



PATTERN FORMER



The Pattern Former automates one of the most labor intensive tasks in your bakery. Filling trays and baskets with bagged product, and delivering product filled baskets to your distribution system.

The Pattern Former gently and effectively arranges your products in a pre-programmed pattern which you select. Adjustable infeed rails properly align and guide wrapped loaves or packages of rolls into the main processing area of the pattern former.

Here, a servo driven vacuum turntable with a 360-degree range of motion works in concert with pneumatically operated push blades to form a custom pattern.

Formed patterns are then placed into trays or baskets. These product filled trays or baskets are automatically conveyed to

basket stackers or to your distribution area for further processing.

Our design allows you to form an almost infinite number of customized pre-programmed basket and tray patterns.

You can count on the Stewart Systems Pattern Former to reliably and effectively automate this vital task in your distribution process.

ADVANTAGES INCLUDE:

- Compact footprint for easy placement.
- Infeed rates in excess of 65 packages per minute.
- Unlimited number of patterns available.
- Easy operator interface with full control and alarm details.
- Easy and quick pattern changes from HMI.

STEWART SYSTEMS, INC. WORLD HEADQUARTERS

808 Stewart Ave.

Plano, TX 75074

Phone: (972) 422-5808

Fax: (972) 509-8734

www.stewart-systems.com



PATTERN FORMER

Features and Benefits

BASKET SIZES

Though baskets may vary in material and size, they must fit within these size constraints and have a nesting feature for stability.

	LENGTH	WIDTH	HEIGHT
Maximum	30.38"	25.75"	6"
Minimum	24.50"	21.00"	2.75"

PATTERN FORMING

Capable of forming most bakery patterns.

Oversized patterns can be compressed in width and length up to the capabilities of the product.

Bread and buns can be loaded on the same machine.

Units can accommodate both trays and baskets on the same machine with minor mechanical adjustments.

STANDARD FEATURES:

- Stainless steel turn table and product surfaces.
- Vacuum hold down turn table.
- Plastic Belt product infeed and staging conveyor.
- Stainless steel and Lexan covers and guards.
- Eurodrive servo and standard gearmotors.
- 6" Color operator interface.
- Rugged 2" square carbon steel tubing frame construction.
- Dedicated Allen Bradley PLC control .
- Festo pneumatics.
- AB Powerflex inverters.
- Simple product change over.
 - Operator selects new product code from touch screen.
 - Operator manually adjust spacing on product in-feed conveyors.
 - PLC makes all other necessary set up changes.

OPTIONAL FEATURES:

- Pass through conveyor allows product to bypass Pattern Former. This can be used in an emergency or to manually load special orders.
- Right angle or straight basket discharge.

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