



NIGRELLI
by **bw** packaging

END-OF-LINE

SHRINK BUNDLING



FLEXWRAP CM CONTINUOUS MOTION SHRINK BUNDLER



Shrink bundling is an incredibly efficient process that involves bundling multiple products together and then shrink-wrapping them to provide an extra layer of protection. Nigrelli's FlexWrap CM Continuous Motion Shrink Bundlers take this process to new heights by incorporating a wide range of innovative features. These "plus" features are specifically designed to boost production rates, simplify operation, and maximize the overall productivity of your manufacturing plant. When combined with sturdy corrugated trays, this bundling technique offers exceptional stability for heavier items such as canned goods. As a result, it becomes an incredibly effective method for stacking, palletizing, transporting, and distributing goods to various consumer outlets, ensuring that they are readily available for shelf stocking.

Nigrelli FlexWrap CM Continuous Motion Shrink Bundler

DESCRIPTION

Our groundbreaking "Plus" Control System is a state-of-the-art Programmable Logic Controller equipped with an intuitive HMI that effortlessly controls and monitors every aspect of your machine's functions. Keep a close eye on production rates, receive real-time updates on machine faults, and enjoy complete control like never before.

Experience ultimate convenience with the side-mounted dual film cradle featuring a tool-less centering device. Loading and adjustments have never been easier, while precise film positioning guarantees flawless results. And with the servo-driven seal bar carriage, you can achieve optimal speed with adjustable precision through the user-friendly HMI.

Say goodbye to costly downtime caused by damaged seal bars. Our revolutionary "quick-change" seal bar design allows for hassle-free removal and replacement in under three minutes. Fine-tune your bundler operation during production runs to maximize machine performance, all while minimizing film usage.

We haven't forgotten about efficiency either. Our energy-efficient shrink tunnel boasts 6" high-temperature insulation, ensuring minimal heat loss and unmatched oven efficiency. With external adjustment knobs, operators can safely adjust airflow baffles, providing complete control over the process. Paired with variable-speed oven fans, these baffles guarantee tight bundles with a uniform shrink, every single time.

FEATURES

- CM (Continuous Motion) overwrap system provides maximum production speed
- Automatic degrouping system includes tool-less adjustable flight lug spacing
- Servo-driven seal bar carriage with quick-change, adjustable height seal bar
- On-the-fly adjustments through workstation touchscreen
- PLC control system with diagnostic display panel
- Positive film feed with dual rollers for easy film changeover



Speed *	Machine Dimensions	Electrical Requirements	Discharge Height
• 50 bundles per minute	• Length: 20'6" (6.25 m) ** • Width: 44" (111.76 cm) ** • Height: 6'10" (2.08 m)	• 208, 240, or 480 VAC, 3 phase, 60 Hz. Other electrical requirements available upon request.	• 36" ± 2" (91.44 cm ± 5.08 cm)
Discharge Elevation	Maximum Product Height ***	Maximum Film Width ****	Compressed Air
• 36" ± 2" (91.44 cm ± 5.08 cm)	• 13" (33.02 cm)	• 25" (63.50 cm)	• 80 psi

* Dependent upon product size, pack pattern and film millage

** Standard frame dimensions

*** For taller products, consult sales

**** For greater film width capacity, consult sales

Contact our experienced sales teams today for a comprehensive review of your application(s) and to see how our FlexWrap Continuous Motion Shrink Bundlers can benefit your company.