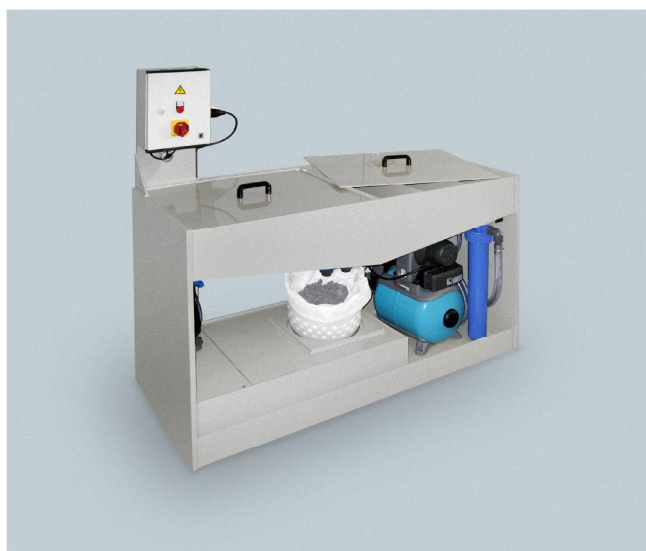


Photo: SC Settling Cascade

If you have any questions about this topic, please contact:

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