

Press efficiency, engineered by ANDRITZ

In the press section, small changes can deliver big results. Higher solids, better runnability, fewer breaks and lower energy costs all start with knowing where the water goes – and how every unique component in your press section affects the outcome.

That's where Rezolve™ makes the difference.



REZOLVE: PREDICTIVE MODELING FOR YOUR MACHINE

Built from decades of field-tested data and proprietary algorithms, Rezolve delivers a fully customized, machine-specific simulation of your press section – identifying exactly where performance gains can be unlocked.

Developed by ANDRITZ and trusted by mills around the world since 2000, Rezolve goes far beyond traditional modeling. Every deployment is tailored to your exact conditions: your fiber mix, your rolls and covers, your felt designs and your press performance.

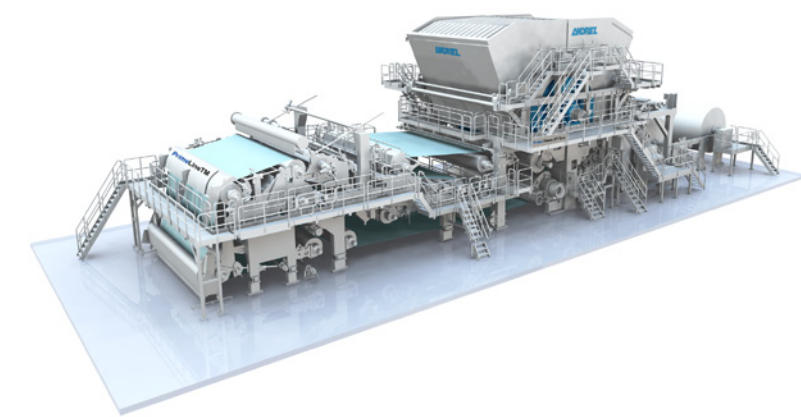
It's not a software license. It's not off-the-shelf. Rezolve is a premium, end-to-end engineering service that combines deep operational expertise, predictive modeling and real-world press section data to drive smarter, faster decisions – with a proven return on investment.

When you need results, not guesswork, Rezolve delivers.

REZOLVE: REDEFINING PRESS PERFORMANCE

Rezolve reflects the best of what ANDRITZ brings to the pulp and paper industry: innovation with intent grounded in decades of real-world application. Unlike generic software or partial solutions, Rezolve offers something no other tool can: a complete, predictive simulation of your press section – built from proprietary ANDRITZ data, proven algorithms and over 3,600 successful mill deployments worldwide.

Only ANDRITZ delivers a solution this comprehensive – and a team to match it.



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MEET REZOLVE™ TOTAL PRESS SECTION OPTIMIZATION

A proprietary modeling solution that
transforms precision insights into
measurable performance gains



How Rezolve works

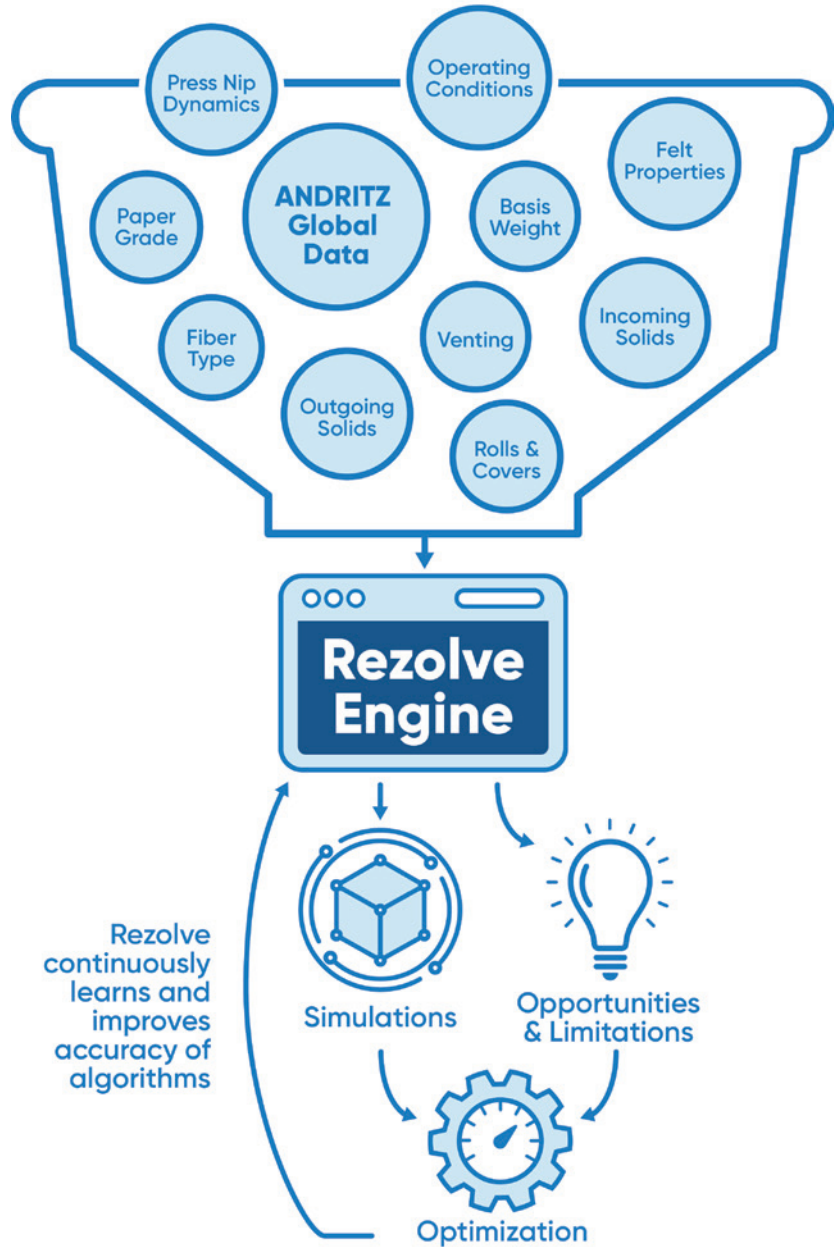
Rezolve builds a complete digital simulation of your press section, factoring in critical system variables.

Every Rezolve model is informed by ANDRITZ-exclusive dynamic testing – using compression-based load frame technology that mirrors real-world press nip behavior.

No other supplier in the market offers equivalent modeling, methodology or machine-specific insights.

FEATURES

- Virtual “what-if” scenarios to simulate potential changes without downtime
- Dryness predictions beyond the press section – reducing dryer energy costs
- Optimization insights that eliminate trial-and-error guesswork
- Long-term asset planning for rolls, felts and press system upgrades



Why Rezolve is different

The difference between running by feel – and optimizing with certainty.

Traditional nip models only calculate mechanical loads. Rezolve goes further, mapping how water behaves inside your press section – the true driver of sheet dryness, energy efficiency and runnability.

PERSONALIZED BLUEPRINT FOR ACTION

Every Rezolve model is built from your actual operating conditions – not assumptions, generic averages or benchmarks.

Whether optimizing a roll cover, a press felt or an entire press section, Rezolve delivers the data-driven confidence to change – and the engineering partnership to ensure results.

Rezolve identifies:

- Hidden limitations that constrain production
- Opportunities to improve solids content and fiber utilization
- Systemic causes of chronic paper breaks or moisture variability
- Actual drainage of press felts throughout the life of the felt
- Long-term risks from roll wear and associated reduction of venting

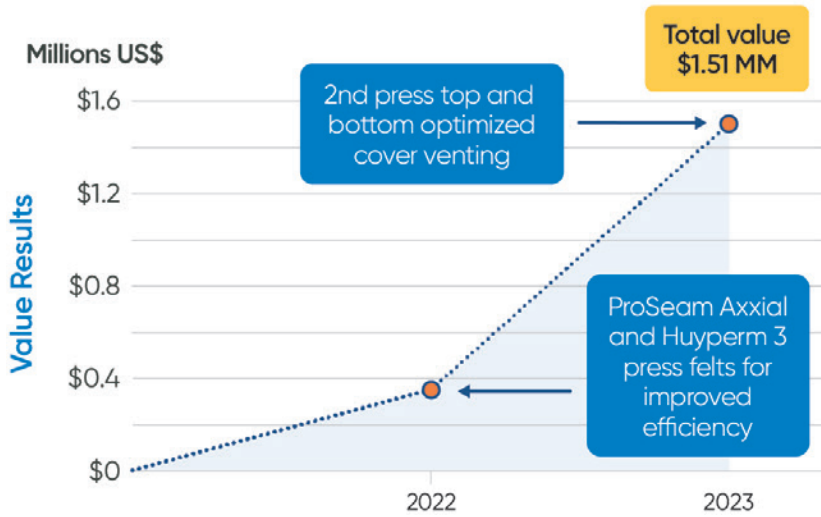
A gateway to measurable results

Across more than 3,600 press deployments worldwide, Rezolve has helped mills achieve millions of dollars in production increases, energy savings, sheet quality improvements and fiber savings.

WITH REZOLVE, YOU GAIN:

- Greater machine speeds and production output
- Lower energy use in the dryer section
- Fewer unplanned changeouts and extended asset life
- Improved runnability and consistency with fewer sheet breaks

Machine: Coated cartonboard



Machine: Uncoated linerboard

