



**NIGRELLI**  
by **bw** packaging

**END-OF-LINE**

**CASE PACKING**



## KD 20 SIDE LOAD CASE PACKER



Nigrelli KD 20 Side Load Case Packers are compact machines designed specifically for the food, beverage, and consumer products industries. With its versatile capabilities, the KD 20 effortlessly handles a diverse range of product styles, from cartons and tubs to cans and jars. Experience the convenience of various infeed options that seamlessly collate your packaged products before loading. Whether you prefer an in-line, reverse, or right-angle flow system, the modular design of the KD 20 allows for easy configuration.

# Nigrelli KD 20 Side Load Case Packer

## DESCRIPTION

The KD 20 is a compact, flexible, and cost-efficient solution that automates the packaging process with a remarkable speed range of up to twenty cases per minute. This packer's operations are performed in four stations on a single level. Station one consists of the case blank feed, where blanks are separated with vacuum cups and placed between the carrier chain flight lugs to preform the case for incoming products. Moving to station two, the product infeed station, where the patterned product is loaded into the preformed case and indexed to station three. Station three showcases the flap folding/gluing station while station four, the compression station, compresses the major flaps and seals with a strip application of adhesive by a hot-melt glue system.

## FEATURES

- Infeed systems designed for your specific requirements
- Allen-Bradley Logix Series PLC
- Allen-Bradley PanelView HMI
- Nordson hot-melt glue system
- Servo-indexing case flight system
- Self-contained vacuum generator system

## AVAILABLE OPTIONS

- Variety of control/HMI options
- Digital read-out adjustment package
- Horizontal case magazine
- Low case blank detection
- Stainless steel frame construction
- NEMA 4X washdown electrical construction
- Self-contained vacuum system reduces air consumption
- UL listed electrical enclosures
- Plug-in jog cord
- Three-color beacon



Case Size Ranges	Electrical Requirements	Air Requirements
<ul style="list-style-type: none"><li>• Pitch Index: 18 3/4" (476mm)   26 1/4" (667mm)</li><li>• Length: 4" - 13.5" (102 - 343mm)   4" - 18" (102 - 457mm)</li><li>• Width: 4" - 12" (102 - 305mm)</li><li>• Depth: 5" - 16" (127 - 406mm)   6" to 16" (152 - 406mm)</li></ul>	<ul style="list-style-type: none"><li>• 240/480 volts, 3 phase, 60 Hz</li><li>• Control Voltage: 24 VDC</li><li>• 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)</li><li>• Machine Current Draw - Dependent on loader used</li></ul>	<ul style="list-style-type: none"><li>• Operating Pressure: 80 psi (5.4 atm)</li><li>• Line Pressure: 90 psi (6.1 atm)</li><li>• Max Free Air Consumption: 1.24 cu. ft. per cycle</li></ul>

**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.