



## Professional Packaging Systems

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# nVenia Arpac EL Intermittent End-Load Tray & Case Loader

## At a Glance

- Intermittent motion end load case packer
- Up to 25 cases per minute
- Complete system collates product, loads into tray/case, forms, and seals
- 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.



## Intermittent Case Packing at 25 Cases per Minute

The nVenia Arpac EL intermittent motion end-load tray and case packers are designed to serve a wide range of industries. At speeds up to 25 trays or cases per minute, these rugged systems help minimize labor requirements and increase production output.

The EL combines product accumulation, tray and case forming, loading and sealing into a single compact system, and is well suited to handle a wide range of product configurations and applications including: plastic bottles, cans, boxes, folding cartons, bags and glass jars.

Material savings are realized by the end-load style tray and case. These tray/cases use less materials than conventional top-load style containers.

The Arpac EL is easily integrated into new and existing production lines and with other Arpac packaging equipment.

## Features of the EL

Intermittent motion end-load tray loader or case packer

Completely integrated system that collates product, loads into a tray/case, forms and seals

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

Allen-Bradley PanelView Plus 600 operator interface with color touchscreen, message display and self-diagnostics

Digital controls for fast and accurate setup when changing product size

Designed to integrate with custom line controls

Gentle product handling with pneumatic or servo-driven system

Rapid changeovers in less than 30 minutes

Vacuum blank feed handles variation in corrugated board and can be resupplied while machine is operating

Durable Intralox conveyor belts eliminate tracking problems

Nordson ProBlue hot melt adhesive system for superior application flexibility and adhesion

NEMA 12 electrical cabinet and controls

Central point lubrication simplifies preventive maintenance

## Options

Servo driven indexing and compression

Crank adjustable lane guides

Complete automatic changeover with pushbutton control

Extended blank feed

Custom product collation

Left or right hand operation

Left or right hand 90° infeed

## Example Applications

Plastic bottles

Glass bottles and jars

Folding cartons

Liquid filled boxes

Grease tubes

Cans

Multi-packs

Paper tablets

## Product Sizes

Minimum product size: 7" W x 5.5" L x 3" H

Maximum product size: 21" W x 15" L x 8" H

Tray Wall Height: 1.5" to 3.75"

## 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" warpage over 12" corrugate surface

## Blank Dimensions

Maximum blank size: 30" across machine direction x 25" machine direction

Minimum blank size: 9.75" across machine direction x 7" machine direction

## 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 25 cases / trays per minute

Electrical: 460VAC, 3Ph, 60Hz

Air: 80 psi, 20 CFM