

# STABAN

## ENGINEERING CORP.

Designers & Manufacturers of Machinery  
Suppliers of Parts and Services



### STABAN Engineering Corp.

#### Model T04 Tray packer with High Capacity Magazine

#### **Fully Automatic, Medium Speed, Tray Packing System**

**Construction**.....Tubular Steel Frame, Stainless, Plated, or UHMW Product Contact Parts.

**Layout**.....Inline and Right Angle Discharges Available.

**Speeds**.....Up to 30 Trays per Minute (based on product sizes and pack patterns).

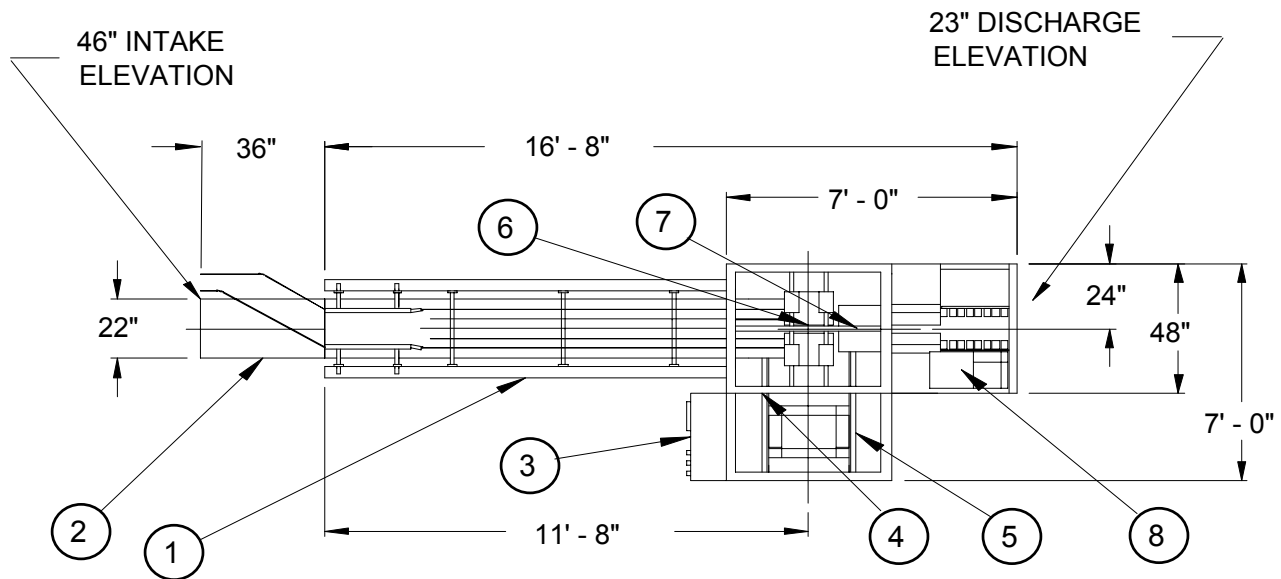
**Diagnostics**.....Message Display on Operator Touch Screen Controls.

**Guarding**.....Polycarbonate Barrier Guard Doors with Safety Interlock System. Guards are Full Height, Lift Off, with Safety Key Switch Override.

**Lubrication**.....Centralized Lubrication Fittings piped to each point with copper tubing.

**Change Over**.....Approx. 20 - 30 minutes. *This machine is equipped with quick change over features that include lane guide spacers, quick adjust handles, centering nut change parts, recorded scale positions, and push button electronic change over.*

# STABAN Engineering Corp. MODEL T04 TRAY PACKER



## FLOOR PLAN & SPECIFICATIONS

1. INFEEED CONVEYOR
2. OPTIONAL SCUFFLESS TRANSFER SECTION
3. CONTROL PANEL / OPERATOR STATION
4. 3/4 NPT AIR CONNECTION  
MAIN POWER DROP (SEE SPECS)
5. BLANK MAGAZINE
6. PRODUCT GRID AREA
7. INDEXING POCKET CHAIN
8. HOT MELT SYSTEM

### SPECIFICATIONS

AIR - 1.5 CFM AT 80 PSI AT 30 TRAYS/MIN.  
 ELECTRICAL - 3000 WATTS FOR HOT MELT DROP  
 AT 230 VOLTS 1 PHASE OR 3 PHASE  
 PANEL 30 AMP DROP AT 230 VOLTS  
 20 AMP DROP AT 460 VOLTS

The STABAN Model T04 Tray Packer is designed for continuous, medium speed, tray forming and packing at speeds up to 30 trays per minute. Machine activities are fully automatic and monitored by various sensors for jam prevention and safety. One of three optional (cam, indexer-box or servo) lift tables, coupled with a mechanical indexing drive, and resolver position sensing, provide for a smooth, quiet, and totally reliable operation. Safety interlocked, hinged Polycarbonate guard doors provide total protection while permitting full visibility of all operating areas of the equipment. The hinged doors lift off for greater mechanical access. A touch screen message display provides operating instructions, and change over menus, as well as machine condition and corrective action messages. Machine fault messages are displayed on screen for fast identification and correction. Electronic change over to other product sizes happens at the touch of an on-screen push button. "Quick Change" adjustments are provided and change parts use centering nuts for accurate positioning, without measuring. Variable adjustments are recorded to scale measurements at each adjustment feature, eliminating guesswork and speeding up the change over process. A positive corrugated blank delivery system assures accurate blank positioning. Side squaring presses provide a secure hot melt bond and squarely finished trays, ready for shrink wrapping and palletizing.

### STANDARD FEATURES

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| <ul style="list-style-type: none"> <li>☑ Rugged, Accessible, Tubular Steel Frame.</li> <li>☑ Full Height Polycarbonate Guard Doors - Safety Interlocked with By-pass Key Switch.</li> <li>☑ Central Lubrication with clustered fittings piped with copper to each lube point.</li> <li>☑ Flag Style Down Product Detection.</li> <li>☑ Stainless Steel Lane Guides.</li> <li>☑ Stainless, UHMW, &amp; Plated Product Contact Parts.</li> <li>☑ Quick-Adjust Positive Scale Adjustments.</li> <li>☑ Positive Centering Nut Change Parts.</li> <li>☑ Electronic Product Size Change Over.</li> <li>☑ Low Level Product Detection.</li> </ul> | <ul style="list-style-type: none"> <li>☑ Allen-Bradley SLC-5 series PLC Controls.</li> <li>☑ Allen-Bradley 160 VFD &amp; Indexing Main Drive.</li> <li>☑ Intralox Raised Rib Infeed Conveyor Chain.</li> <li>☑ Product Oscillators (when required).</li> <li>☑ Rack &amp; Pinion or direct drive Lift Table.</li> <li>☑ Resolver Position Sensing.</li> <li>☑ Photo Eye Sensing of Corrugated Activities.</li> <li>☑ Overload Clutch Protected.</li> <li>☑ ITW Dynatec or Nordson 3400 Glue System.</li> <li>☑ Touch Screen Message Display &amp; Stack Lights.</li> <li>☑ Gray TGIC polyester powder coat, electrostatically applied &amp; baked on</li> </ul> |
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Features and name brand components listed are current standards and subject to change