



Professional Packaging Systems

2010 S. Great Southwest Parkway
Grand Prairie, Texas 75051
www.ProPac.com

Contact

Our Packaging Experts
solutions@propac.com
888-318-0083

nVenia Arpac TrayStar Continuous Wrap-Around Tray Loader

At a Glance

- High-speed continuous-motion tray loader
- Up to 60 trays per minute
- Handles a wide range of products with many infeed options
- NEMA 12 electrical cabinet and controls

Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.



High-Speed Tray Loading up to 60 Trays per Minute

The nVenia Arpac TrayStar high-speed, continuous motion tray loader automatically loads a variety of products, such as bottles, cans, cartons, jars at speeds up to 60 trays per minute.

Wrap-around trays ensure that the product is enclosed in a tightly fit tray, preventing scuffing and product damage. The machine features gentle product handling and loading to keep your product looking newly packaged.

Arpac's rapid changeover design with color-coded lane spacing guides, user-friendly touch-screen controls, and servo controlled collators, allows line operators to switch to a different product size in less than 30 minutes. The Traystar tray loader handles a wide range of products with its many infeed options and can be easily integrated with other equipment including tray wrappers, turners, and stackers.

Arpac designs different groupers to accommodate a variety of product shapes. This assembly is used to separate products into pack groups and control the flow of product into the pacing flight bar assembly.

Features of the TrayStar

Continuous motion wraparound tray former/loader

Simple machine adjustments and quick change capabilities for fast product changeovers

Speeds up to 60 trays per minute

Heavy-duty rugged construction designed for durability and around-the-clock operation

Laser cut and CNC machined components for maximum precision
Baked on powder coat finish provides a durable scratch resistant surface and prevents corrosion
Nordson ProBlue hot melt glue unit for superior application flexibility and adhesion
Rolling canopy guarding provides safe, easy access to the machines interior
Allen-Bradley PanelView Plus 1000 operator interface with color touchscreen, message display and self-diagnostics
NEMA 12 electrical cabinet
Allen-Bradley controls
Low blank alert
Gentle product handling
Central point lubrication simplifies preventive maintenance

Options

Extended Blank Magazine
Standard or Custom Product Collation
Automatic Lane Divider
Extended Infeeds

Example Applications

Plastic bottles
Folding cartons
Cans
Glass jars
Shrink wrapped bundles

Corrugate Requirements

B flute Kraft corrugation
Burst strength: 150 or 200 lb per square inch
Balanced outside and inside liners to avert warped blanks
Minimum combined weight facings: 98 lb per square inch

Tray Sizes

Width (across machine): 7" to 18"
Length (flow direction): 9" to 23"
Tray Wall Height: 1.5"W x 4"L
Product Height: 2" to 10"

Blank Dimensions

Minimum Flat Tray Blank Size: 11" W x 9" L
Maximum Flat Tray Blank Size: 25" W x 24" L

Machine Specifications

Speed: Up to 60 trays per minute
Electrical: 240 or 480V, 3Ph, 60Hz
Air: 80 psi, 20 CFM

Product Configurations (W x L)

2x3, 3x2, 3x3, 3x4, 4x3, 4x6 (side or star wheel grouper)

5x5, 6x4, 7x5 (pin and flight bar infeeds only)

Speeds and Groupers of Arpac Traystar Tray Loaders

Model	Trays per Minute	Servo Side Belt	Servo Star Wheel	Servo Flight Bar	Top Pin Grouper	Side Blank Feed
TS-2100	Up to 35				X	X
TS-2200	Up to 45		X	X		X
TS-2300	Up to 60	X		X		X

Please [contact Pro Pac](#) or call 888-318-0083 for your shrink bundling equipment.