ARPAC
GROUP ™

PACKAGING SOLUTIONS THAT MEAN BUSINESS

DPM-2000 SERIES

INTERMITTENT MOTION WRAP-AROUND CASE/TRAY PACKER

ARPAC's DPM-2000 SERIES intermittent motion wrap-around case/tray packers are designed to package a wide variety of products in cases or trays. Reaching speeds up to 25 cases/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-2000 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-2000 systems are easily integrated into new lines with other packaging equipment - after cartoners and shrink bundlers, or before tray stackers, shrink wrappers and palletizers.

DPM-2000 SERIES

**Right hand model shown
with optional lane divider**

Infeed Accumulation Section

Product Loader

APPLICATIONS

- Bottles
- Cartons
- Multipacks
- Brick packs
- Tubs

- Cans
- Glass jars
- Boxes
- Grease tubes
- Bags

Lowerator/Case Former
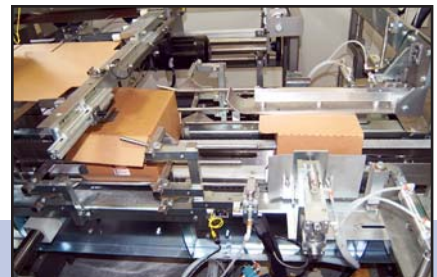

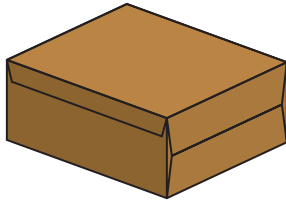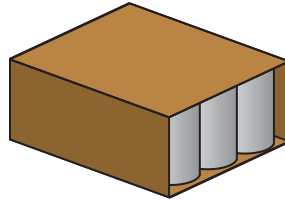**Glue Section**

Case Discharge
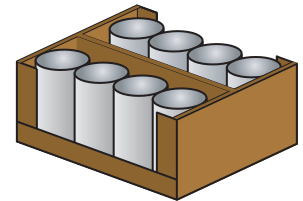
case-pack

tray-pack

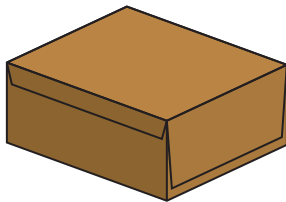# WRAP-AROUND PACKAGE STYLES

Zero clearance system forms tight packages

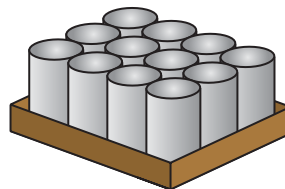**RSC Flaps (Regular Slotted Case)**
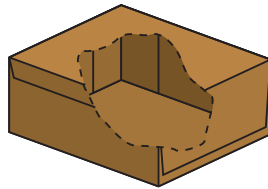
Tube/Sleeve

Tray with Partition

**FOL Flaps (Full Overlap)
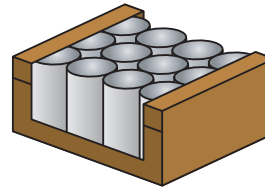or POL Flaps (Partial Overlap)**

Low or High Wall Tray

Display Style Case

Super Stack Case with Double Corner

Stackable Tray

WRAP-AROUND PROCESS

A corrugated blank is separated from the blank stack by a vacuum and fed into the loading position. Products are collated, then placed onto a flat corrugated blank.

The product and the corrugated blank are lowered simultaneously, folding the flaps and forming the case or tray around the product.

Hot melt adhesive is applied to the flaps, and the case is formed tightly around the product.

Cases or trays are squared in the compression section and are ready for discharge to the palletizer.

DPM-2000 SERIES

- wrap-around case/tray packer
- better product protection
- minimizes corrugated usage
- reduces labor
- easy case-to-tray conversion
- simple system integration


Standard Nordson ProBlue® Glue Unit

User-Friendly Operator Controls

Crank Adjustable Blank Feed

FEATURES

- Intermittent motion wrap-around case or tray packer
- Combines erecting, loading and sealing into one system
- Speeds up to 25 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 paint 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

OPTIONAL LANE DIVIDER

118 $\frac{1}{2}$

48

172 $\frac{1}{2}$

44 $^{+2}_{-0}$

30 $^{+2}_{-0}$
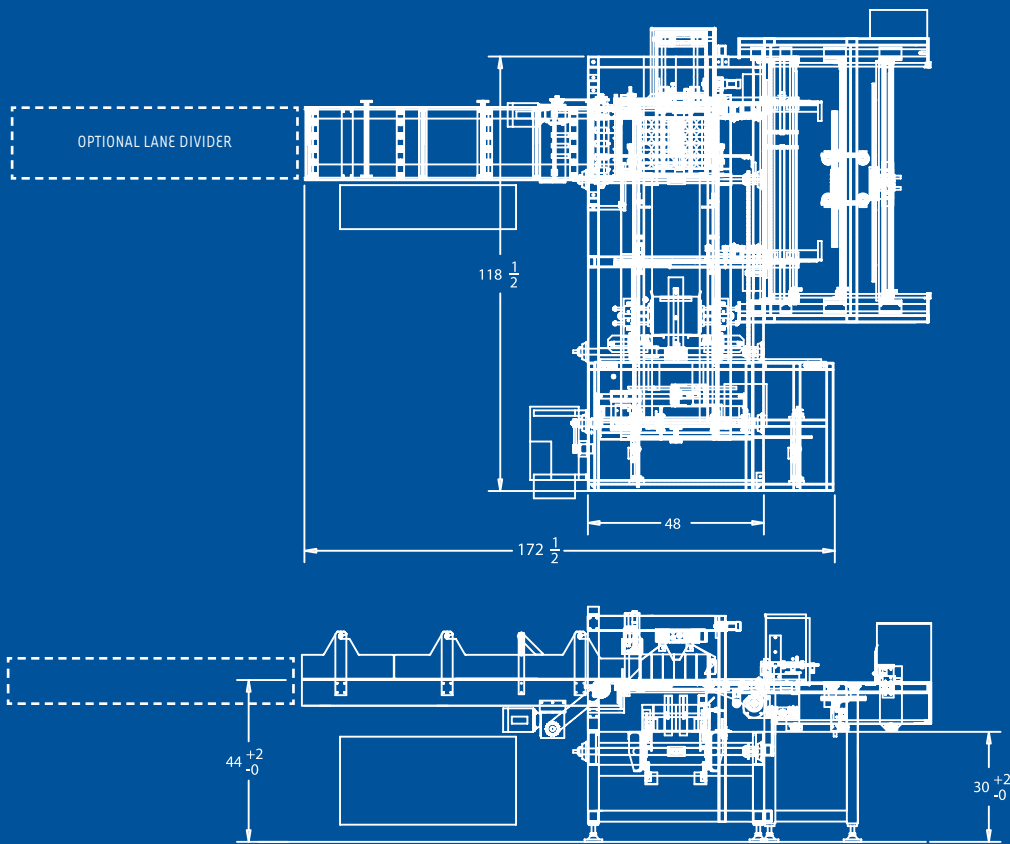
Right hand model DPM-2211 shown
Opposite hand available on request

SPECIFICATIONS

Speed

• Output speed: up to 25 cases/trays per minute

Power Requirements

• Electrical: 230 or 460V, 3Ph, 60Hz, 50 or 25A, (20 kW)

• Pneumatic: 80 psi, 20 SCFM (25 cycles per minute)

OPTIONS

• Air or servo product divider

• Extended blank hopper

• Stackable tray kit

• Pad inserter

• Stainless-steel construction for clean operation

• NEMA 4X electrical cabinet for washdown environments

• Other voltages available on request

• Inline infeed and discharge

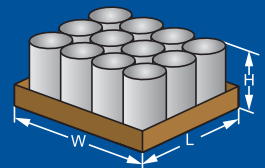• Inside manufacturing joint

Product Range

Case Sizes*

• Width (across machine): 9"–20"

• Length (flow direction): 5"–14"

• Height: 3"–10"
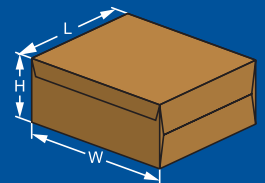
Tray Sizes*

• Width (across machine): 9"–20"

• Length (flow direction): 7"–14"

• Height: 3"–10"

• Tray wall height: 1.5"–10"

*Other sizes available upon request

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