

Pallet Stabilization Systems

Adhesive pallet stabilization unitizes pallet loads efficiently and complements existing stabilization methods.

Nordson® pallet stabilization systems securely unitize palletized products before, during and after shipment. They also extend the stability protection capabilities of your stretch- or shrink-wrap systems — even after wrap removal.

Adhesive applied to the corners of cases, cartons or bags during pallet stacking reinforces load integrity. Hot melt and cold adhesive systems are available to apply bead, swirl or spray patterns that meet specific product, shipment or storage conditions.

The integrated systems include simple-to-use controls coupled with precise pumping, dispensing and cut-off to make operation easy and reliable. All components mount on an equipment cart that can be portable or bolted in place. Systems can also be installed directly on your parent machine.

Adhesive pallet stabilization reduces product waste and damage.

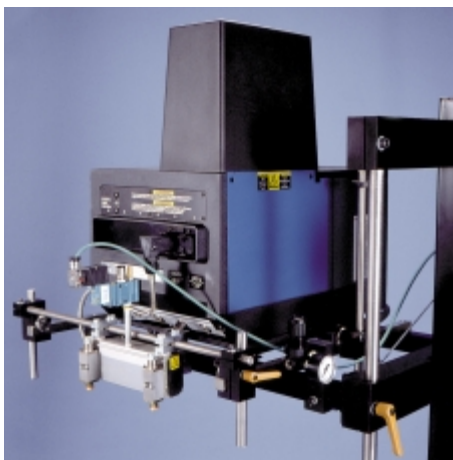
- **Adhesive stabilization provides slip resistance to each package**, eliminating shifted loads and product waste before and during shipping.
- **Pallets remain unitized after wrap removal**, reducing product damage and potential accidents caused by products falling from high-rack storage.
- **Adhesive strengthens load integrity of slippery or coated box surfaces**, improving load stability during transportation.
- **Column-stacked products resist lateral movement** when slip sheets are reinforced with adhesive bonds.
- **Cost-efficient adhesive palletizing** reduces wrap use and disposal costs.



Hot Melt Adhesive Pallet Stabilization System

Versatile systems offer the right system solution for your production.

- **Hot melt adhesive bonds** maintain load integrity and stability on partial and mixed pallets, even when restacked.
- **Hot melt adhesive palletizing** accommodates most board stock without fiber tear.
- **Cold adhesive patterns** leave minimal residue, retaining design and point-of-purchase standards.
- **Cold adhesive bonds** withstand ambient heat and humidity, retaining load integrity during demanding shipment and storage conditions.
- **Choice of bead, swirl or spray patterns** meets specific handling, fiber tear and visual requirements.
- **Choice of Tempus™ or Eclipse™ EPC-15 pattern controls** provides specific dispensing control to accommodate constant line speeds, programming and performance levels.



Hot melt adhesive guns provide exceptional cut-off and superior service life.

Specifications

Hot Melt Adhesive Systems

Melt Units

Series 3100V, 3400V and 3500V

Holding Capacity

8, 12, 19 lb (3.6, 5.4, 8.6 kg)

Melt Rate*

8, 15, 21 lb/hr (3.6, 6.8, 9.5 kg/hr)

Temperature Setpoint Range

100° to 450° F (38° to 230° C)

Electrical Service

200-240 VAC, 50/60 Hz, 1ø or 3ø
230-400 VAC, 50 Hz, 3ø

Dispensing Guns

Bead
Swirl

Pneumatic
H-200, H-200 RC
H-200 CF Controlled Fiberization™ Guns

Cold Adhesive Systems

Pressurized Containers

5 and 10 gal (15 and 30 L)

Diaphragm Pumps

13.3 gal/min (50 L/min)

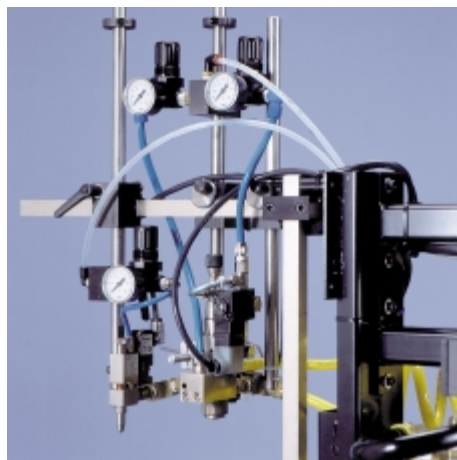
Dispensing Guns

Bead
Spray

Pneumatic
LV 227
LS 373

Electrical Service

230 VAC, 50/60 Hz
24 VDC or 110 VAC solenoid



Cold adhesive bead and spray guns provide integrated adjustment for accurate adhesive volume control.



Cold Adhesive Pallet Stabilization System

Dimensions

Cart	Hot Melt Adhesive	Cold Adhesive
Height	82.5 in. (209.55 cm)	66.0 in. (167.6 cm)
Height Adjustability	32.5 - 57.5 in. (82.55 - 146.05 cm)	32.0 - 57.0 in. (81.3 - 144.8 cm)
Width	33.0 in. (83.82 cm)	24.0 in. (60.0 cm)
Depth	55.0 in. (139.7 cm)	38.0 in. (96.5 cm)

* Measured using hoses and guns with a typical EVA-based adhesive. Rates will vary significantly depending on adhesive type and application parameters.



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