

Moline Guillotine Cutting Systems



Efficient cutting systems designed for high volume production.

Moline guillotine cutting systems are designed to cut product to specific lengths. Several styles are available including the swing arm guillotine and the lever action guillotine. Product cut length is easily adjustable via the production system's operator interface or an operator interface mounted to the guillotine. A rubber coated roller is installed beneath the guillotine blade under the conveyor to provide an appropriate cutting surface. Hinged guards contain safety interlocks to prevent access during operation and mesh panels for clear observation during production.

Swing Arm Guillotines

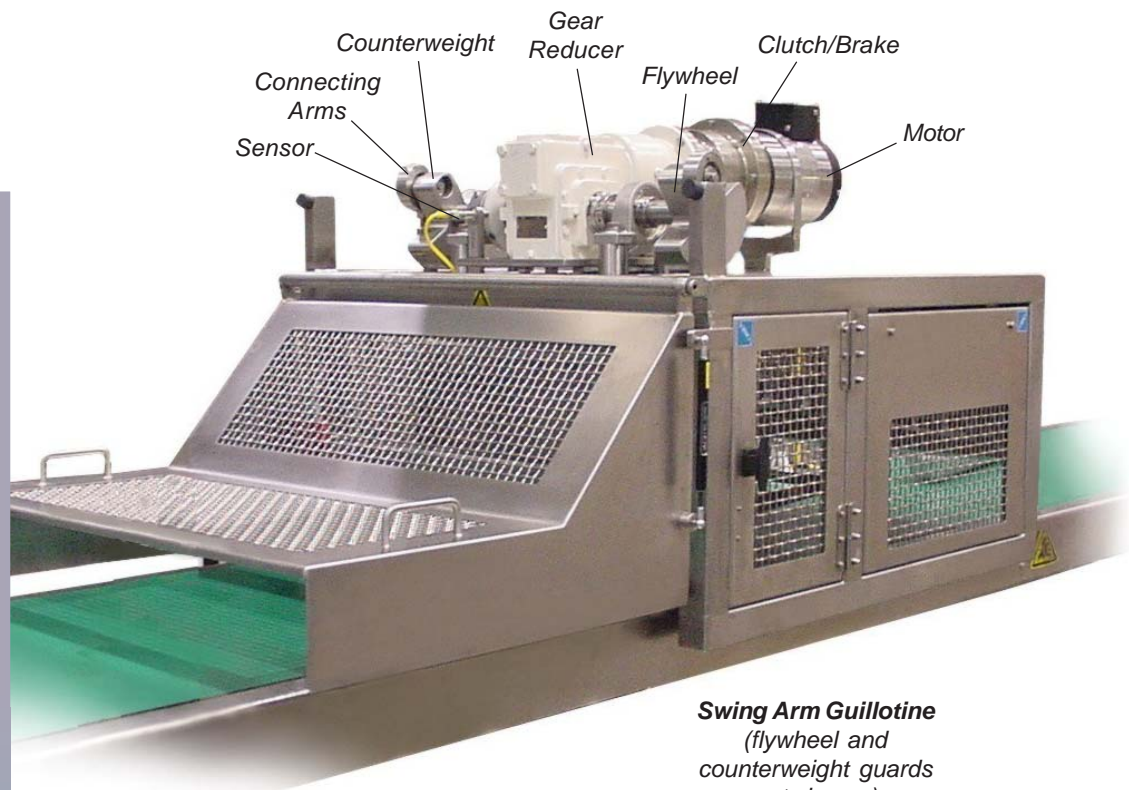
The swing arm guillotine (shown below) contains a Teflon coated guillotine blade driven by a drive system mounted

on top of the machine. An optional pneumatic clutch/brake allows intermittent cutting and forces the blade to the raised position when the unit is stopped. Product position is maintained during cutting by the hold-down roller. Roller height is easily adjusted with the hand wheel mounted at the front of the machine. A sensor synchronizes guillotine cutting action with the action of other equipment on the line.

Lever Action Guillotines (shown next page)

The lever action guillotine's simple, economical design provides efficient and precise cutting for conveyor widths of up to 32". The Teflon coated guillotine blade is activated

- **Swing Arm styles accommodate conveyor widths of 24" to 60".**
- **Lever Action styles accommodate conveyor widths of up to 32".**
- **Easily controlled through the operator interface.**



Swing Arm Guillotine
(flywheel and counterweight guards not shown.)



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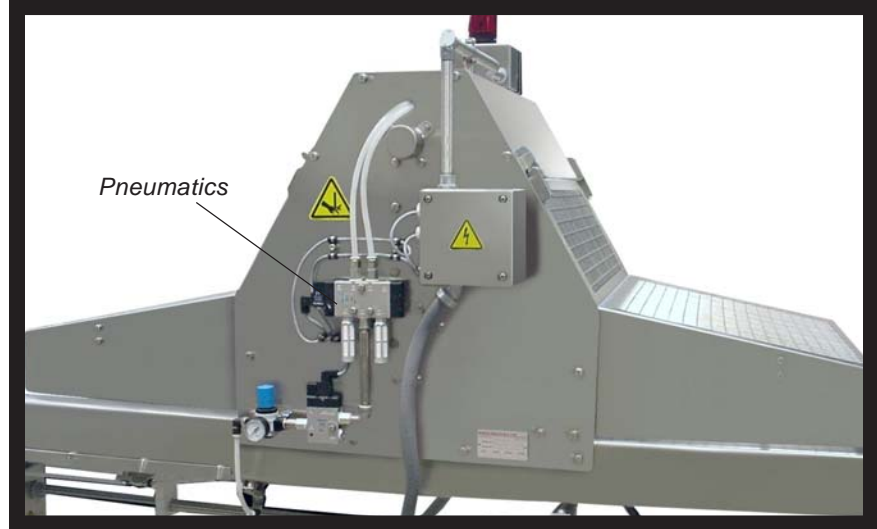
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Lever Action Guillotine continued...

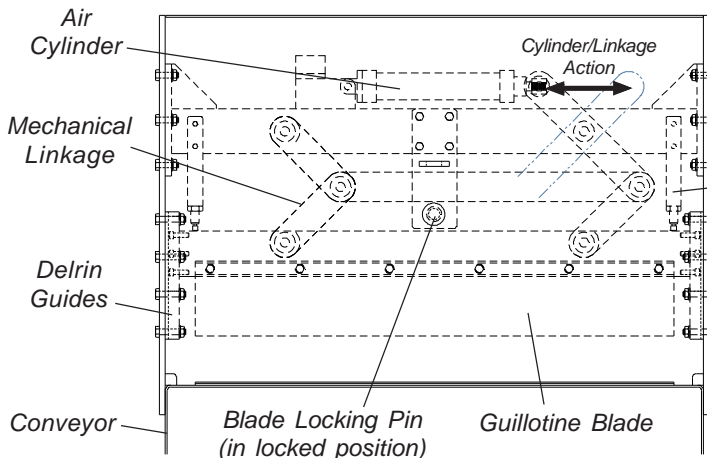
by mechanical linkage, driven by an air cylinder. The blade slides up and down between Delrin guides. Shock absorbers soften the impact of the blade on interior components during operation, for a smooth, quiet cut.

The guillotine blade can be locked in the raised position when not in use by simply installing the locking pin (a sensor, mounted at the end of the pin, detects when it is in place and prevents guillotine activation).

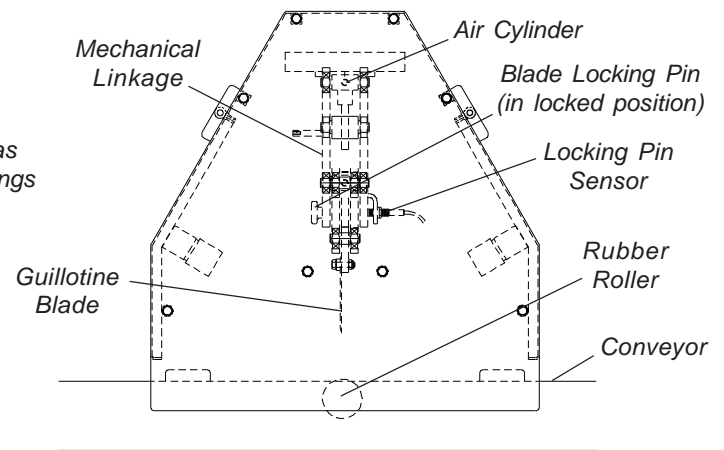
Cutting blade pressure is adjusted at the pneumatic regulator.



Lever Action Guillotine



Lever Action Guillotine (Rear View)



Lever Action Guillotine (Left End View)

Other Guillotine Features

- Construction:**
 Heavy-gauge stainless steel construction.
 Precision machined components.
- Drive Systems - Swing Arm Guillotine:**
 The guillotine blade is driven by the action of the flywheel, counterweight and connecting arms which are powered by a washdown duty gear reducer and inverter-ready motor. Electrical requirements are 230 Volt / 60 Hertz / 3 Phase. Other options are available.
- Drive System - Lever Action Guillotine:**
 The guillotine blade is activated by mechanical linkage, driven by an air cylinder. Pneumatic requirements are 40 cfm @ 80 psi (18.9 liters/sec. @ 5.5 bar). Electrical requirements are 110 Volt / 60 Hertz / 1 Phase. Other options are available.
- Production Rates:**
 Swing Arm Guillotine - 350 cuts per minute.
 Lever Action Guillotine - 60 cuts per minute.