



REDUCE ENERGY AND EMISSIONS IN TISSUE DRYING

PrimeDry HotAir Box

NEXT LEVEL TISSUE DRYING

The patented ANDRITZ *PrimeDry* HotAir Box is a powerful and compact upgrade for tissue machines, designed to significantly increase drying capacity while reducing energy consumption and pollutant emissions. By injecting hot air directly into the drying section,

it boosts evaporation rates and enhances overall machine efficiency. The system is easy to integrate into both - new machines and existing lines - offering a fast return on investment and measurable production improvements. With proven performance in multiple installations, the *PrimeDry* HotAir

Box helps tissue producers meet today's demands for higher output, lower costs, and more sustainable operations - all without compromising product quality. It's a smart solution for mills looking to overcome drying limitations and unlock the full potential of their tissue production.

ANDRITZ

Increased productivity, reduced energy consumption

TACKLING LIMITATIONS

The drying capacity and the machine speed are the biggest limitations in tissue production. The viscosity of water has historically restricted water removal by the suction roll. Therefore either drying capacity or machine speed limits most tissue machines. ANDRITZ has addressed both these limitations with its new *PrimeDry* HotAir Box technology for Dry Crepe tissue machines, for new machines or upgrades.

TECHNOLOGY INSIGHTS

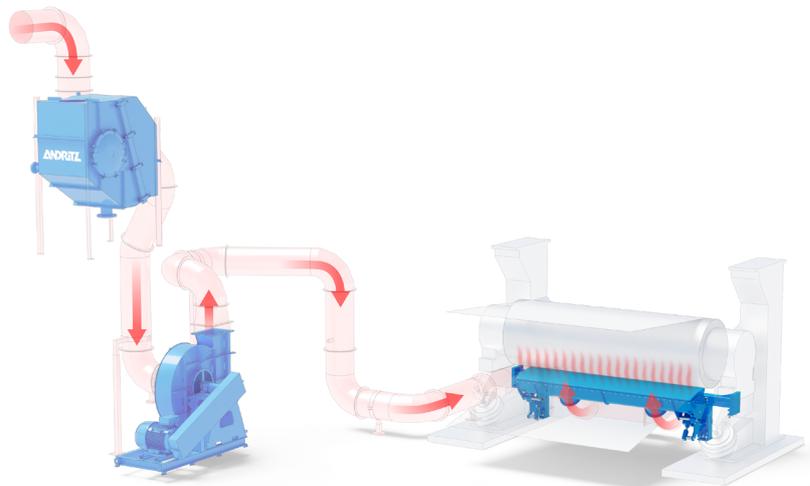
The *PrimeDry* HotAir Box channels part of the hood exhaust flow, which follows the air-to-air recovery exchanger and blows this air directly across the paper web just before the suction roll. This has the effect of raising the temperature of the paper web. Therefore, the viscosity of the water in the paper web is reduced, which leads to increased dryness after the press. As a result, less energy is required for the drying process. This lowers overall energy demand and minimizes pollutant emissions, supporting more sustainable tissue production.

ALWAYS AT YOUR SERVICE

The *PrimeDry* HotAir Box seamlessly blends in with the decades of experience, ANDRITZ has in the global tissue industry. It is a perfect example of its comprehensive competence, from individual components and rebuilds to complete *PrimeLine* tissue machines. Saving resources is the common theme throughout our portfolio and with *PrimeDry* HotAir Box we have set the benchmark even higher and are constantly working on future generations of this and other technologies to improve outcomes for customers.

BENEFITS

- Significant increase in post-press dryness
- Increase in speed while keeping same drying loads
- Reduction of required energy
- Reduce of pollutant emissions
- Suitable for rebuilds of single press machines



PrimeDry HotAir Box set-up

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