



DFK SHEETER



PRODUCT OVERVIEW

The MAXSON **DFK Sheeter** is a mill-duty dual rotary knife system designed for high-volume paper and board production. Built for continuous operation, it maximizes throughput through multi-web processing while delivering precise sheet accuracy and consistent cut quality.

Optimized for longer sheet lengths, the DFK maintains higher speeds where conventional sheeters slow down. Its wide-format design and high-capacity stacker support larger sheets and taller piles, reducing handling and improving overall production efficiency.

STANDARD FEATURES

- **Dual rotary knife cutting system** for accurate, high-quality sheet cutting
- **Precision servo-driven synchronization** for smooth high-speed production
- **Heavy-duty mill-duty construction** for continuous production environments
- **Multi-web capability** for increased production output
- **Closed-loop web feed and tension control**
- **Multiple HMI control stations** for efficient machine operation
- **Apron delivery system** for improved sheet support and reduced setup time
- **Combined walkway + stacker adjustment**
- **Remote diagnostics** for faster troubleshooting
- **Wide-format design** with high-capacity stacker for larger sheets and taller piles





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Technical Specifications & Configuration Options

OPTIONAL FEATURES

- Automatic splicing enables roll changes without stopping production
- Cut-to-register ensures precise alignment for pre-printed materials
- Programmable slitter system with HMI-controlled automation
- Integrated trim removal system for automated waste handling
- Web cleaning system for improved sheet quality
- Rapid pallet discharge enables quick skid changes to reduce downtime
- Automatic pallet dispenser supports continuous pallet changeover
- Tag inserters enable automatic sheet separation for batching and identification

PERFORMANCE

- High-speed production up to 1300 ft/min at longer sheet lengths
- Precision cutting with ± 0.015 in accuracy
- Multi-web processing for maximum throughput
- Consistent pile quality with reduced setup time
- Multi-directional decurling for improved sheet flatness
- Continuous operation with minimal downtime



SPECIFICATIONS

| | Imperial | Metric |
|-----------------------|---|---|
| Maximum Line Speed | 1300 ft/min | 396 m/min |
| Maximum Roll Diameter | 84 in | 2134 mm |
| Maximum Roll Width | 90 in | 2286 mm |
| Maximum Web Width | 90 in | 2286 mm |
| Sheet Length Range | 15 in to 82 in (up to 127 in available) | 381 mm to 2083 mm (up to 3226 mm available) |
| Sheet Length Accuracy | ± 0.015 in | ± 0.381 mm |
| Substrate Range | Up to 676 lb / 3300 ft ² | Up to 1000 g/m ² |
| Maximum Pile Height | 72 in | 1829 mm |

