

MAXSON DFK Sheeter



Dual Rotary Knife Technology

Using MAXSON's proven dual knife rotary cutter design, the DFK provides the cleanest, quietest and highest quality cutting action available. With a knife loading capacity 800 lbs./3300 ft² (1000 gsm) its solid knife revolvers are the market leader in shearing power.

The DFK Sheeter combines the facility of high speed with quick change over. As a result it can adapt to both short and long order runs, delivering a rapid payback.

Like the other members of the MAXSON family of fine sheeters, the DFK can be configured to address a Customer's needs. Stacking arrangements for the digital press market or the ultra large press format sizes are available. Multiple shaftless unwinds and web conditioning arrangements for board or paper grades are available.

Robust. Accurate. Prodigious.

Employing energy conserving AC drive technology and state of the art motion control systems the DFK Sheeter provides a sheet length accuracy of +/-0.015" (+/- 0.38 mm).

Outfitted with low inertia revolvers and advanced delivery and stacking systems, the DFK Sheeter can reach speeds of 1300 fpm (396 mpm). When outfitted with a web splicer and rapid pallet changing arrangement the DFK affords continuous operation without the loss of acceptable sheets.

Using a large diameter draw drum, the DFK Sheeter overcomes "stair cut" variation when sheeting multiple webs thereby assuring press ready piles. Built to last, the DFK Sheeter can accommodate up to 8000 pound skid loads.



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The MAXSON DFK Sheeter presents high speed sheeting at an affordable price for converters and printers that have relied on outside sources for their sheeted inventory. It offers:

- Energy conserving drives that deliver precisely cut sheets
- Advanced electronics that change size at the touch of a finger
- Operator interfaces that allow production data sharing
- Remote diagnostics that can troubleshoot programs from MAXSON's Westerly RI USA facility

Since 1912, MAXSON has pioneered revolutionary sheeting designs to meet the Industry's needs for high speed performance, accurate sheet length and durable construction.

MAXSON DFK Sheeter



Most Rugged Dual Knife Rotary Cutter Available.

Unlike hollow knife cylinder designs, the MAXSON DFK Sheeter employs solid cutting revolvers designed to withstand heavy knife loads, up to 0.060" (1.52 mm) thick board.

The dual knife rotary cutter assembly includes an upper and a lower knife cylinder, coupled together by anti-backlash gearing. The knife motor is direct coupled to the lower revolver, insuring sheet length accuracy.

Quick lock knife adjustments are used across the upper knife cylinder to fine tune cross cut in specific areas. The lower knife uses a simple bolt in arrangement. With this design, knife changes require less than 2 hours to complete.

High Speed. Sharp Piles.

The overlapping delivery system equipped with the MAXSON Airfoil Overlap increases speed by up to 200 fpm (60 mpm). The high speed and low speed tape sections used dynamically balanced rolls to maintain vibration free performance.

Designed to produce crisp, tight piles the stacker's jogging system is built to withstand continuous operation. An air delivery system introduces a cushion of air between each cut packet. Meanwhile a back jog plate and side jogger blades vibrate sheets into press ready skids.



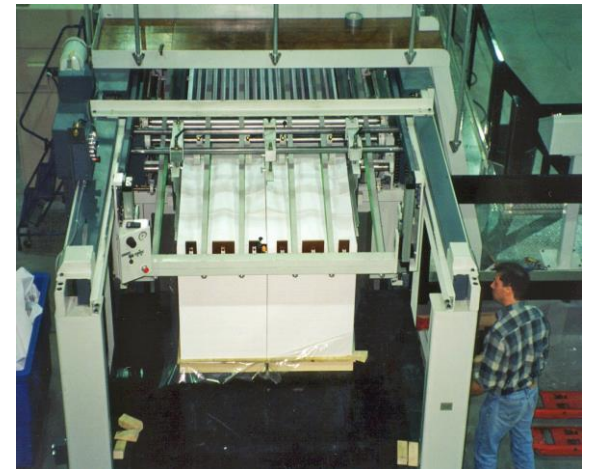
DFK Sheeter Operator friendly footprint

Specifications:

| | Imperial Units | Metric Units |
|-----------------------------|------------------------------------|------------------------------------|
| Sheet Length Accuracy | +/- 0.015" | +/- 0.38 mm |
| Squareness Accuracy | +/- 0.020" | +/- 0.51 mm |
| Maximum Geared Speed | 1300 fpm | 396 mpm |
| Knife Trim Width | 65" 75" 90" | 1650 mm 1905 mm 2285 mm |
| Sheet Length Range | 15" – 65" 15" – 82" | 381 – 1651 mm 381 – 2083 mm |
| Cutting Capability | 800 lbs. / 3300 ft ² | 1000 grams / meter ² |
| Pile Height (Skid Included) | 60" | 1524 mm |

Options and Auxiliary Equipment

- Shaftless Roll Stands
- Web Guidance
- Cut-to-Mark / Cut-to-Register
- Reject Gate
- Dust Collecting Systems
- Non-Stop Skid Removal
- Pile Offset (eliminates restacking)
- Tapes Over Pile Design



MAXSON DFK Sheeter with Series 600 Stacker.