



NIGRELLI
by **bw** packaging

END-OF-LINE

CASE PACKING



KD 40 SIDE LOAD CASE PACKER

Video



Video



Nigrelli KD 40 Side Load Case Packers are the ultimate solution for fully automated case packaging. This solution is designed to effortlessly end-load a wide range of products into either a regular slotted case (RSC Style) or a half-slotted case (HSC Style). With the help of our loader and infeed system, the KD 40 smoothly takes a corrugated blank and feeds it into the machine. From there, the case is erected, perfectly positioned for loading, and the flaps are seamlessly closed and sealed, ready for efficient palletizing.

Nigrelli KD 40 Side Load Case Packer

DESCRIPTION

With its quiet and low maintenance operation, the KD 40 boasts an innovative air Venturi system that guarantees the efficient opening of vacuum cups, resulting in higher production rates. The four-station case packer not only ensures precise control of the case throughout the loading, flap folding, and sealing processes, but it also offers a diverse range of loader, accumulation, and infeed sections to tackle even the most challenging case packaging applications.

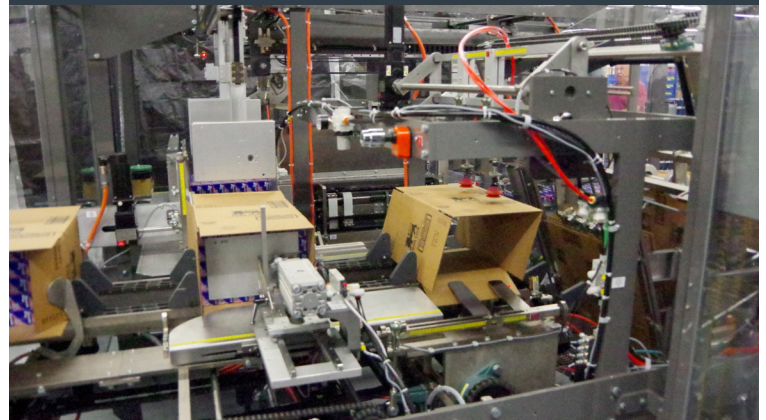
FEATURES

- All servo driven
- Case draw down mechanism
- Full length polycarbonate guard package
- Allen-Bradley PanelView HMI
- Nordson hot-melt glue system
- Allen-Bradley Logix Series PLC
- PIAB vacuum generator system

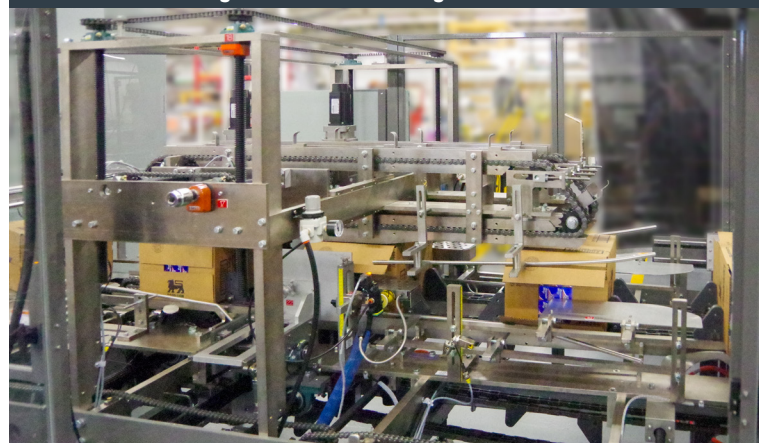
AVAILABLE OPTIONS

- Pressure-sensitive tape closing
- Low-level case detection
- Open flap detection
- Beacon lights to indicate case packer operation
- Length of magazine (up to 8' long)
- High and low surge controls
- Digital indicators and calibrated scales
- 380 volt electrical power
- Auto changeover package

Vacuum cups opening case blank while cases are being packed



Cases being sealed and discharged from the machine



| Speed | Case Size Range | Electrical Requirements | Air Requirements |
|---|---|--|---|
| <ul style="list-style-type: none">• Up to 40 cases per minute when using RSC corrugated containers; final speed is dependent on product and product orientation | <ul style="list-style-type: none">• Length: 8" - 22" (20.32 - 55.88 cm)• Width: 4" - 16" (10.16 - 40.64 cm)• Depth: 6.5" - 20" (16.51 - 50.80 cm) | <ul style="list-style-type: none">• 240/480 volts, 3 phase, 60 Hz• Control Voltage: 24 VDC• Hot-Melt Circuit (case erector or sealer): 240 volt, 60 hertz, 1 to 3 phase (optional transformer available if incoming voltage is other than 240)• Machine Current Draw - Dependent on loader used | <ul style="list-style-type: none">• Operating Pressure: 80 psi (5.4 atm)• Line Pressure: 90 psi (6.1 atm)• Max Free Air Consumption: 1.24 cu. ft. per cycle |

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