

Metso

Filtration spare and wear parts

Hybrid CC Filter Plates



The pioneering plate design combines ceramic filtration media with an engineered plastic frame, integrating the best of both technologies.

This modern design improves profits through an increase in capacity, decreases residual moisture and guarantees easier, safer maintenance.

The Hybrid CC filter plates have proven to vastly decrease costs per ton and decrease maintenance periods allowing our customers to reach their KPI's and concentrate on other aspects of their business.

Available plate sizes:

Medium plates	CC-15
	CC-30
	CC-45
	CC-60
Large plate	CC-144

Hybrid CC filter plates are different from conventional plates

Benefits

- Improved capacity
- Low residual moisture
- Reduced operational costs
- Increased reliability and uptime
- Improved plate alignment
- Easier maintenance

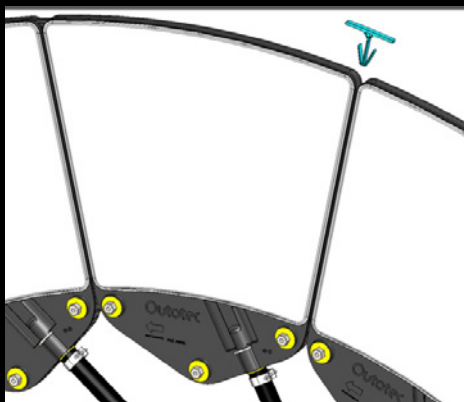
The design incorporates a quick hose connector, a plastic frame with ceramic sheets and integrated fastening hubs, making the plates 40% lighter (large CC-144 filter plate weight reduced from 36kg to 18kg) allowing for quicker, safer maintenance to the filter, decreasing the likelihood of damaging the 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 are 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 are key to the filtration process, our filter plates have shown a considerable reduction in residual moisture levels with improved binding resistance and higher flow rates, enhancing filter performance.

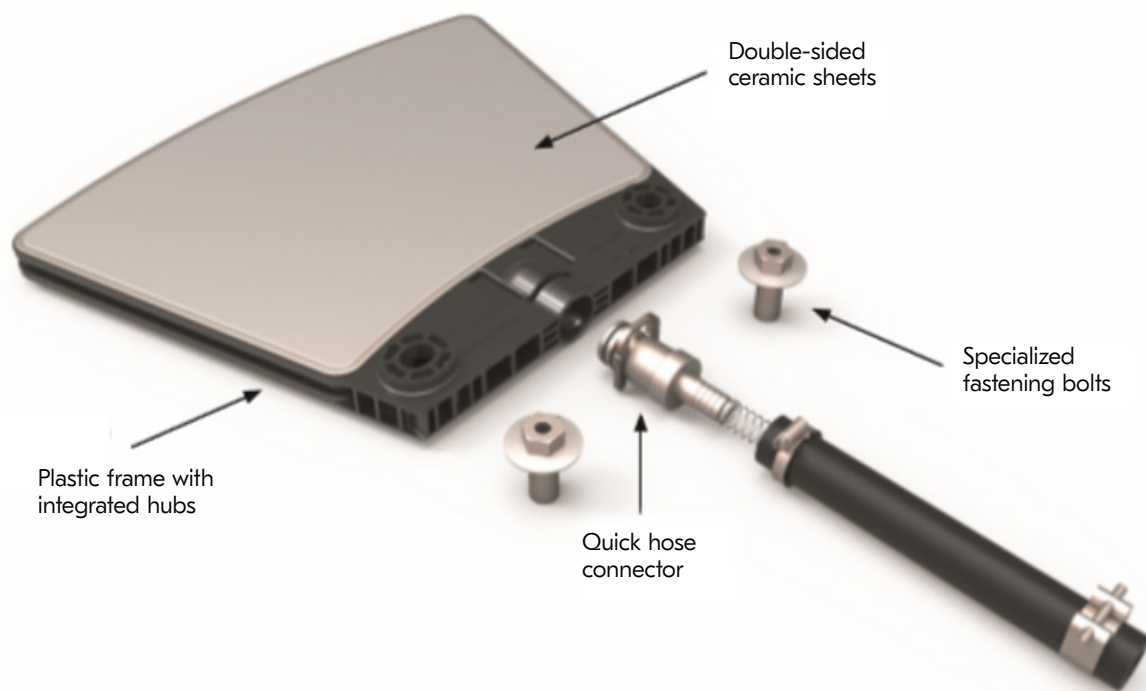
The specialized plate fastening bolt automatically ensures the correct torque during installation for optimal tightening resulting in reduced operational costs through shorter shutdown times and improved mechanical life.

An additional feature is a complementary anchor between the plates which improves plate alignment for easier, closer adjustment of the scrapers. The result is the removal of a larger portion of the cake on each rotation and avoids contact with scrapers.



Features

- Plastic frame with integrated hubs
- Quick hose connector
- Ceramic sheets on both sides
- Specialized fastening bolts
- Alignment anchor



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