

The Filt-A-Dry is designed to provide more versatility to Processall's arsenal of process equipment. With the capability to mix, slurry, filter and dry in one vessel, less pieces of equipment are required to do the job. This will ultimately save space, money and still provide excellent efficiency.

Principle of Operation: The machine is designed with filter sections attached to the lower quadrant of the processing vessel. The filter elements are easy to change without entering the machine. Quick screen changes is one of the major attributes of the Filt-A-Dry. Backflushing of the filter is occasionally used to clean pores and avoid blockage. With the excellent mix action in the Processall vessel, the filter cake is freshly renewed to allow for better extraction. Additional slurrying and washing steps can be conducted in the same vessel. The filter cake can be vacuum dried after the filtration step.

Some of the advantages of this system:

1. Multi-processing in one vessel.
2. Eliminate product handling between washing and drying steps.
3. Less space is required to accomplish all the processing in single machine.
4. Excellent drying capabilities with Processall mechanically fluidized action.
5. Better environmental containment with a closed system.
6. Single supplier for the filter/dryer and ancillary equipment makes it easier for the user to maintain the equipment and get quick answers to their processing needs.

Processall maintains a fully equipped technical center to provide customer testing. Also, trial units can be leased for customer in-house testing.