

Omniwrap



Stretch Wraps As It Palletizes

vonGAL. One of the world's most respected names in material handling technology, creating the unique Omniwrap high speed palletizer — designed especially for the evolving needs of today's manufacturers and distribution centers.

Nestled inside the Z-5 Palletizer's hoist is a high performance SmartWrap stretch wrapper. As layers of cases, cartons or sacks are deposited onto pallets, they are automatically stretch wrapped, adding instant stability and increased throughput. That means no more problems with unstable column stacks, or by light or tall loads. In addition to the combination of high-speed, precise controls and

positive handling characteristics make the Z-5 ideal for cost conscious manufacturers and distribution companies striving to achieve high quality and continuous improvement.

Z-5 Means High Speed

The vonGAL Z-5 maximizes throughput potential by absorbing the workloads of multiple lines — automatically and without damage to products or packaging. Once introduced onto the Z-5, cases are rapidly segregated into pre-programmed lanes and then formed into interlocking column stack patterns by multiple overhead case turners.

- ◆ *The Z-5's higher speeds and increased throughput mean fewer palletizers are needed.*
- ◆ *The Z-5's unique, integrated design eliminates the need for discrete wrapping stations and their supporting conveyors.*

The Z-5 provides real savings — in reduced personnel requirements, in capital equipment needs, in floor space and in maintenance

- ◆ *The Z-5 can be programmed to palletize the precise number of items for any customer order — in full and partial pallets.*
- ◆ *The Z-5 provides the assurance of a smooth, high-speed work flow that can keep your material handling system operating without bottlenecks.*

The high-speed Translide slat sorter directs cartons and cases into pre-programmed lanes for pallet layer formation

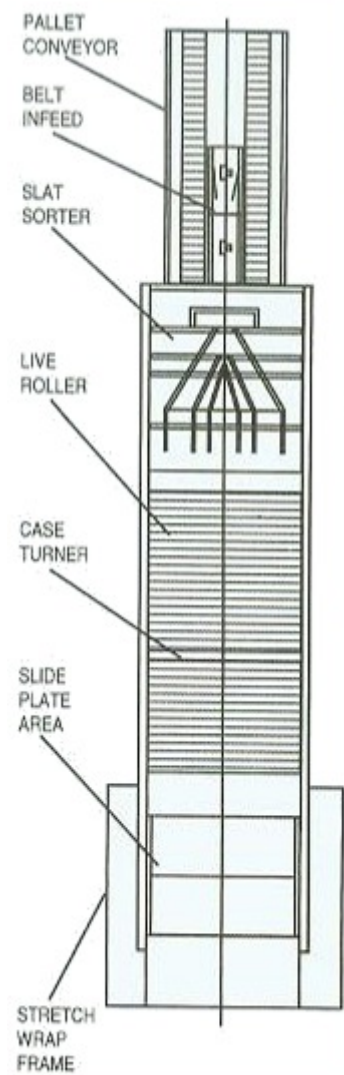


1-800-542-6570
www.vongal.com

The logo for vonGAL, featuring a stylized 'V' symbol to the left of the word 'vonGAL' in a bold, sans-serif font.

Product is held on single or dual accumulators until an entire layer is formed, before moving onto biparting stripper plates for deposit onto the awaiting pallet. Cycle times are held to absolute minimums by coordinating the formation of each new layer with the simultaneous stretch wrapping of it's predecessor. The vonGAL Z-5 builds pallet loads at a rate of 9 layers per minute, depending upon pattern configuration. And because of the integration of the SmartWrap into the Z-5 Palletizer, the time it used to take to transport a pallet and stretch wrap it at a remote location has been eliminated — which further increases overall throughput.

The fully integrated SmartWrap stretch wrapper (safety guards removed for photos) requires fewer revolutions than conventional top to bottom wrappers, providing additional savings in time and material costs



FEATURES AND SPECIFICATIONS

Operation:	Completely automatic, no operator required
Speed:	60-80 cases/min., 7-9 layers/min., max. 1 pallet load/min.
Electrical Connection	208/230/460v/3ph/60Hz
Programming	Allen Bradley SLC-503
Control Circuits	24 Vdc or 115 Vac
Connector Motor HP	Average = 21HP
Operator Controls	Allen Bradley programmable controller
Pallet Size	Minimum 36" x 30" – 48" x 40" maximum
Pallet Material	Wood, Plastic or fibreboard
Patterns	All block patterns and most pinwheel
Pallet Dispenser Capacity	10-12 pallets, with 5 stack staged on empty infeed system
Stack Heights	Standard = 72"; other options available
Maximum Layer Weight	600 lbs.
Maximum Load Weight	3000 lbs.
Wrap Patterns	Standard = bottom to top
Wrap Rotation Speed	Up to 40 RPM
Heat Seal	Full film width heat seal
Film Stretch Capacity	80-300%



3101 Hayneville Road
Montgomery, Al 36108

334-261-2700
1-800-542-6570

Visit our website at:
www.vongal.com