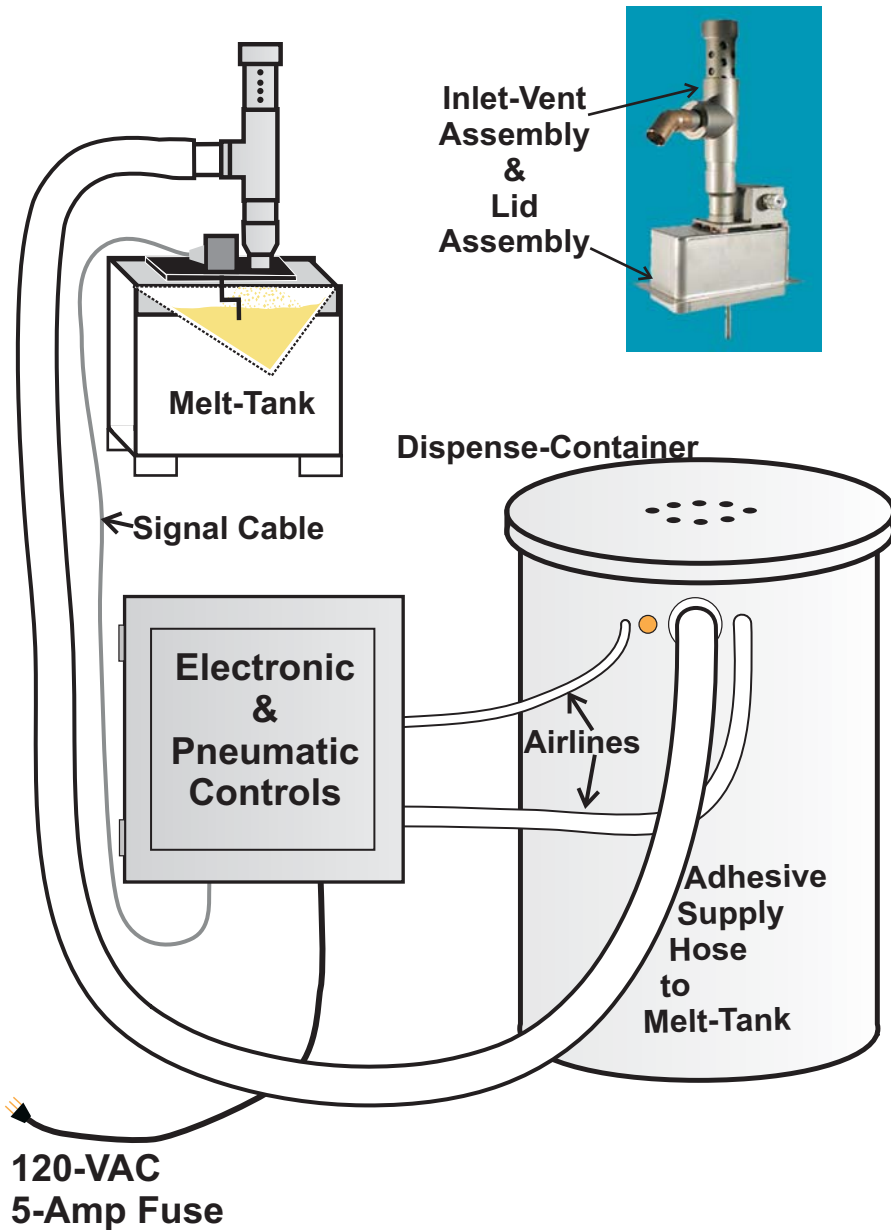


"AUTO - LOADER"

AL-2

Adhesive Loading System

Automatically maintains the correct level of adhesive in the melt-tank



Reduce Costs

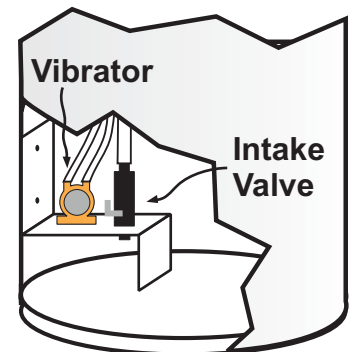
- Will supply up to two (2) melt-tanks directly
- Ability to buy bulk adhesives
- Reduces production downtime as it maintains a cleaner adhesive handling environment
- Enclosed system eliminates airborne contaminants
- Maintain higher glue levels
- Eliminates pop-opens caused by low levels of adhesives
- Reduced chance of thermal shock

Reduce Waste

- Less corrugated boxes from buy bulk
- Less adhesive spillage

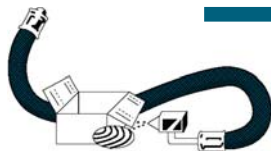
Safety

- Prevent operator burns
- Reduced manual lifting and transferring of adhesive
- Prevent adhesive overfilling and spills



Vibrator & intake-valve
inside dispense-container

Adhesive & Packaging Systems, Inc.



Office: [503-693-1309](tel:503-693-1309)
Fax: [503-648-4109](tel:503-648-4109)
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23646 NW Clara Lane
Hillsboro, Oregon 97124
US Patent No. 5378089

"AUTO - LOADER"

AL-3

Dispense-Container

Safety

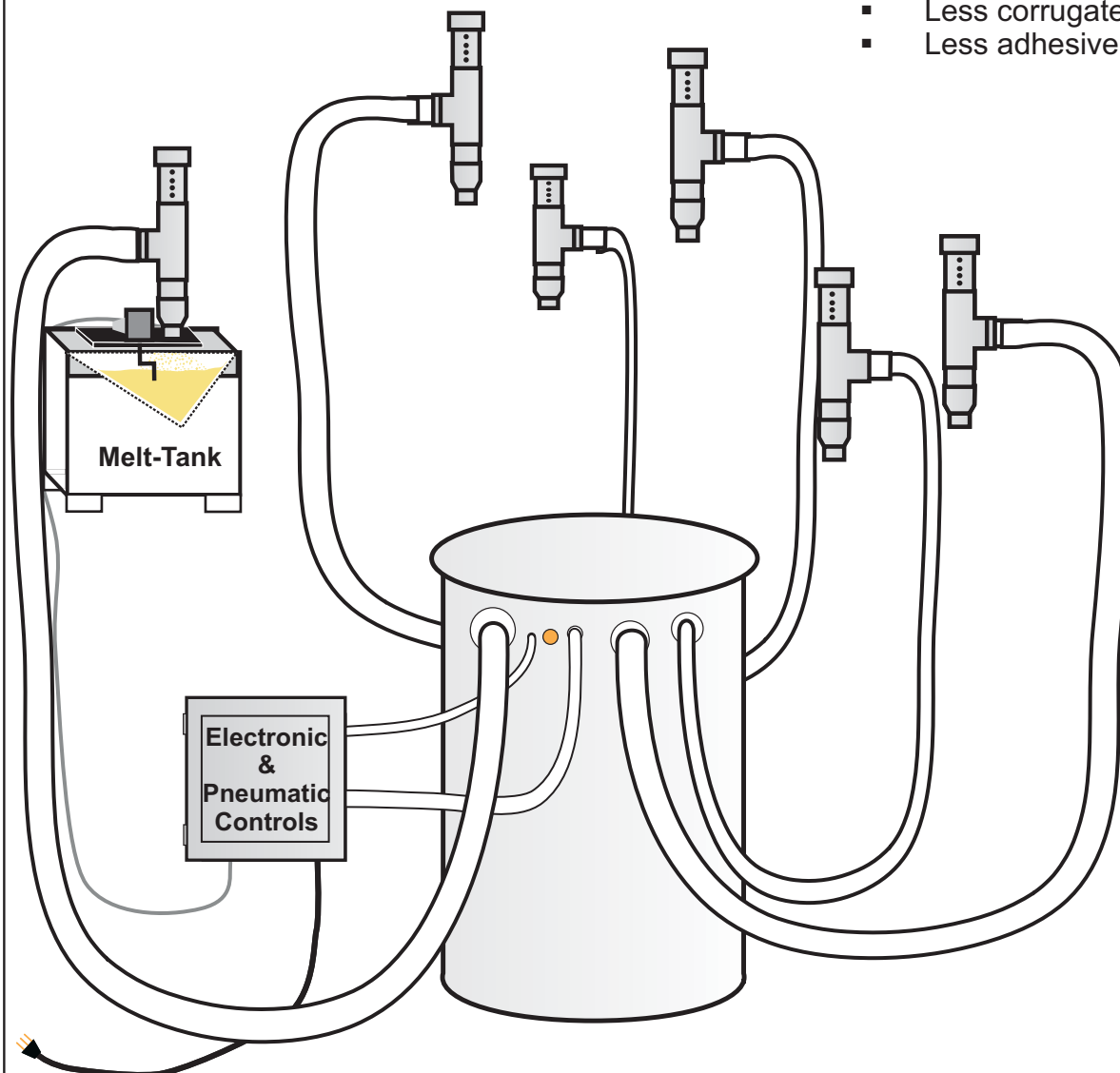
- Automatically feed adhesive to melt-tanks up to 100 feet horizontally and up to 22 feet vertically
- Prevent operator burns
- Prevent adhesive overfilling and spills
- Electronic controls are safely located away from the ASU's

Reduce Costs

- Will supply up to six (6) ASU's directly, and an infinite number indirectly
- Ability to buy bulk adhesives
- Fully-enclosed adhesive supply system helps you maintain a cleaner adhesive environment
- Maintain higher glue levels
- Eliminates pop-opens caused by low levels of adhesives
- Reduced chance of thermal shock

Reduce Waste

- Less corrugated boxes from buy bulk
- Less adhesive spillage

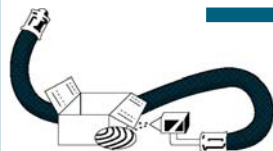


Please Note
For each ASU the loader supplies, you will need a control box.

For a better depiction of an AL-3 supplying 6 melt-tanks, please contact us

120-VAC
5-Amp Fuse

Adhesive & Packaging Systems, Inc.



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Adhesive Conveying-Distance Information

The adhesive's surface-tack, size and shape and if it is coated with, for example, a powder all have a major impact on the Auto-Loader's ability to transport adhesive. Some adhesives have either so much surface tack and/or size that they cannot even be loaded into the intake-valve, and there are other adhesives that can only be transported very short Distances. **Please Note:** We provide a free service that will test the transport capability of your adhesive for you. Please contact us to make the necessary arrangements for a test.

Please Note: the lengths listed below are the sum of the lift, the lateral run and the drop of each transport line and that the lift is, normally, in the 12-foot to 15-foot range. If longer distances are specified, we can configure an extended system using standard components that will meet your requirements.

With most adhesives, we expect to transport an acceptable volume of adhesive as follows:

AL-2..... In the 25-Foot Range AL-4..... In the 75-Foot Range
AL-3, AL-3C, AL-7..... In the 100-Foot Range

Why Use a Dispense-Container

The Dispense-Container used with the AL-2, AL-3, AL-3C and AL-7 systems includes an internal physical structure that substantially improves the Auto-Loader's capability to transport more adhesive over longer distances.

Because the AL-4 is designed to transport the adhesive directly from the adhesive manufacturer's Shipping-Container, it will perform in a much less efficient environment than the one which we can create inside a Dispense-Container.

Dispense-Container Information:

AL-2, AL-7.....	Standard - 55-Gallon	{Available - 30-Gallon, 100-Gallon}
AL-3.....	Standard - 100-Gallon	{Available - 55-Gallon}
AL-3C.....	Standard - 350-Gallon	
AL-4.....	Standard - None	{Transports directly from the Shipping-Container}
55-Gallon....	Diameter - 24.5" Height - 36"	30-Gallon.... Dia - 20" Hgt - 30"
100-Gallon....	Dia - 30" Hgt - 48"	350-Gallon.... Dia - 50" + 7.25" Hgt - 73"

Operational Information:

- Adhesive Size..... We can transport almost all adhesives up to **1/2"** Square by **1/8"** Thick. Normally, smaller is better.
- Feed Rate..... Up to 15 lbs. per Minute
{Fully dependent upon the distance and a combination of the adhesive's size, shape and surface tack}
- Dynamic Air Pressure..... AL-2..... 50-psi to 60-psi
AL-3, AL-3C, AL-4, AL-7. . . 75-psi to 90-psi
- Air Consumption..... 20 SCFM to 45 SCFM BURST for 3 - 15 seconds
{Depends upon the application}
- Power..... 120-VAC, 5-Amps at each Melt-Tank and Dispense-Container
- Adhesive Transport Hose..... 1.25" I.D., Thick-Wall - Reinforced