



AL SYSTEMS



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We are proud to introduce our new optical tray Stacker and De-Stacker machines. They have been constructed to be a durable, cost-effective solution for in-line optical laboratory automation and logistics.

Our systems have been designed with customer safety and high uptime in mind. These systems provide a long service life and handle a variety of optical trays at any stage of the lens fabrication process. Here at **AL Systems**, we strive to bring you and your lab effective, reliable, and easily available automation solutions.

## PRODUCT FEATURES

- ✓ **Simple, low-cost machines with a quick payback**
- ✓ **Large tray capacity - up to 50 trays per machine**
- ✓ **Minimal service and maintenance, due to high durability components**
- ✓ **Inexpensive and easy to replace wear items, such as rubber belts and jaw lining strips**
- ✓ **Tray protection features - interlocked guards avoid accidental collisions and tray tipping**
- ✓ **Each cylinder can be actuated manually via exposed valve controls**

## ADDITIONAL FEATURES

Ease and simplicity of installation: just line it up with receiving or sourcing conveyor.

Low cost operation consumes 3-7 CFM of air at 100 PSI and 3.3 amps at 110V 60Hz.

Easily available, long service life spare parts including PLC, sensors, and pneumatic components.

The system is customizable in terms of height and stacking process, stacks up to 10 trays, but can easily accommodate smaller stack sizes.



## SPECIFICATIONS

### SYSTEM SIZE:

7.5 ft long, 3 ft wide, 6 ft tall

### SYSTEM POWER REQUIREMENTS:

110V 3.5A

### SYSTEM CAPACITY:

up to 50 trays

### SYSTEM CONTROLS:

Embedded PLC.  
Audio and visible alarms  
Interlocked guarding with certified safety devices.

## SALES

For more information or to acquire the Stacker/DeStacker, please contact:



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