

TF-100

FULLY AUTOMATIC TRAY FORMER



PERFORMANCE DELIVERED

The IPak TF-100 fully automatic tray former is a compact tray forming solution specializing in forming 4-corner trays. It is able to handle a wide range of tray sizes at factory accepted speed requirements. The practicality of the 4 corner tray makes this machine a great fit for industries such as beverage, hygiene, personal care, pharmaceuticals, electronics, processed foods and more.

The TF-100 utilizes a programmable VFD and pneumatically actuated blank stops for controlling blank advance and accurately placing the tray directly under the pneumatic mandrel into the compression section. IPak's passive compression technology then forms each tray with minimum crush while creating a tight secure glue

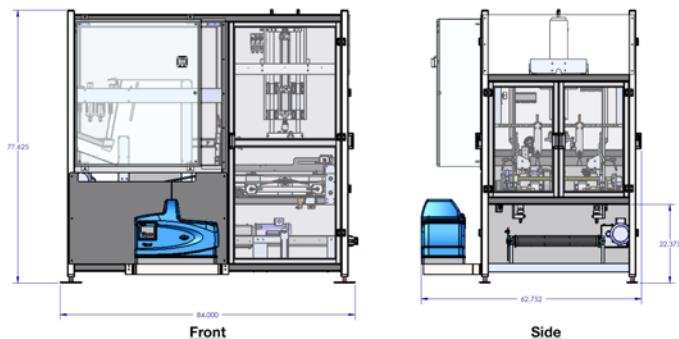
bond. Our compression section not only reliably forms each tray well but also ensures lower maintenance costs with less contact and moving parts for years of continuous operation.

The 100 Series is based on IPak's ultra-compact 40 x 80 platform, perfect for applications with limited amounts of floor space. Similar to other IPak products, it comes loaded with many standard features including a user-friendly HMI color touch screen, interlocked safety guarding, EZ-clean powder coat for quick cleaning, and heavy duty materials for long lasting performance. Size changes can be completed in less than 5 minutes with color coded quick size change handles, scribed parts and digital readouts.

STANDARD FEATURES

- » Positive chain and lug blank advance
- » Independently controlled and self-cleaning Venturi-style vacuum picking
- » Color-Coded quick change with scribed parts
- » Nordson ProBlue hot melt adhesive system
- » Allen-Bradley PLC
- » Fully interlocked safety guarding

MACHINE SPECIFICATIONS



- » Machine Weight: (typical) 1900 lbs
- » Machine Length: (typical) 7 feet
- » Air: (typical) 14 scfm at 75 p.s.i. or greater
- » Electrical: 240 Volts, 3 PH, 60 Hz - 18 amp draw
- » Speeds: up to 40 trays per minute
- » PLC operated and sequence and timing control
- » NEMA 12 control panel
- » Lock-out / tag-out ready air and electrical disconnect

THE IPAK PRODUCT LINE INCLUDES:

- » Tray Formers
- » Flange Sealers
- » Case Sealers
- » Stackers
- » Blank Feed Magazines
- » Outfeed Conveyors

OPTIONAL FEATURES

- » Hopper extension – 36" increase capacity
- » 8' Motor driven out-feed conveyor
- » Remote demand sensor
- » Auxiliary E-stop push button station
- » External Ethernet and power port on electrical panel
- » Caster kit
- » Machine monitoring system

START-UP & TRAINING SUPPORT

- » Complete training with machine orientation, start-up, operation, size and style changeover, and maintenance
- » 24 hour support line (1-888-565-3219)

NEW TRAY INTRODUCTION / RETROFITS

Markets and retailers will from time to time demand changing the size or style of trays being produced. IPak can quickly determine the necessary parameters to accommodate the introduction of a new tray on your existing IPak.

SOME EXAMPLES OF 4-CORNER TRAYS FORMED ON THE TF-100



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