

Moline Single-Roller Cross Sheeter



Provides high-speed cross sheeting of thick and/or laminated doughs.

The Moline single-roller cross sheeter is designed to sheet thick doughs (2" - 3" thick) at high speeds that have been formed by a low-stress system such as the Yoga dough former. The unit is also commonly used for laminated doughs of several layers.

The single-roller design of this unit incorporates a UHMW polyethylene low friction roller which moves back and forth crosswise, pushing the dough outward to the desired width and thickness. Roller rotation and travel are driven by a motor and gear reducer

with a series of chains and shafts. The lift mechanism, driven by a second motor and gear reducer, raises or lowers the roller to the desired height. Servo options are also available and electronic sensors are used for precise adjustment. Height is adjusted through the production system's operator interface. Roller speed is controlled by the conveyor beneath the roller.

The unit is designed for use on 24 to 60 inch wide conveyor belts, and systems are available in right or left hand control.



- ***Cross sheets thick, low-stress and laminated doughs to the desired thickness and width.***
- ***Single roller design provides fast and efficient sheeting.***
- ***Servo options available.***



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Features

- **Construction:**
Heavy-gauge stainless steel construction with precision-machined components.

- **Activation and Adjustment:**
The cross sheeter is activated and adjusted through the production system's operator interface.

Roller speed is controlled by the speed of the conveyor beneath the roller.

Electronic sensors provide precise adjustment.

- **Roller Material:**
One UHMW polyethylene roller.

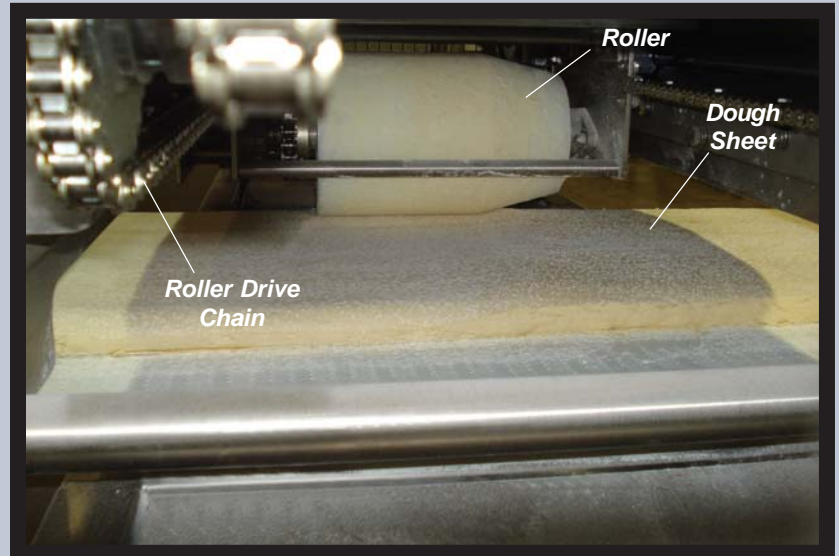
- **Access Doors and Guards:**
Access doors and guards are provided for operator protection during operation and easy access once the machine is shut down.

The infeed guard is safety interlocked to prevent machine operation if the guard is open or removed.

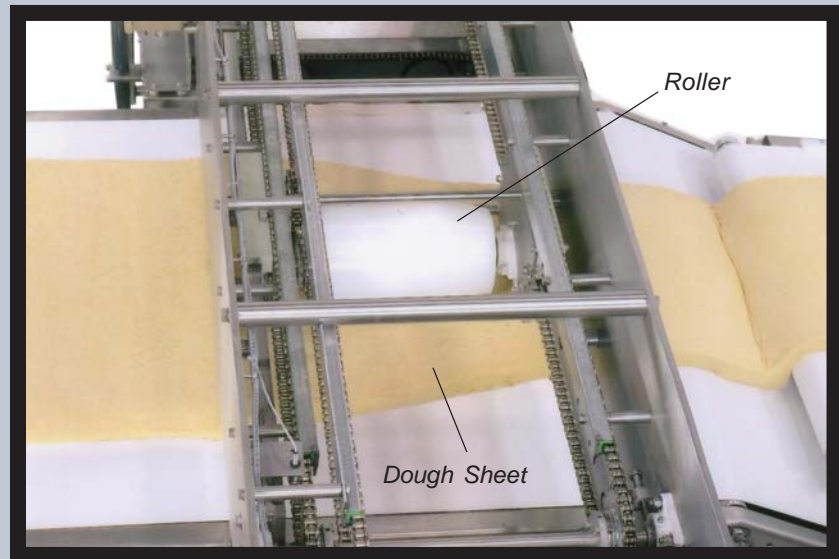
- **Drive System:**
One drive motor and gear reducer for roller rotation and travel (servo options available).

One drive motor and gear reducer for the roller lift mechanism.

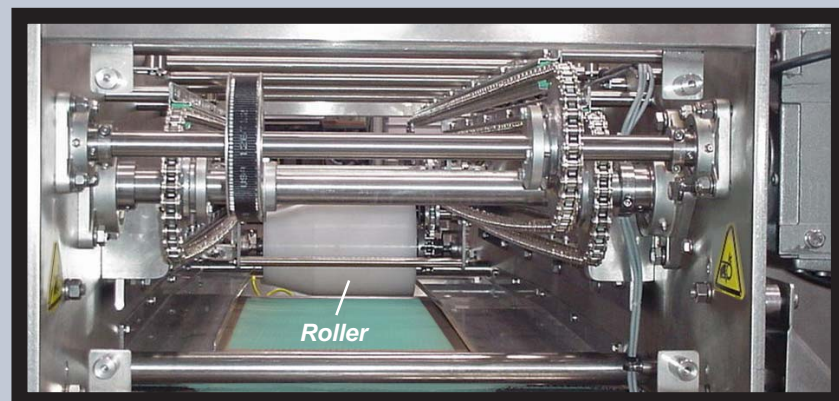
- **Electrical System:**
240/480 volt, 60 cycle, 3 phase.
(Other voltages are also available).



End View (guard shown removed for clarity)



Top View (top guard shown removed for clarity)



Roller Drive System (interior, end view)