

RBDCD TANDEM SYSTEM

HORIZONTAL PRESSURE LEAF FILTER SYSTEMS

The amafilter® horizontal pressure leaf filter RBDCD is equipped double sided stainless steel filter leaves which are individually mounted on a manifold located at the centre of the filter system. This allows for any number of leaves to be easily and quickly removed for maintenance or inspection.

For the discharge of the cake, the carriage with the filter leaves is moved outside the filter tank with either an electric or a hydraulic system, which also operates the bayonet closure. The cake is then discharged by a pneumatic vibrator.

The RBDCD horizontal pressure leaf filter is also available as a tandem unit, where two pressure leaf filter systems are positioned cover to cover. The tandem system is created by the two filters sharing the rail for opening the retractable bundle.

The tandem system enables a continuous filtration operation process while substantially reducing the floor space required.



FEATURES AND BENEFITS

- Both the electric and the hydraulic systems controls make it easy and safe to operate the filter system.
- The filter remains open whilst the cake is being discharged, making it easy to monitor the cake falling off the filter leaf element. This ensures an optimal and safe discharge process.
- The carriage can be moved outside the filter making access easy for both maintenance and cake discharge. Limited space is also required unlike with a vertical system where space above the filter is a must.

