



NIGRELLI
by **bw** packaging

END-OF-LINE

SHRINK BUNDLING



FLEXWRAP IM SHRINK BUNDLER

Video



Shrink bundling is a highly efficient process that involves combining multiple products together and then shrink-wrapping them for an added layer of protection. Nigrelli's FlexWrap IM Shrink Bundlers offer the most versatile and efficient technologies available in today's packaging industry. Our customized infeed and collating solutions surpass the capabilities of other systems and are designed to meet individual requirements.

Nigrelli FlexWrap IM Shrink Bundler

DESCRIPTION

Our shrink tunnel is designed to minimize heat loss and maximize oven efficiency with its 6" high temperature insulation. Equipped with a bank of nine heaters, six of which are on automatic thermocouple control, our shrink tunnel intelligently regulates heat to conserve energy. What sets us apart is our exclusive free-air-flow feature, allowing hot air to circulate completely around each bundle for a tighter, more uniform shrink with less energy consumption.

Our FlexWrap IM Bundlers utilize a state-of-the-art hot coated knife for film sealing and cutting. By eliminating the need for hot wires, we eliminate the possibility of costly downtime. Our sealing bar is equipped with a built-in safety system to prevent accidents and crushed packages, ensuring seamless operations.

With our innovative automatic feed system, the film is effortlessly pulled from the roll and accurately measured to match the size of the bundle using a dancer bar. This precise method of film dispensing significantly reduces film usage and waste, and is a standard feature across all our models.

FEATURES

- Hot knife sealing bar system
- Positive film feed with dual roll holders for easy film changeover
- Allen-Bradley Logix Series PLC
- Watlow electronic temperature control
- Allen-Bradley PanelView HMI
- Energy saving heat tunnel
- Available with inline or perpendicular infeed



Speed	Discharge Elevation	Maximum Product Height	Maximum Film Width
<ul style="list-style-type: none">• Tray wrappers (single lane): Up to 27 trays/min• Multipacker (single lane): Up to 20 bundles/min• Multipacker (dual lane): Up to 38 bundles/min• Semi-automatic: 8-10 packs/min	<ul style="list-style-type: none">• 36" ± 2" (91.44 cm ± 5.08 cm)	<ul style="list-style-type: none">• 12" (30.48 cm)	<ul style="list-style-type: none">• Single lane: 27" seal bar - 25"• Dual lane: 27" seal bar - 11 ½"

Seal Bar Availability	Electrical Requirements	Air Requirements
<ul style="list-style-type: none">• Machine models are available with 27", 32", 36" and 42" seal bars	<ul style="list-style-type: none">• 208, 240 or 480 VAC, 3-phase, 60 Hz	<ul style="list-style-type: none">• 80 PSI (5.5 bar)

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