

APPLICATION & DESIGN

Bulletin



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QUICK FACTS

- **Solution:** TF 400V and TF 600V
- **Speed:** Up to 30 trays per minute
- **Industry:** Meat, poultry, fish, footwear, etc.
- **Application:** Vertical tray (case) forming
- **Design:** Six-corner tray

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The Case of the Missing Tray.....

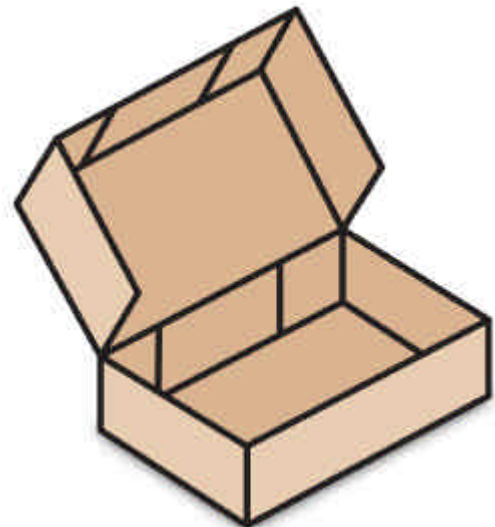
Within the packaging machinery and corrugated production industries, a “tray” is often synonymous with an open top container, offering product protection from the bottom and four sides. A “case,” on the other hand, provides a full enclosure with product protection on all sides. Furthermore, these two different package styles are typically formed (or erected) on completely different packaging solutions.

Keeping the above in mind, how can a tray former, using a single corrugated blank, create a case? A case, no less, that has a solid bottom, full enclosure capability, is ideal for non-standard products and retail displays. The answer is SWF Companies' TF 400V and 600V vertical tray formers.

Utilizing either a downstream attachment or integrated as part of the vertical forming sequence, SWF's TF series of vertical trays formers take a single corrugated blank, glue all six corners (see back page for typical glue pattern) and a form a case with hinged cover. The glued six-corner tray design eliminates manual set-up of the center panel flaps on a one-piece folder tray style.

Once formed, the six-corner design can be delivered to the packing line ready for manual or automatic loading and hinged cover closure. After packing, the top cover may be taped or strapped closed for shipping purposes.

Typical applications for a six-corner tray include lunch meats, bacon, sausage, chicken breasts, shoes, boots, plastic bags and a host of items requiring or benefiting from a re-closeable case.

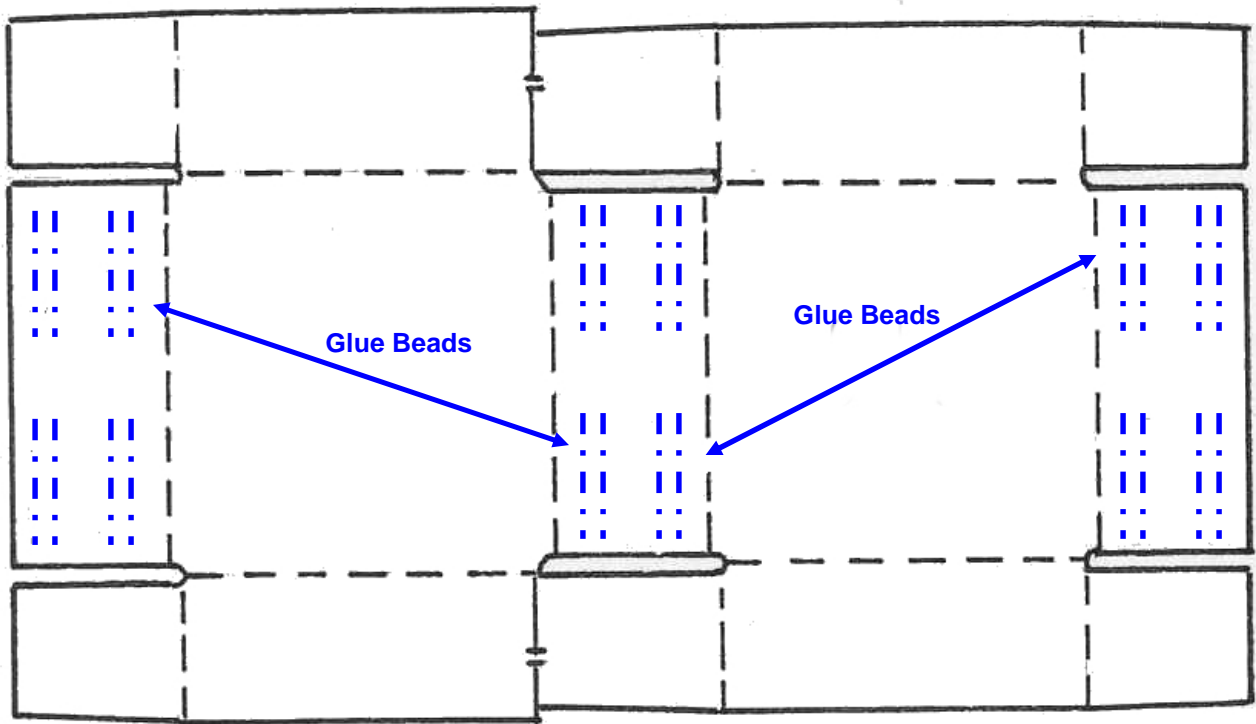


Innovative Packaging Automation

The TF 400V's compact design makes it very portable and easy to move to different production areas. With hundreds of tray designs to choose from, whether it be double corner trays (BTB), trays with flaps, triple-ended or leak-proof trays, the TF 400V is ideally suited for most one-piece tray designs.

Simple in design, including a mechanical glue system and no external air requirements, the TF 400V is available with numerous options, allowing the machine to meet the specific needs of each customer. Available options include a vacuum blank feed, large capacity hopper holding up to 400 B-Flute blanks, an automatic lidding attachment that inserts the tray into an HSC cover and large capacity glue pots.

The TF 400V is also available in a Kwik-Change version (TF 400VK) for faster changeovers and a wide base model (TF 600V or VK) is also available to accommodate larger tray designs.



Typical Blank Layout and Potential Glue Bead Pattern



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