

The Moline Transpositor



Providing continuous and accurate cutting and proofer tray loading for high-volume industrial applications.



- **Electronically synchronized for uniform and consistent product delivery.**
- **Perfectly suited for high-volume production.**
- **Easily activated and adjusted through the operator interface.**

The Moline transpositor is designed to continuously cut product and load it onto proofer trays at high speeds with accurate and precise delivery.

The transpositor consists of two modules: the cutting module and the transposing module. The cutting module contains the infeed conveyor, which brings the product in, and the guillotine which cuts it to size. Once cut, the product is directed to the transposing module which contains the carriage conveyor that cycles back and forth depositing cut product onto proofer trays.

Flour dusters are installed in optimum locations on the transpositor to provide adequate flour for product release and delivery.

Guards are safety interlocked to prevent access during operation but also contain mesh observation windows for maximum visibility.

The transpositor is electronically synchronized with the proofer for exact product placement. Activation and adjustments are easily controlled through the production system's operator interface.



Moline Machinery LLC

114 South Central Avenue • Duluth, Minnesota, USA, 55807
218-624-5734 • www.moline.com • sales@moline.com



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Features

Construction:

Heavy-gauge stainless steel with precision-machined components.

Guards and Doors:

Safety interlocked hinged guards prevent access to hazardous areas during operation. Wire mesh windows provide maximum visibility while product is being run.

Control Functions:

Controls are easily accessed through the operator interface.

Drive System:

Drive motors and gear reducers for infeed conveyor, guillotine, carriage conveyor and carriage conveyor belt drives (both direct and chain driven).

Electrical System:

Electronically synchronized to the proofing system for exact product placement on proofer trays.

Standard Electrical Requirements:

480 Volt / 60 Hertz / 3 Phase (other options are available).



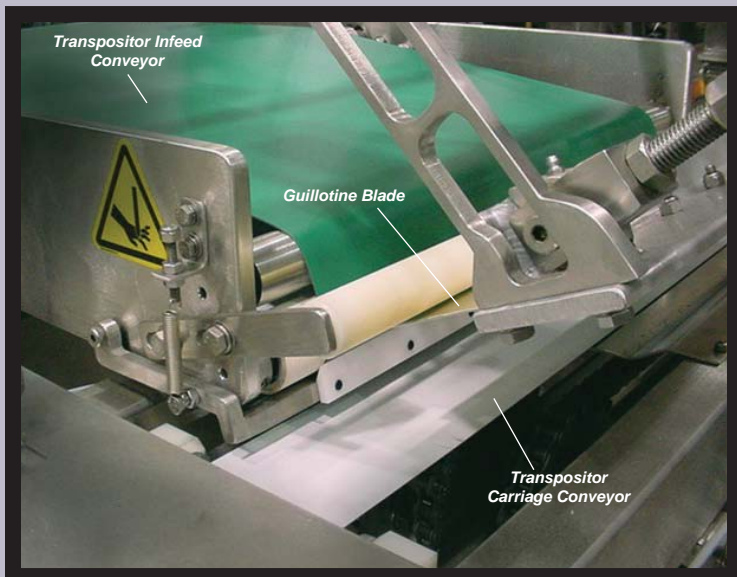
Transpositor Installed at Proofer Infeed Section

Optional Equipment:

Oiling System: designed to prolong the life of the carriage conveyor bearing blocks by coating them with oil during production.



Guillotine Blade Coating: optional special coating for optimum cutting and release.



Transpositor Guillotine (on the cutting module)



Cinnamon Rolls Loaded on Proofer Trays