



NIGRELLI
by **bw** packaging

END-OF-LINE

CASE PACKING



DIPLOMAT CL CASE PACKER

Video



Introducing Nigrelli's Diplomat CL Case Packers - the ultimate continuous motion packing systems designed to effortlessly load 6 count - 1 gallon and 8 count - 1/2 gallon bottles into preformed trays or cases with remarkable speed, handling up to 240 bottles per minute. Our versatile packers can accommodate corrugated, plastic or wire cases, whether they are shallow or full depth, and can even handle cases with or without flaps. Experience the efficiency and precision of our innovative packing solution today.

Nigrelli Diplomat CL Case Packer

DESCRIPTION

During operation, the product is fed into the upper section of the packer in balanced and divided lanes via customer or BW Integrated Systems supplied conveyor. Cases are then fed single file to the lower case conveyor section of the packer via customer or BW Integrated Systems supplied conveyor. Cases received on the packer conveyor are then metered in time with the product at the loading station. Loose product having been fed onto the packer's infeed conveyor are grouped into the required configuration and released into a continuously moving overhead pusher chain. This system guides each bottle independently through a grid where it is blended with its matching case. Fully loaded cases are then discharged onto the take-away conveyor.

FEATURES

- Packs plastic or corrugated wire baskets from shallow trays to full depth cases
- Gentle product handling
- Fast changeover without special tools
- Overload protection
- Multiple product sizes and formats
- Specially designed grouper system
- Bottle guides and pusher lugs
- Allen-Bradley Logix Series PLC
- Allen-Bradley Kinetix Series servo motors & drives
- Allen-Bradley PanelView HMI
- Low friction thermoplastic conveyor chains
- Internal timing and controls
- Right or left hand operator station
- Line controls
- Lincoln central lubrication - hand pump
- Safety switches on all access guards
- Built-in brake for each lane
- All servo driven



| Output Speed | Electrical Requirements | Components | Machine Changeover |
|--|---|---|--|
| <ul style="list-style-type: none">• Up to 40 cpm | <ul style="list-style-type: none">• 230/460VAC, 3-phase• Control Voltage: 120 Volt or 24 VDC | <ul style="list-style-type: none">• Efficient vacuum system, air filter regulator, step-down transformer for controls | <ul style="list-style-type: none">• 10 - 20 minutes (2 people) |

Contact our experienced sales teams today for a comprehensive review of your application(s) and to see how our Diplomat Case Packers can benefit your company.