



UNMATCHED FORMATION POWERFUL PERFORMANCE UNLIMITED POSSIBILITIES

PrimeForm TW shoe-blade gap former

GAP FORMING EXCELLENCE

The ANDRITZ *PrimeForm TW* shoe-blade gap former represents a new performance class in modern papermaking. With over 25 years of continuous development and successful operation across a broad range of mills and grades, it has proven itself as one of the most re-

liable, versatile, and forward-looking forming concepts in the industry. It was designed to deliver excellent formation, high dewatering performance, and stable sheet structure even at high speeds and under demanding conditions, making it the preferred choice for both rebuild and new installations.

Beyond its forming performance, the *PrimeForm TW* is designed to deliver tangible operational benefits that translate into lower cost per ton. High sheet solids exiting the forming section reduce the load on the press and drying sections, supporting energy savings and improved cost efficiency.

ANDRITZ

Peak performance across all grades

A key reason for the success of *PrimeForm TW* shoe-blade gap former is its unique approach to forming: it combines the stability of a stationary forming zone with the precision of engineered pressure control. The system creates a smooth, continuous pressure curve that preserves fiber uniformity, reduces pulsation effects, and allows for the formation of strong, even, and clean sheets. This engineered forming environment has made *PrimeForm TW* a benchmark for mills seeking a significant step forward in both productivity and sheet quality.



ENGINEERED IMPINGEMENT SHOE

At the core of the shoe-blade gap former lies the Engineered Impingement Shoe (EIS)—a patented, continuous, pulsation-free forming shoe with variable radius geometry.

EIS enables precise control of pressure distribution, allowing operators to fine-tune fiber orientation, MD/CD ratios, sidedness, and sheet structure in real time.

Key advantages of EIS:

- **Continuous, pulsation-free forming for stable structure**
- **Variable radius for optimized drainage and formation**
- **On-the-run wrap control for formation and strength**
- **Stable jet landing even under demanding conditions**
- **Engineered pressure profile beyond bladed designs**

VERSATILE BY DESIGN

The former's inherent flexibility is a major advantage for mills preparing for future grade diversification or capacity increases.

PrimeForm TW is available in vertical, horizontal, and angled configurations and supports both single-shoe and two-shoe designs depending on production targets. Its ability to maintain strong performance even at very low MD/CD ratios enables producers to reach strength targets with optimized fiber usage, while still delivering excellent formation and surface quality.

Whether upgrading an existing forming section or building a new high-capacity line, the *PrimeForm TW* shoe-blade gap former is designed to meet evolving market demands with confidence and precision.



AUSTRIA

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