

**LM****LABELMILL**

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# LM4005

## FULLY AUTOMATIC LABEL APPLICATOR SYSTEM

The LabelMill 4005 label applicator is an entry level, high speed, heavy duty industrial label applicator. Featuring our unique modular design, the LM4005 can accommodate the standard peeler arm, tamp module, flag module, swing-tamp, adjacent panel, and custom label applicators. This flexibility eliminates the need for multiple models, and makes upgrading very easy. The microprocessor based control features all of the hardware and software necessary to control every standard module. The hand-held interface makes configuration and adjustments quick and easy with the user friendly control software. The heavy duty DC drive is reliable enough to run for multiple shifts, every day, even in demanding environments. A variety of optional features make the LM4005 the perfect entry level, fully automatic, label applicator for your needs!

Speeds up to 1400 Inches / Minute  
Heavy Duty DC Drive Motor  
Dynamic Motor Control  
12" Standard Storage Spools  
Heavy Duty Industrial Design  
User Friendly Operating Software  
Smart Tamp Upgrade  
Batch Counters  
Touch Screen or Hand-Held Interface  
Multiple System Width Options  
Left & Right Hand Models  
Custom Applicator Modules  
Optional System Status Light Tower  
Optional Loose-Loop Interface to Thermal Printers

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## FULLY AUTOMATIC LABEL APPLICATOR SYSTEM

### STANDARD APPLICATOR SPECIFICATIONS

#### LABELING SPEED / THROUGHPUT RATE

UP TO 1400 LINEAR INCHES/MINUTE AND, DEPENDING ON LABEL SIZE, APPROXIMATELY 100 LABELS/MINUTE

#### INTERFACE SENSORS

PRODUCT SENSOR - PHOTOEYE / LIMIT SWITCH / PLC INPUT  
AUXILIARY OUTPUTS WITH CONNECTOR

#### LABEL PLACEMENT TOLERANCE

UP TO +/- 1/32" WHEN LABELS ARE PRODUCED TO SPECIFICATIONS & PRODUCT HANDLING IS CONTROLLED

#### ELECTRICAL INPUT

110VAC / 60HZ -- 6 AMPS

#### LABEL ROLL CAPACITY

12" MAX OUTSIDE DIAMETER, WOUND ON A 3" CORE. DIE-CUT WASTE REMOVED WITH A MINIMUM 1/8" SEPARATION BETWEEN LABELS IN RUNNING DIRECTION

#### AIR REQUIREMENTS

80 PSI / 3 CFM REQUIRED

#### ACCEPTABLE LABEL SIZES

MINIMUM 1/2" WIDE x 1/2" LONG  
MAXIMUM 6-1/2" WIDE x 12" LONG (OPTIONAL SIZES AVAILABLE)

#### APPLICATION METHODS

TAMP, WIPE-ON (SYNCHRONOUS FEED), FLAG, BLOW, ADJACENT PANEL, CORNER-WRAP, SWING TAMP & CUSTOM APPLICATOR MODULES

#### ENVIRONMENT

OPERATING 50-95 DEGREES F (10-35 DEGREES C)  
15-85% RELATIVE HUMIDITY, NON-CONDENSING

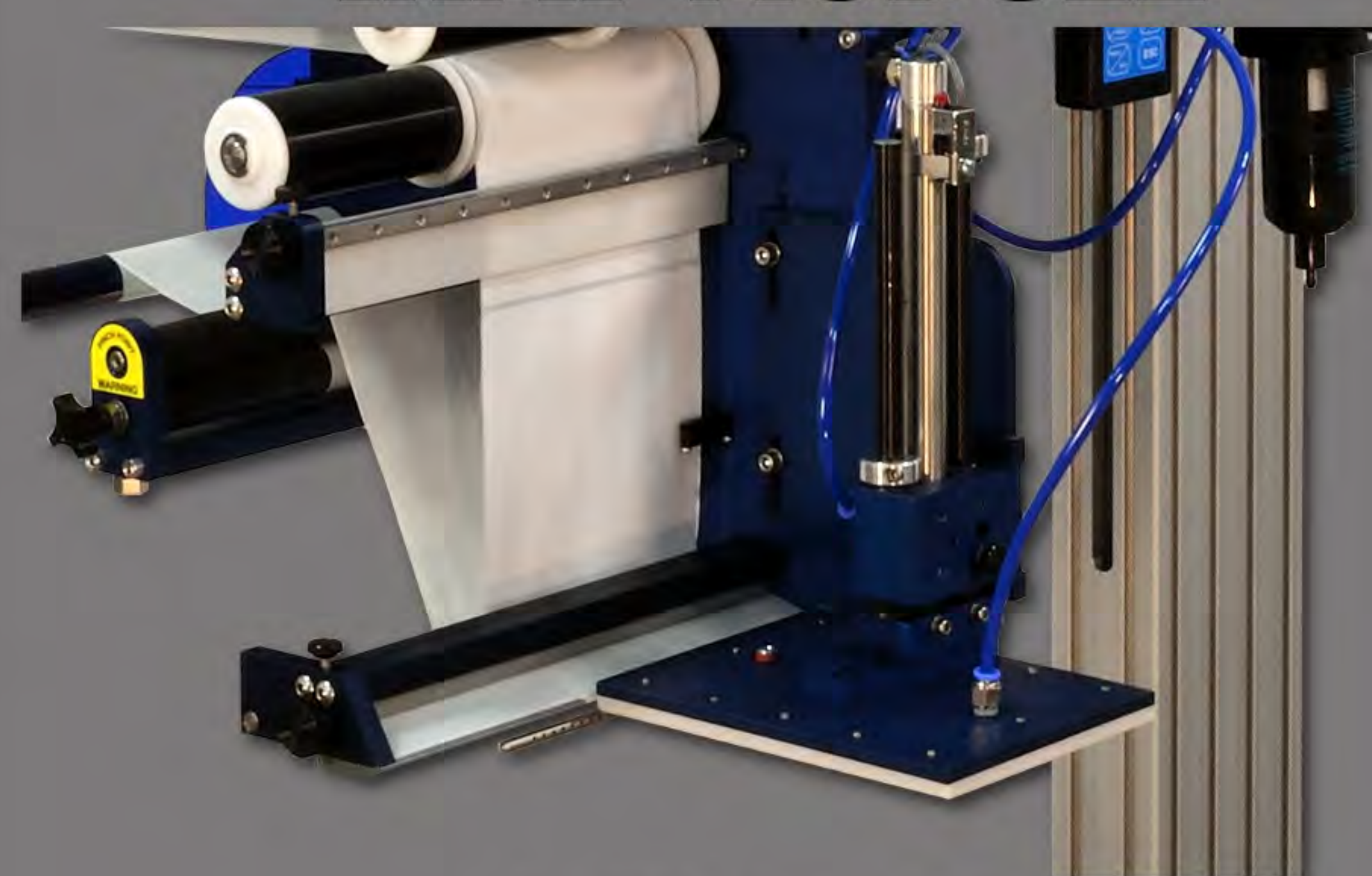
#### GENERAL SIZE

25" WIDE x 22" DEEP x 21" HIGH

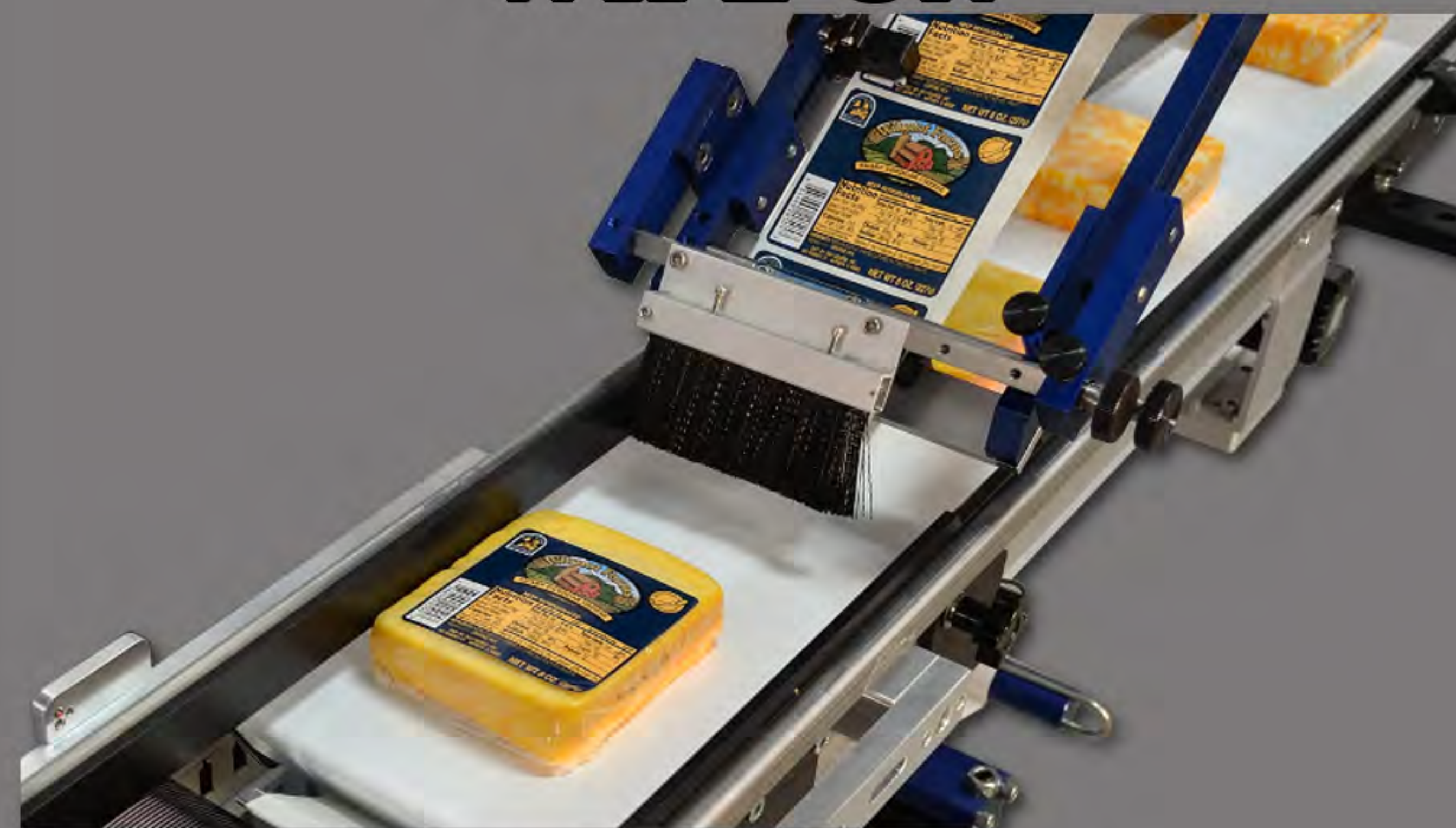
#### WEIGHT

60 LBS WITH U-ARM

### -TAMP MODULE-



### -WIPE-ON-



### -CORNER-WRAP-



### -SWING TAMP-



### OPTIONAL FEATURES

- LEFT OR RIGHT HAND MODELS
- VERTICAL FRAME
- TABLE-TOP MOUNT CONFIGURATIONS
- 16" STORAGE SPOOL
- SMART TAMP APPLICATOR
- CUSTOM APPLICATOR MODULES
- LOOSE-LOOP THERMAL PRINTER INTERFACE
- ALARM STACK / SYSTEM STATUS TOWER
- LOW LABEL ALARM
- BROKEN WEB INDICATOR
- CUSTOM PROGRAMMING



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