



NIGRELLI
by **bw** packaging

END-OF-LINE

TRAY PACKING



DIPLOMAT TL TRAY LOADER/PACKER

Video



Video



Nigrelli's Diplomat TL Tray Loader/Packers are the ultimate solution for your packaging needs! Our continuous-motion packing systems are designed to effortlessly load a wide range of products, whether they are loose items or multi-packs, into perfectly preformed trays. The Diplomat is available tailored to meet your specific line speed requirements, from lower speed ranges to a staggering 100 tray loads per minute, we have got you covered! Experience the efficiency, precision, and speed of Nigrelli's Diplomat TL Tray Loader/Packers and take your packaging process to new heights.

Nigrelli Diplomat TL Tray Loader/Packer

DESCRIPTION

Product, whether in loose or multi-pack formats, is smoothly fed into the upper section of the Diplomat TL, with a perfect balance and divided into lanes, courtesy of our customer or BW Integrated Systems' supplied conveyor. Trays are then fed in a single-file manner to the lower case conveyor section of the Diplomat, also on the customer or BW Integrated Systems' supplied conveyor.

Once the trays reach the Diplomat tray conveyor, they are metered in time with the product at the loading station. Loose product or multi-packs, after being carefully placed on the Diplomat's infeed conveyor, are grouped in the required configuration and released onto a continuously moving flight bar. This flight bar conveys the product to the loading station, where it is blended with its matching tray. Once fully loaded, the trays are swiftly discharged onto a convenient takeaway conveyor.

Our Diplomat Tray Loader/Packers are renowned for their reliable operation, ensuring the smooth loading of a wide range of products, including cans, cartons, and multi-packs, into preformed trays.

FEATURES

- Operator-free tray packing operation
- Rates up to 100 trays per minute
- On-demand operation
- Accommodates corrugated or plastic trays
- Soft-start operation
- Compact, space-saving equipment footprint
- Specially designed grouper mechanism
- Servo driven for rapid package configuration changeover

| Electrical Requirements | Air Requirements |
|--|--|
| <ul style="list-style-type: none">• 230/460 VAC, 3-phase• Control Voltage: 120 Volt or 24 VDC | <ul style="list-style-type: none">• 80 psi (approx. 0.004 cf / tray) |



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