

PACKAGE**AUTO-FEED**
FOR USE WITH "FA TYPE" MACHINES

- ADAPTABLE TO ALL FA TYPE MACHINES — NEW AND OLD
- FEEDS CARTONS - TRAYS - BOOKS - EXTENSION EDGE BOXES
- UP TO 150 PACKAGES PER MINUTE
- PHOTOELECTRIC POSITIVE PACKAGE CONTROL
- PAYS FOR ITSELF - BY REDUCING LABOR
- QUICKLY ADJUSTED FOR PACKAGE SIZE

PACKAGE SIZE LIMITS**Minimum**

Length 4"
 Width 2 $\frac{1}{4}$ "
 Height 3 $\frac{3}{8}$ "

Maximum

Length 14"
 Width 9"
 Height Mach. Limit

FEEDING SPEED

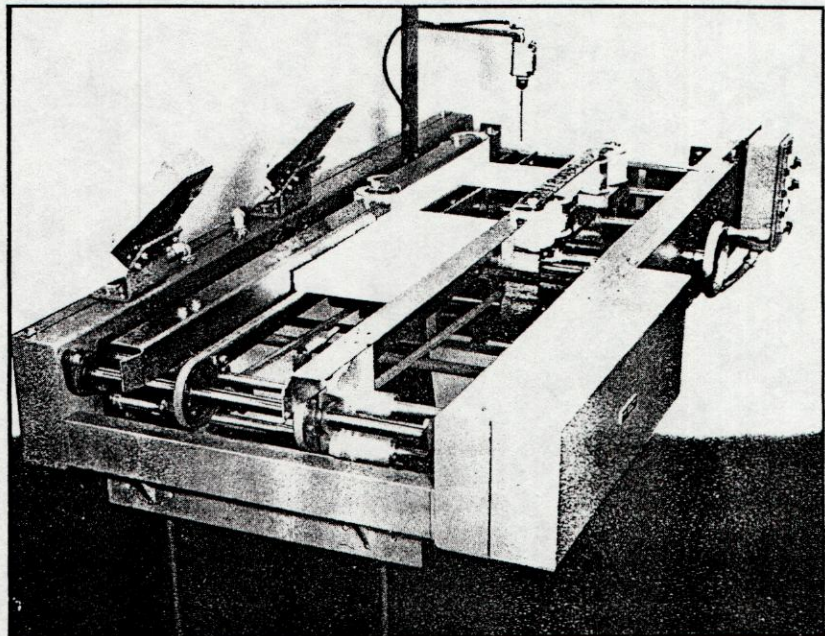
The unit is driven by the wrapping machine and will feed packages at wrapping machine speed. Requirements that approach 150 per minute are subject to engineering approval.

STYLES OF PACKAGE ACCEPTABLE

The Auto-Feeder has been designed to accommodate all packages that will lend themselves to automatic feeding from a conveyor belt. Rectangularly shaped packages, open top trays, regardless of product or the height of fill, can usually be handled. Extension edge candy boxes and books with extended covers can be successfully fed with this unit. We know of no other efficient wrapping machine feeder with this flexibility.

CHANGE-OVER TIME

The time required will vary from 1 to 5 minutes depending on the nature of the change. Package length dimension is changed with one handwheel adjustment. The width of package may require no adjustment. Where a large change in width is required, quick change gears are substituted to change the bottom belt speed.

**ADAPTABILITY**

This unit is adaptable to our FA, FA-2, FA-4, FA-1H, and FA-2H machines. It may be purchased with any of these machines or may be adapted to any of them now in the field. Being self-contained mechanically and electrically, adaptation is simple and can usually be done by the plant mechanic.

CONSTRUCTION

The unit is sturdily constructed of welded steel. It is supplied with a floor stand to support the outer end and fastenings to attach the inner end to the machine.

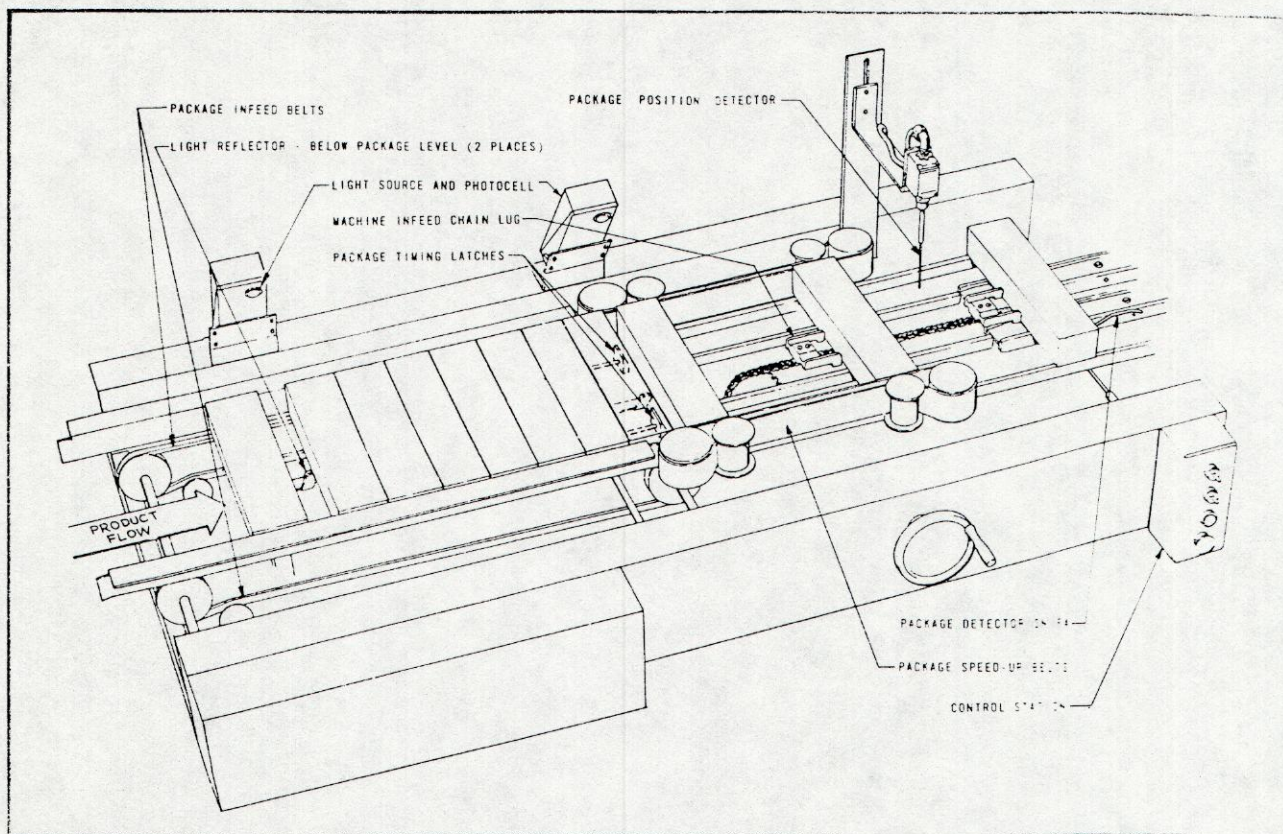
ELECTRICAL

The components used are of the highest quality. All wiring is contained within the side channels. Wiring and components meet all standard code requirements.

SPECIFICATIONS

PACKAGE

"AUTO-FEED"



FEEDER OPERATION (See drawing)

As the packages pass into the feeder, the first and succeeding packages are stopped by latches and are held until a backlog to the photocell is accumulated. Through linkage, cams and timing, the left photocell allows the lead package to smoothly escape into the side feed belts. The right photocell detects back edge of the escaped package and the latches reset to smoothly stop the next package. The package which enters the side feed belts is positively carried into the wrapping machine where the chain lug comes up from behind and gently takes over.

A safety package feeder is positioned in the machine infeed area to detect any unclipped or out-of-line package. Contact with this feeder will shut down the machine.

TECHNICAL DATA

The entire "auto-feed" unit may be purchased as a kit. The crate measures approximately 72" long x 36" wide x 20" high. Gross weight is approximately 600 lbs. The amount of electrical power use is negligible as its only use is to provide the light for the photocells and to energize the control circuit.

