

MAXSON MSU Sheeter



Affordable. Versatile.

The MSU Sheeter is the ideal tool for printers who value a dedicated sheeter to their printing press. The material is unwound from the roll stand, slit and cut to size and then delivered to in a stream of shingled sheets to the press' feeder. The sheet lengths that exactly match the size of the product also avoid trim waste. Thus material costs can be reduced by up to 20 percent.

Requiring a modest capital investment, the MSU Sheeter combines flexibility of running a wide range of materials (paper, board, preprinted material, films and foils) and different sheet sizes with quick change over. As a result it can deliver a rapid payback.

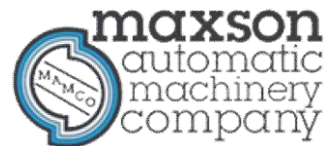
The MSU Sheeter also allows for a quick disengagement from the printing press feeder to allow skidded stock to be direct fed into the press.

Precise.Simple.Cost Effective.

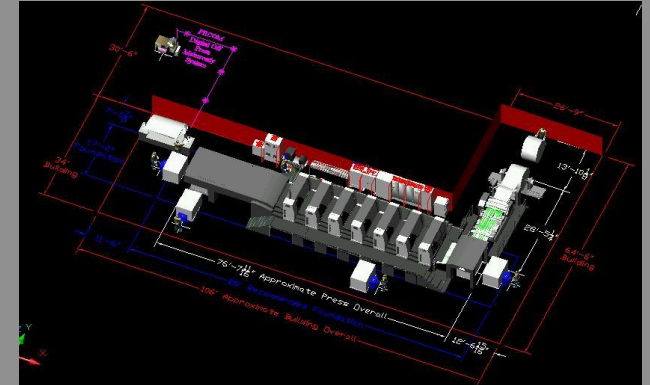
Equipped with state-of-the art electronic cutoff control the MSU Sheeter provides accuracy and squareness of +/-0.015" (+/- 0.38 mm), feeding directly into a printing press. For sheeting preprinted material, the MSU Sheeter can be equipped with cut to register capabilities.

The shaftless, self loading roll stand includes automatic tension control insuring accuracy of cutoff without Operator attention. Outfitted with an accumulating festoon between the roll stand and cutter, the MSU Sheeter reacts to speed changes, maintaining web tension.

The MSU Sheeter is ideally suited to the sheet fed printer looking for the competitive edge. Easy to set up, simple to operate and requiring very little space, it can reduce inventory and show dramatic savings on sheeting costs.



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The MAXSON MSU Sheeter presents a sheeting option at an affordable price for sheet fed printers. It offers:

- Customizing options, such as right angle delivery to the printing press
- 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.

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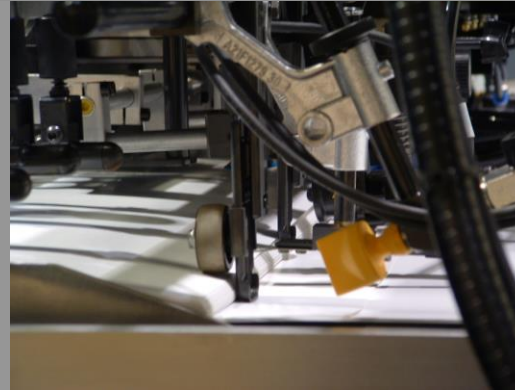


An In Line Printing Press Alternative for Sheeted Stock.

The MSU Sheeter includes a shaftless self loading roll stand that can chuck up rolls without the need of an overhead hoist.

The motorized decurling unit presents a mark free, flat sheet to the press on a wide range of substrates.

This sheeter has a cutting section designed to withstand heavy knife loading, yet able to cut lightweight papers as well as 0.018" (0.45 mm) thick board grades.



High Speed Operation

The delivery conveys sheets from the cutter to the press feeder at speeds of up to 1000 fpm (308 mpm). Depending on the application, the tape delivery system can be arranged in line or at right angle to the printing press.

With the MAXSON's Airfoil System, positive underlapping of sheets is accomplished. An air delivery system introduces a cushion of air between each cut packet.

For lightweight or glossy material, equipment is provided to neutralize static build up.

The variable percentage slow speed tape section offers the flexibility of matching press speed sheet for sheet or, in right angle applications, maintaining a small number of sheets at the press feeder.

Specifications:

	Imperial Units	Metric Units
Sheet Length Accuracy	+/- 0.015"	+/- 0.38 mm
Squareness Accuracy	+/- 0.020"	+/- 0.51 mm
Maximum Geared Speed	1000 fpm	308mpm
Knife Trim Width	48" 56" 64"	1220 mm 1400 mm 1625 mm
Sheet Length Range	18" – 41" 25" – 65"	480 – 1050 mm 635 – 1651 mm
Cutting Capability	360 lbs. / 3300 ft ²	500 grams / meter ²

Options and Auxiliary Equipment

- Automatic Web Splicer
- Splice Detection
- Slitter Rig
- Cut-to-Mark / Cut-to-Register
- Automatic Squaring
- Reject Gate
- Right Angle to Press Configuration



The MAXSON MSU Sheeter delivers up to 18,000 press ready sheets per hour to the printing press feeder without increasing the size of the operating crew.