



Professional Packaging Systems

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nVenia Arpac DPM Intermittent Wrap-Around Case & Tray Packer



At a Glance

- Wrap-around tray former/loader
- Ideal for cans, jars, bottles
- Up to 20 trays per minute
- Heavy-duty rugged stainless steel construction
- 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.

Wrap Around Case Packing at 20 Cases per Minute

The nVenia Arpac DPM intermittent motion wrap-around case and tray packers are designed to package a wide variety of products in cases or trays. Reaching speeds up to 25 cases or trays per minute, these rugged machines help minimize labor requirements and increase production output.

By integrating blank feeding, product loading, case forming and container sealing into a single, compact machine, the DPM is ideal for packaging cans, jars, bottles and a host of other products.

Wrap-around case or tray blanks can reduce the amount of corrugated board used by up to 25 percent, with additional savings in warehouse space and lower handling costs.

Tightly wrapped cases and trays enhance stacking strength and help reduce damage caused by products shifting during shipping and handling. If additional strength is required, partitions may be inserted into the case or tray.

Arpac's DPM systems are easily integrated into new lines with other packaging equipment – after cartoners and shrink bundlers, or before tray stackers, shrink wrappers and palletizers.

Features of the Arpac DPM

- Intermittent motion wrap-around case or tray packer
- Combines erecting, loading and sealing into one system
- Speeds up to 20 cycles per minute

Heavy-duty rugged construction designed for high 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
Allen-Bradley programmable logic controller
Arpac operator interface with self-diagnostics, cycle counting and system interlocks
Digital controls for fast and accurate setup when changing product size
Designed to integrate with custom line controls
Crank adjustable blank feed with precision scales for easy setup
Zero clearance systems form a tight package, transforming a flat board to a wrap-around case/tray for superior product protection
Electrically interlocking guards and control box doors
Squaring compression for tidy package appearance
Durable Intralox conveyor eliminates tracking problems
Nordson ProBlue hot melt adhesive system for superior application flexibility and adhesion
NEMA 12 electrical cabinet and controls
Low blank alert
Central point lubrication simplifies routine maintenance

Options

Standard and customized infeeds
Servo-operated drop zone
Vacuum platen for electric turbine vacuum generator (No compressed air)
Magnetic platen
FOL (Full OverLap) instead of RSC (Regular Slotted Case)
Crank adjustable lanes
Extended hopper

Example Applications

Bottles
Glass jars
Brick packs
Bags
Cans
Multi-packs
Grease tubes
Cartons
Boxes
Tubs

Case Sizes

Width (across machine): 9" to 20"
Length (flow direction): 5" to 14"
Height: 3" to 10"

Tray Sizes

Width (across machine): 9" to 20"
Length (flow direction): 7" to 14"

Height: 3" to 10"

Wall Height: 1.5" to 10"

Corrugate Requirements

B or C flute 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

Maximum 0.25" warp over 12" corrugated surface

Glue Type

Food grade hot melt adhesive

Transparent, odorless, granulated

0.5 – 1 second set time

Ejected at 300° to 350°F (160° to 180° C)

Machine Specifications

Speed: Up to 20 cases / trays per minute

Electrical: 230 or 460V, 3Ph, 60Hz

Air: 80 psi, 20 CFM