

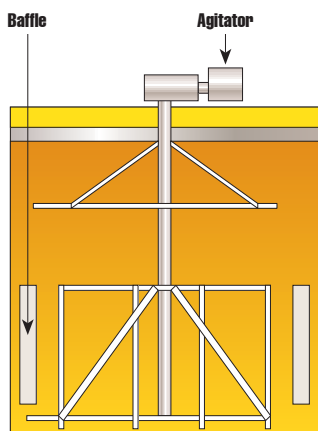
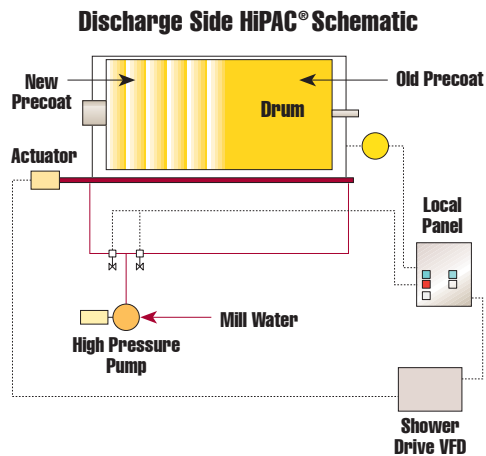
Lime Mud Filtration



Lime mud filtration



2-118 m² EIMCO® Lime Mud Precoat Filters operating at an Indonesian Pulp Mill.



Lime mud precoat filters

The EIMCO® Lime Mud Precoat Filter is available in a wide range of sizes up to 155 m² of filtration area. All sizes share the design features of high capacity filtrate piping, simple rotary vacuum outlet, stainless steel hoods, rugged box section scrappers and hard alloy scraper blades for long service life.

Size Range: 10 - 155 m² of active filtration area

Maximum Capacity: 900 M.T.P.D. of lime mud solids

HiPAC® System

The EIMCO® HiPAC® (High Pressure Automatic Cleaner) is a standard feature of all new EIMCO® Lime Mud Precoat Filters and can be installed as a retrofit on operating machines. The HiPAC® uses an oscillating shower header with the driver on the outside of the filter, away from mud. New filters carry the header below the scraper where the Precoat is the thinnest. The retrofit can be either under the scraper or on the rising side, wherever the installation is easier.

Lime mud storage tank

Mud storage is available in either the traditional stirred design or fully agitated. The stirred design uses "picket fence" type paddles to stir the bottom of the tank, preventing the mud from settling. This style allows the tank to be pumped completely dry. The agitated design homogenizes the contents of the tank and has a better ability to resuspend solids after a power outage. Auxiliary engines, engine/generator sets and torque sensing are available.

Size Range: Up to 12 meter diameter

The EIMCO® Lime Mud ClariDisc® Filter is the latest advancement in lime mud dewatering technology. The Lime Mud ClariDisc® uses the center barrel and sectors of the White Liquor ClariDisc® Filter but applies vacuum just like the drum filter. The disc design allows a much greater filtration area in a smaller footprint with a lighter floor load per unit area. Agitation is achieved by eductor, which allows lower vat solids that a mechanical agitator can safely support. The lower solids, either by feed dilution or filtrate recirculation, improve the soda recovery and discharge solids.

Hard alloy scraper blades are used and the disc-type HiPAC® is standard.

Size Range: 4 - 18 Discs

Maximum Capacity: Over 1,300

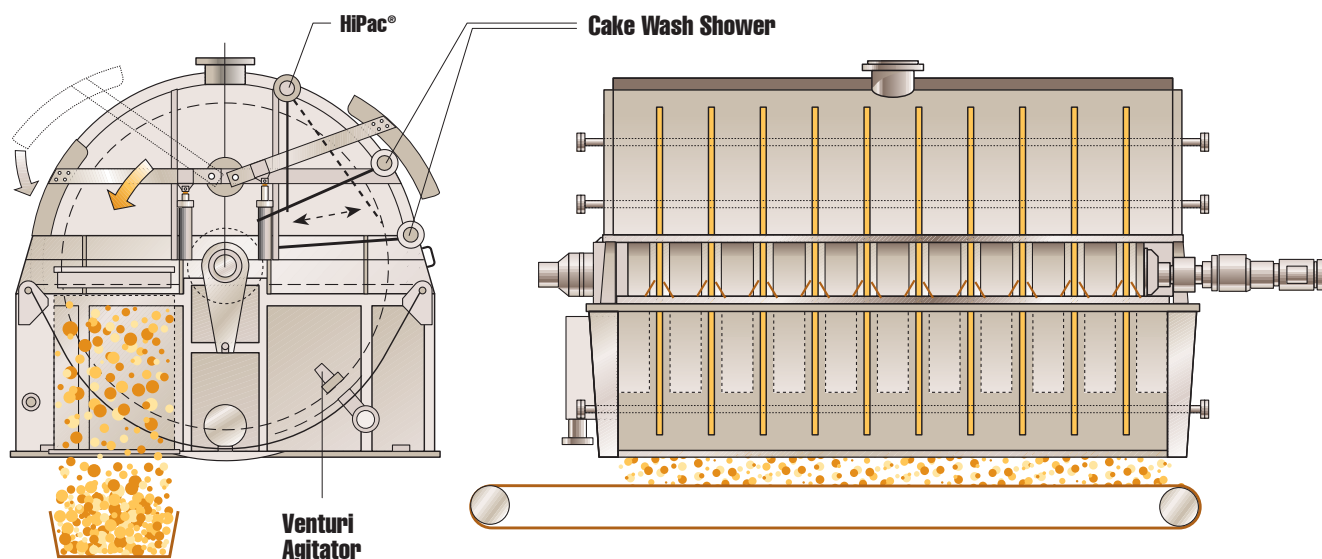
M.T.P.D. of lime mud solids



10-disc Lime Mud ClariDisc® ready for shipment to a Canadian Pulp Mill.



8-disc Lime Mud ClariDisc® operating at a Pulp Mill in Portugal.



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