



OUTOTEC HYBRID CC FILTER PLATES

New innovative plate design improves profits through an increase in capacity, decrease in residual moisture with easier and safer maintenance.

BENEFITS

- Improved capacity
- Low residual moisture
- Reduced operational costs due to improved mechanical life
- Increased reliability
- Easier and safer plate handling

Outotec Hybrid CC Filter Plates are different to conventional filter plates. The design incorporates a plastic frame with ceramic sheets and integrated fastening hubs, making the plates 40% lighter allowing for quicker, safer maintenance to the filter, as well as a decreased likelihood of damaging the plate during installation.

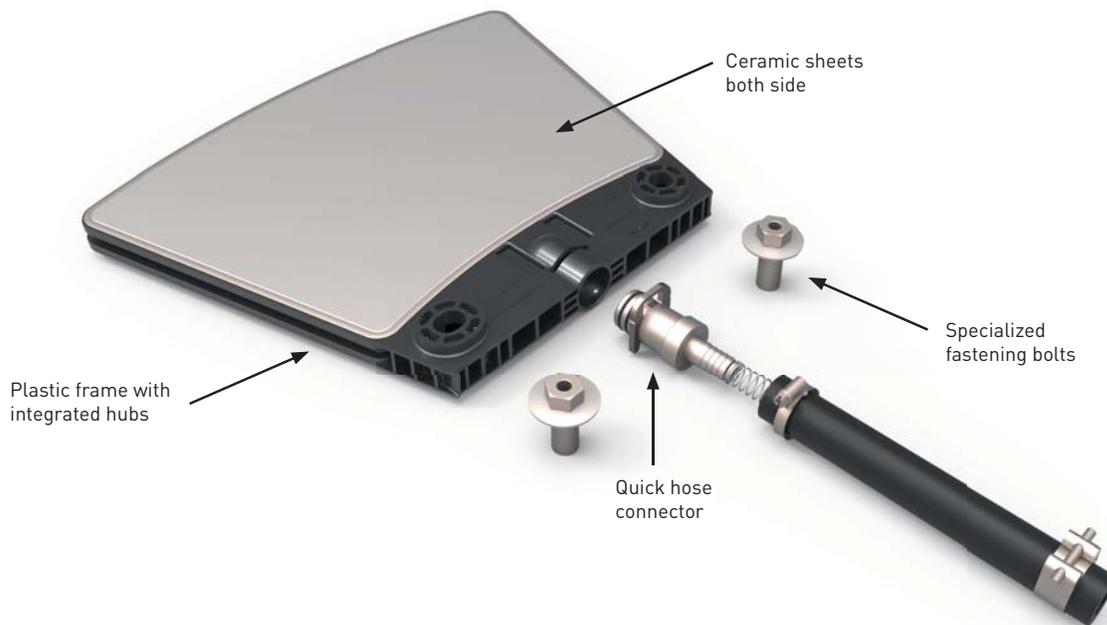
A key driver for the product development was gaining a better understanding of our customer's needs and challenges and how we could assist in addressing these issues.

The typical requirements for our customers in the dewatering process is production capacity, residual moisture in the cake and operational costs. We understand that our customers require a reliable and cost effective filtration method for dewatering slurries. Reduced residual moisture levels is key to the filtration process, our filter plates have shown a considerable reduction in residual moisture levels with better binding resistance and improved backwash results.

Our Hybrid CC plates were therefore designed in close collaboration with our customers as an innovative solution to reduce maintenance costs through improved

mechanical life span offering a lower flow resistance inside the plates resulting in higher flow rates boosting the performance of the filter.

The specialized plate fastening bolt automatically ensures the correct torque during installation for optimal tightening resulting in reduced operational costs through shorter shutdown times and improved mechanical life.



Outotec provides leading technologies and services for the sustainable use of Earth's natural resources. As the global leader in minerals and metals processing technology, we have developed many breakthrough technologies over the decades for our customers in metals and mining industry. We also provide innovative solutions for industrial water treatment, the utilization of alternative energy sources and the chemical industry. Outotec shares are listed on NASDAQ Helsinki. www.outotec.com

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