



ENKOpack: Vision / Robot Packing ASP01

The ENKOpack ASP01 is an automated strip packing unit designed to operate in combination with the ENKOTEC CTS02 paper collator, providing efficient and reliable packing of collated nail strips.

Developed for high productivity, the ENKOpack: ASP01 enables a complete collating and packing line to be operated with minimal operator involvement. In a configuration with two ENKOTEC lines, a single operator can manage an out-put of up to 3,300 nails per minute, significantly improving production efficiency.

The machine packs one strip per cycle at speeds of up to 55 strips per minute, delivering precise and consistent horizontal stacking of strips into cartons. The flexible packing system accommodates a wide range of box formats, including cartons with or without handles.

To ensure consistent product quality, all strips are vision inspected in a closed cabinet before the packing process begins. Any strip outside specification is automatically rejected before entering the carton. A bypass function allows operators to access the packing area when required, without interrupting the nail flow from the collator, helping maintain continuous production.

Key Advantages:

- High-speed packing of individual nail strips (up to 55 strips/minute)
- Automated packing with minimal operator supervision
- Flexible horizontal strip stacking into a wide range of carton types
- Vision inspection of all strips before packing
- Automatic rejection of strips outside specification
- Intuitive HMI touch panel with packing and quality recipes



kp/2603



ENKOpack Automated Strip Packing ASP01

Output.	Up to 55 strips per minute
Nail Types.	D-head, Offset head
Strips length.	Min 100 mm Max 200 mm / Min 4" Max 8" Point to Point
Nail Length.	50 - 100 mm / 2" - 3 15/16"
Dimensions ex. Electrical cabinet.	L=4,025 mm, H=2,240 mm, W=2,060 mm 13' 2,5" x 7' 4,2" x 6' 9,1"
Weight.	825 kg / 1,819 lbs.
Compressed Air.	Approx. 272 l/min. / 72 gpm. / 16,3 m ³ /h / 6 bar / 72 psi.
Box Sizes.	L=190-305 mm, H=65-165mm, W=100-260 mm 7.5"-12.0" x 2.6"-6.5" x 3.9"-10.2"
Total length for collator vision	CTS02 + Vision + coating + ASP01 = 12,050mm / 39' 6,4"

ENKOpack Vision inspection

Vision Control	Angle - Tape Placement - Head Alignment - Nail in Strips
Electric control.	Supply only from ASP01 electrical cabinet
Strips length, Point to Point	Min 100 mm Max 200 mm / Min 4" Max 8"
Nail Length	50 - 100 mm / 2"- 4"
Dimensions	L=1,630 mm, H=1,150 mm, W=540 mm 5' 4,2" x 3' 9,3" x 1' 9,3"
Weight	160 kg / 1,1819 lbs.