



PANELBOARD FIBER CENTRIFUGE AFC

ENERGY-EFFICIENT SEPARATION OF FIBERS AND STEAM

FOCUS ON STEAM SAVINGS

Steam consumption is a key cost factor for any MDF producer. As a result, it is all the more essential to make best possible use of process steam and minimize the consumption of fresh steam needed in the pressurized refining system.

The ANDRITZ Fiber Centrifuge AFC efficiently separates surplus steam from the fiber flow in the blow line. Recovered steam is then reused to pre-heat wood chips in the atmospheric pre-steaming bin and generate best possible conditions in terms of temperature and moisture.

In parallel, the workload of the downstream dryer is reduced significantly by removing surplus steam from the fiber flow before drying.

The AFC is suitable for a broad capacity range and can be easily retrofitted to existing systems.

ANDRITZ

ENGINEERED SUCCESS

Reduced steam demand thanks superior separation

Several machines installed worldwide in the panelboard and pulp & paper industries contribute significantly towards thermal energy savings thanks to the sophisticated design of the ANDRITZ Fiber Centrifuge AFC.

A frequency converter controls rotation speed to ensure sufficient separation of steam and fibers over the complete production range.

The proven bearing design enables long equipment lifetime, while the double-acting mechanical seal prevents seal water from entering the fiber flow.

YOUR BENEFITS

- Efficient fiber/steam separation
- Reduced dryer load
- Drastically reduced fresh steam demand for the complete process
- Easy to retrofit in existing plants
- Wide operational window of minimum/maximum capacity



ANDRITZ Fiber Centrifuge AFC

		AFC650	AFC850
Motor speed 50/60 Hz	rpm	1,500/1,800	1,500/1,800
Pressure rating	bar	11	11
Rotor diameter	mm	650	850

All data subject to change.

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