



Spectrum™ series SERVO MULTIPACKER

Designed for flexible performance, Spectrum™ Series Multipackers provide solutions for a variety of applications including soft drinks to brewery, to dairy and health drinks. With impressive 2,400 cans or 1,400 bottles per minute, these flexible solutions are available in 4 - 8, 4 - 12, 8 - 24, 12 - 24 single tier, and various two-tier configurations.



RELIABILITY-----

Efficient Selector Bar Metering: Easily adapts to glass and two-piece or three-piece cans. This metering style quickly meters products in a smooth, continuous motion, providing faster speeds and fewer damaged products.

EFFICIENCY-----

Positive Placement Carton Setup: New air-assisted carton setup or our industry-proven rotary placer are flexible solutions for any application.

INNOVATION-----

High to Low Speed Loading: High to low speed barrel cam loading gently transfers products during the loading process.

Carton Closing and Sealing: When closing and sealing your carton, our multipacker utilizes the combination of live closures and static plows. This concept minimizes carton friction and resistance, ensuring consistently formed cartons.





Simple infeed easily adapts the multipacker to your product.

FLEXIBLE INFEEDES:

A simple flood style infeed easily adapts our Spectrum™ Series Multipackers to your product. Efficient features, such as infeed surge control and downed product sensors, ensure your line will run at its maximum capacity.



Efficient selector bar metering adapts to single or two-tier packs.

EFFICIENT SELECTOR BAR METERING:

Efficient selector bar servo controlled metering easily adapts to glass and two-piece or three-piece cans. The gradual grouping process introduces the selector bars into the moving products, at an angle, without interrupting product flow or damaging product. This metering style quickly meters products in a smooth, continuous motion, providing faster speeds and less damaged product. Multipack configurations are metered anywhere from 4 to 24 single tier or various two-tier configurations.



Loading techniques assure easy product transition into cartons.

HIGH TO LOW SPEED LOADING:

High to low speed barrel cam loading assures an easy product transition into cartons by using a smooth cross-push motion. The gentle cam motion controls acceleration of the product, assuring ultimate product control during the loading process. Potential jams are reduced with our anti-jam device, minimizing risk of machine damage and costly machine downtime.



Positive placement carton setup adapts to varying carton styles on one machine.

POSITIVE PLACEMENT CARTON SETUP:

Air Assist Setup: Our next generation design is the air-assisted carton setup system. This flexible high-speed system easily accommodates varying carton styles on one machine. The new ergonomically designed, low-level magazine adds loading convenience and enhances machine aesthetics.

Industry-Proven Rotary Placer: Our industry-proven rotary placer utilizes planetary rotation to assure smooth and consistent operation during carton setup.



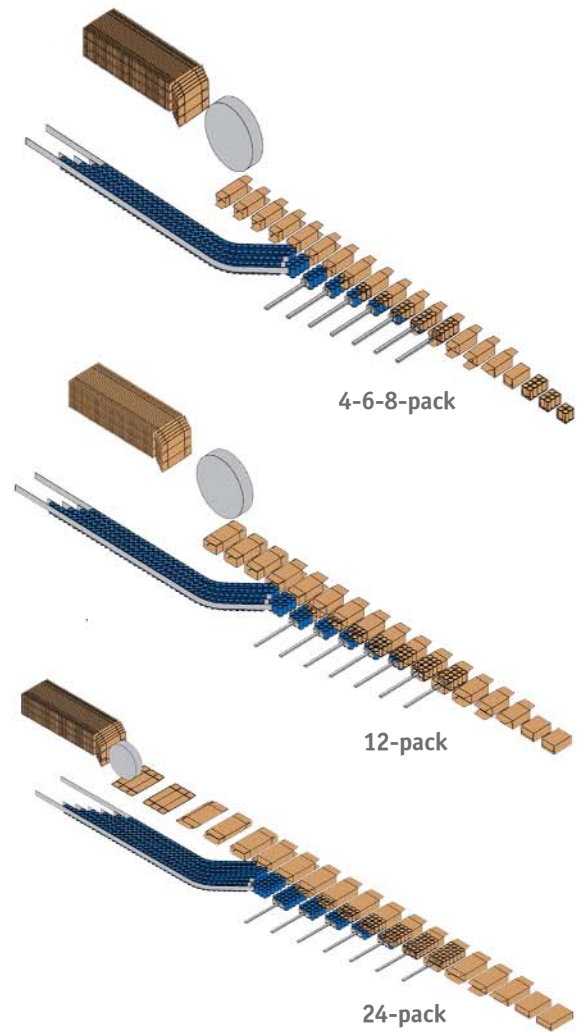
Live closures and static plows ensure consistently formed cartons.

CARTON CLOSING AND SEALING:

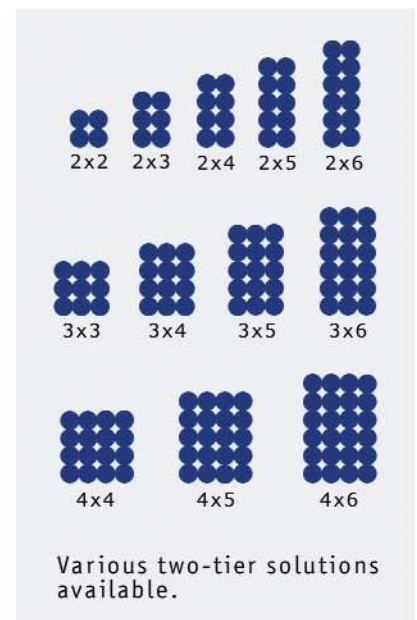
When closing and sealing your carton, the Spectrum™ utilizes the combination of live closures and static plows. This concept minimizes carton friction and resistance, ensuring consistently formed cartons. A controlled stop prevents unsealed cartons from exiting the multipacker.

SPECIFICATIONS:

DRIVE:	Servo drive motors.
PITCH:	Application dependent.
FLIGHT CHAINS:	Application dependent.
SPEED:	Up to 2,400 cans or 1,400 bottles per minute (product and pack pattern dependent).
PRODUCT SIZE RANGE:	Per project specification.
PACKAGE SIZE RANGE:	Per project specification.
MAGAZINE CAPACITY:	4 ft. (1.2 m.). Shorter or longer capacities (optional).
FRAME:	Bar stock carbon steel. Stainless steel (optional).
LEGS:	Threaded.
ADJUSTMENTS:	Threaded screws, handwheels, and handknobs with position pointers and scales. Digital scales, phase adjustments, and tool-free packages (application dependent) optional.
INFEEDS:	Flood style.
CARTON SETUP/FEEDER:	Rotary placer with vacuum or air-assisted carton setup.
CARTON POSITIONING:	Traveling flights.
GLUE SYSTEM:	NORDSON series or per project specification.
CARTON CLOSING:	Plow type with dynamic flap folding and controlled stop.
COMPRESSION:	Timing belt drive.
GUARDING:	Interlocked full length, lift-off polycarbonate guards. Other guard packages per project specification.
ELECTRICAL:	Allen Bradley programmable logic controller or per project specification. Touch screen operator interface panel. NEMA 12 wiring and enclosures. Cartons per minute readout. Jog control. Delay start with alarm. NEMA 4 or 4X wiring and enclosures (optional).
COMPONENTS:	Vacuum system. Air filter regulator/lubricator. Step-down transformer.
INSTALLATION REQUIREMENTS:	Power: One drop 230/480 VAC, 50/60 Hz, 3 PH. Other power sources available. Air: One drop 80-100 PSI (5.5-6.9 bar).



Typical Pack Patterns





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