

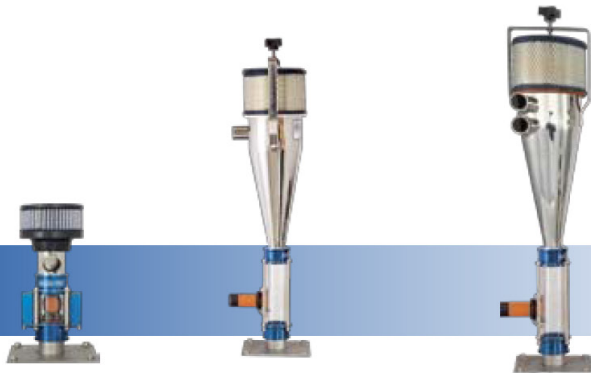
# Product Catalog



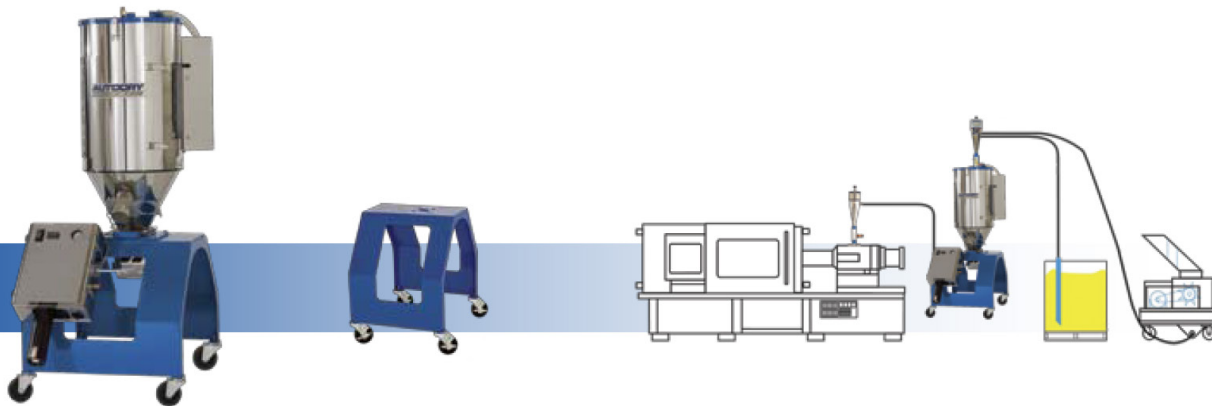
# Una-Dyn

A Piovan Company

# **AUTOLOAD**



***JUST IN TIME LOADERS***



***AUTODRY COMPRESSED AIR DRYERS***



***ON-SPEC FEEDERS***

**"Call by 2:00pm for same day shipment of most loader orders!"**

**To Place Your Order or For More Information Call or Visit Us on the Web:**

**1-800-428-8653**

www.autoload-inc.com ● www.auto-grind.com

## JR 1525 SERIES

AUTOLOAD's JR 1525 SERIES loaders are ideal for use with material transfer systems utilizing small machines and hoppers.

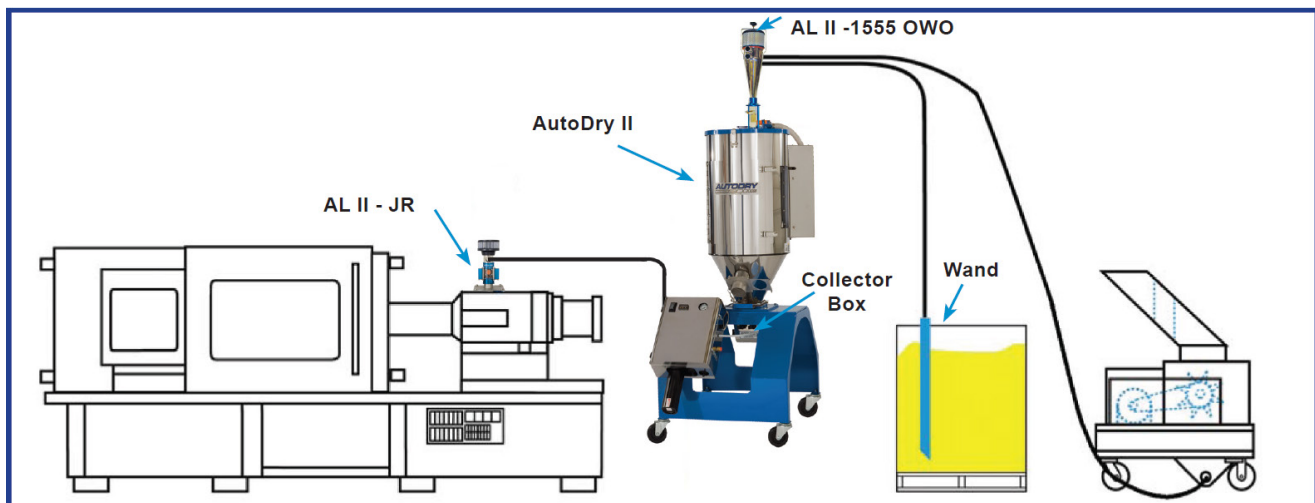
- 1.25" line size with Mini-Glass Tube & Sensor
- Supplied with Custom Machine Mount or Hopper Mount Base Flange per customer specifications
- For use with Virgin Material Only. Maximum Throughput rate of up to 100/lb/hr
- Shipped with Single Control Unit, Regulator, Standard Accelerator or Wand and Cartridge Filter.
- Conveying Distance up to 60 Equivalent Feet, doubling for every foot vertical.
- Approximately 14" tall.



JR 1525



JR-II 1525



# AL 1525 SERIES

AUTOLOAD's 1525 SERIES loader is our most popular single-inlet pneumatic loading system.

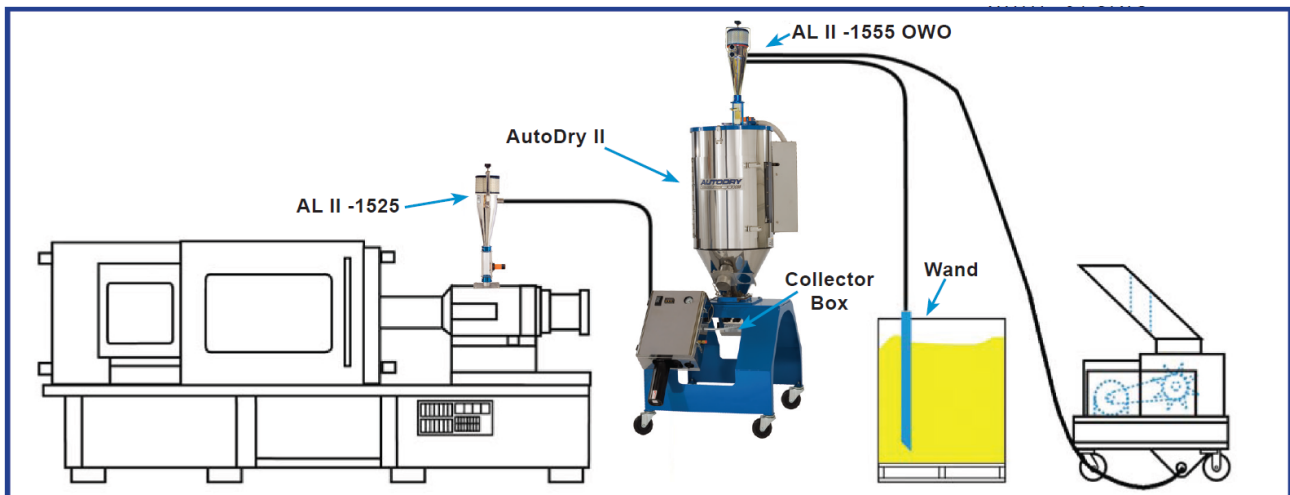
- 1.25" line size with Mini-Glass Tube & Sensor
- Supplied with Custom Machine Mount or Hopper Mount Base Flange per customer specifications
- For use with Virgin and Regrind Material.  
Maximum Throughput rate of up to 1000/lb/hr
- Shipped with Single Control Unit, Regulator, Standard Accelerator or Wand and Cartridge Filter.
- Conveying Distance up to 60 Equivalent Feet, doubling for every foot vertical.
- Approximately 30" tall.



AL 1525



ALII 1525



## AL 1555 SERIES

**AUTOLOAD's 1555 SERIES is a Dual-Inlet Proportional Loading System capable of loading two material systems (Virgin/Regrind) at the same time.**

- 1.25" line size for both hopper material inlets, 2" sightglass tube with Sensor.
- Supplied with Custom Machine Mount or Hopper Mount Base Flange per customer specifications
- For use with Virgin and Regrind Material.  
Maximum Throughput rate of up to 1000/lb/hr
- Shipped with Double Control Unit and Regulators for precise measuring of both materials, Cartridge Filter and a Wand or Accelerator for each material system.

Pressure (PSI)	Load Time (Seconds)	CF of Air per load	SCFM (Standard)	PPH (Pounds Per Hour)
20	9	2.10	14.0	400
25	7.4	2.16	17.5	486
30	6.5	2.28	21.0	554
35	6.0	2.45	24.5	600
40	5.6	2.65	28.0	643
45	5.3	2.78	31.5	679
50	5.0	2.92	35.1	720

Maximum of 1,000 lb/hr@ 100 PSI



AL 1555

## FL/CL/RL SERIES

AUTOLOAD's FL/CL/RL SERIES transfer systems offer the same high quality receiver/sight glass assembly, but with different filtration options.

### RL 1525:

The RL 1525 is used for Thermoset machines. This model comes standard with a large capacity (30 gallon) Drum Style Filter that eliminates plant contamination. This loader is ideal for handling filtration of regrind and other dusty materials to machine level. Includes all mounting and connection hardware so you are up and running quickly.



RL 1525



CL 1525

### CL 1525:

The CL 1525 is designed for Cleanroom applications. A 10 ft. exhaust hose is supplied to allow the exhaust air to be vented outside of the cleanroom.

### FL 1525:

The FL 1525 is also used for Thermoset Machines and is ideal for regrind processing. The hanging polyester felt filter bag is rated at 5 microns. This unit can also be used for high dust thermoplastic resins. Includes all mounting and connection hardware so you are up and running quickly.



FL 1525

## AL 1650 & 1655 SERIES

AUTOLOAD's 1650 & 1655 SERIES loaders offer the traditional features of the 1525 & 1555 SERIES models but are equipped with a 1.5" line size. Supplied with a 1.5" hose, the 1650 & 1655 use the same wand and/or accelerator with a 1.5" adapter.

- 1.50" line size with Mini-Glass Tube & Sensor
- Supplied with Custom Machine Mount or Hopper Mount Base Flange per customer specifications
- For use with Virgin and Regrind Material. Maximum Throughput rate of up to 1000/lb/hr
- Conveying Distance up to 60 Equivalent Feet, doubling for every foot vertical.
- Shipped with Single Control Unit, Regulator, Standard Accelerator or Wand and Cartridge Filter, for the 1650 Model.
- Shipped with Double Control Unit and Regulators for precise measuring of both materials, Cartridge Filter and a Wand or Accelerator for each material system for the 1655 Model.
- Approximately 30" tall.



AL 1650 & 1655

# ASPIRATOR SERIES

**AUTOLOAD's ASPIRATOR SERIES loading system is designed for fines separation and removal. Featuring a unique stainless steel inner cone, dust is separated from the process material.**

- Internal Stainless Steel Perforated Cone Separates Fines from Materials
- Fines can be Captured in a Bag, Remote Filter Drum, or other Collection Device.
- Modular Design for Easy Clean out or Disassembly. Easy Installation - Only Takes a Few Minutes.
- Shipped with Single Control Unit, Aspirator Hopper with Perforated Cone, 10 ft. of Material Transfer hose, Standard Accelerator or Wand, and Aspirator Top.
- Supplied with Custom Machine Mount or Hopper Mount Base Flange per customer specifications

## CL Aspirator:

The CL 1525-A Series Transfer System is for fines separation in clean-room environments. Exhaust hose is included to vent fines outside the clean-room into a container.

- Sensor/Sight Glass Assembly
- Black Exhaust Hose for Filtering to Remote Location

## FL Aspirator:

The FL 1525-A Series Transfer System is for fines separation and collection into a 5 Micron Hanging Bag Filter.

- Filter Bag



CL 1525-A

## RL Aspirator:

The RL 1525-A Series Transfer System is designed for fines separation and collection of the fines into a thirty (30) gallon drum filter.

- Sensor/Sight Glass Assembly
- Black Exhaust Hose for Filtering to Remote Drum Filter
- Remote Drum Filter



Pressure (PSI)	Load Time (Seconds)	CF of Air per load	SCFM (Standard)	PPH (Pounds Per Hour)
20	9	2.10	14.0	400
25	7.4	2.16	17.5	486
30	6.5	2.28	21.0	554
35	6.0	2.45	24.5	600
40	5.6	2.65	28.0	643
45	5.3	2.78	31.5	679
50	5.0	2.92	35.1	720

Maximum of 1,000 p/p/h @ 100 PSI

# AL REINFORCED SERIES

AUTOLOAD's REINFORCED SERIES of loaders offer a reinforced transfer system designed for abrasive materials.

- Standard with a 10GA stainless steel thick-wall hopper receiver, steel-inserted sleeves are supplied with Autoload's venturis to reduce wear.
- Supplied with Custom Machine Mount or Hopper Mount Base Flange per customer specifications
- Maximum Throughput is 1,000 lb/hr @ 100 PSI of Virgin or Re grind Material.
- Under 28" tall
- Shipped with Single Control Unit, Heavy Duty Inlet Hopper/Filter Assembly, 10 ft. of Material Transfer hose, Sensor/Sightglass Assembly, and a Reinforced steel sleeved accelerator/wand assembly
- A CPM venturi upgrade is available for 30+% of abrasive material processing as well as a hopper wear plate for 30+% abrasive material processing.



AL 1525-R

Pressure (PSI)	Load Time (Seconds)	CF of Air per load	SCFM (Standard)	PPH (Pounds Per Hour)
20	9	2.10	14.0	400
25	7.4	2.16	17.5	486
30	6.5	2.28	21.0	554
35	6.0	2.45	24.5	600
40	5.6	2.65	28.0	643
45	5.3	2.78	31.5	679
50	5.0	2.92	35.1	720

Maximum of 1,000 p/p/h @ 100 PSI

## LOADING SYSTEM OPTIONS

### Collection Box:

AUTOLOAD manufactures several collection boxes.

Each comes standard with a 1.5" outlet which the Autoload Accelerator (venturi) plugs into.

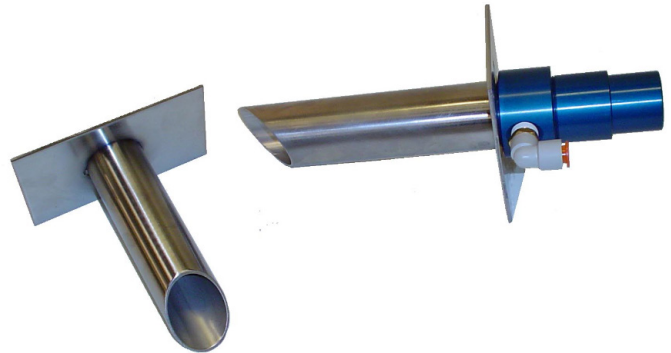
Collection boxes are available with up to 8-outlets and each box comes with a Universal Mounting Plate to accommodate up to a 6x6 square bolt pattern on a drying hopper.



### Grinder Spike:

Grinder Spikes are fabricated to mount into a grinder tray for evacuation.

The AUTOLOAD accelerator plugs into the spike to unload the grinder.



### Grinder Evacuation System:

AutoLoad has a quick and easy solution for evacuating your grinders that is easy to install, needs no adapters, is inexpensive and easy to maintain.

AutoLoad's grinder evacuation transfer system utilizes standard AutoLoad components to automatically unload granulators and convey materials inter-plant.

Packaged in a convenient kit for ease of purchase, to include a control unit with timer, accelerator and hose.

AutoLoad's grinder evacuation system is available in 1.25" and 1.50" line sizes.



## LOADING SYSTEM OPTIONS CONTINUED

### Accelerators and Wands:

AUTOLOAD's Accelerators plug into a takeoff port—usually a standard 1.5" OD 16GA tube size. The pickup wand is for pulling material from a barrel or bin.

**Standard Wands and Accelerators** are constructed of aluminum.

**Reinforced Wands and Accelerators** have a steel insert pressed into the venturis to reduce wear.

**CPM Wands and Accelerators** are recommended for highly abrasive material conveying. These products are made of heat-treated tool steel.



### Super Accelerators and Wands:

Super Accelerators and Wands are used for conveying distances greater than 60ft., or for materials with greater bulk density.

AUTOLOAD also has custom accelerators and wands sized for specialized applications.

Please contact AUTOLOAD for information on these products.

### Magnets:

AUTOLOAD magnet assemblies are fabricated from rare Earth magnets, the strongest magnets available.

AUTOLOAD offers stationary magnets for the JR and ALII JR Loading Systems and hinged magnet assemblies for larger loading systems.



# LOADER CONTROLS - STANDARD AND OPTIONAL

AUTOLOAD loading systems come standard with an air-operated control unit.

## Standard Control:

The control unit receives a signal from the sightglass sensor, which turns on the controller and supplies air to the venturi to move the material.



Standard Control

## Overfill/Low Level Material Alarm Control (Optional):

With this control, the operator has the ability to load for an additional 30 seconds beyond the signal time from the sensor (which stops the loading cycle). Material continues to fill the hopper above the sightglass assembly. This feature is used to accommodate larger shot sizes than the loader sightglass capacity permits.

This optional control also has a low material level alarm with a delay. If the loader “calls for material” and the material bin is empty, an audible alarm sounds. There is also an output for a strobe.



Overfill/Low Level Material Alarm Control

## Recycle Timer (Optional):

The recycle timer is used to time load/unload cycles in 30-second windows. This control does not use a sensor. Load/unload times can be adjusted from 0-30 sec and the time between load/unload can be adjusted from 0-30 sec.

## SA-1000 Alarm (Optional):

The SA-1000 alarm is an independent low-level material alarm with an audible and visual output. The alarm is commonly used in gayloads, barrels, and bins to signal when material replenishment is needed.



SA-1000 Alarm

## Reservoir Hoppers (Optional):

The AUTOLOAD reservoir hopper is a storage hopper for extra material to be stored under an AUTOLOAD loader on a machine throat. This hopper can hold an extra 3-4lbs. of material. This is also commonly used to accommodate larger shot sizes.



Reservoir Hopper

# AUTODRY II COMPRESSED AIR DRYERS

AUTOLOAD's line of AUTODRY dryers operate with compressed air and a venturi in a closed loop process. Designed for low-throughput drying applications, AUTODRY dryers are commonly used for press-mount resin drying.

The AUTODRY will dry most materials within 70°F - 350°F range. Materials that traditionally do not need a desiccant cartridge are Nylon's, PC's and ABS's. For materials other than these three, a stand-alone, twin-bed desiccant cartridge is recommended.

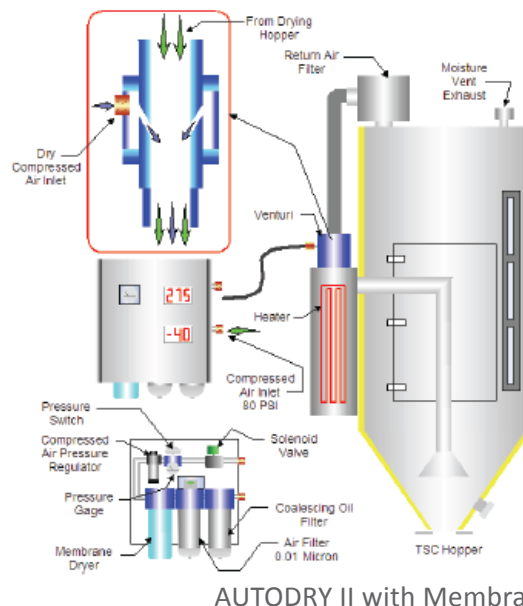
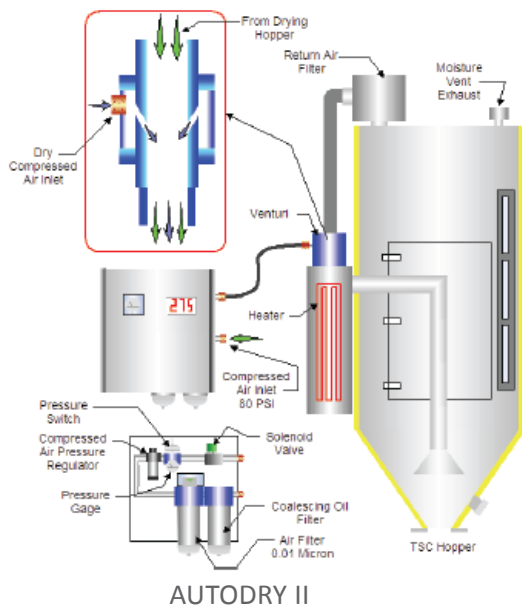
Simple to clean, easy to operate and with no moving parts, AUTODRY has full temperature range of 70°F - 350°F and is available in 25, 50, 75, 100, and 150 lb/hr throughputs.



## AUTODRY II Processing Capabilities

AUTODRY II Series dryers operate identical to the original AUTODRY Series but with larger throughputs of up to 300 lb/hr.

ADII 200	50-70 lb/hr
ADII 400	100-150 lb/hr
ADII 600	150-200 lb/hr
ADII 800	200-300 lb/hr



# AUTODRY ACCESSORIES

## Slidegate Adapter- Machine Mount

The AUTODRY machine mount adapter is constructed of Stainless Steel, has a drainout port and is used for mounting an AUTODRY to a press throat.



## Bunting Magnet w/ Drainout

AUTOLOAD's Bunting Magnet with slidegate and drainout port also has an optional purge shoot.

## AUTODRY Stands:

Choose an AUTODRY Stand for portable drying systems. Available with casters, slidegates, and AUTOLOAD collection boxes.



## ON-SPEC FEEDERS

AUTOLOAD's ON-SPEC Feeders are ideal for processing color concentrates or other additives. The ON-SPEC Feeders combine the use of a stepper motor and a dosing cylinder to allow for precise metering of additives.

### OS-5 Additive Color Feeder

When using the OS-5 feeder set your speed and start dosing! It comes equipped with a standard digital controller and is manually set using a trial and error method for injection molding applications. For extrusion applications, the OS-5 has extruder follower capabilities.



### OS-10 Additive Color Feeder

The model OS-10 feeder operates on the same mechanical principal as the OS-5, however, the OS-10 model has a microprocessor control with material calibration capable of creating and storing additive curves. This model also has an adaptive screw recovery to compensate for machine variation.



### OS-B Additive Color Feeder

The model OS-B has a unique feeding cylinder that provides an even and regular additive output. It automatically adjusts for any variation in material bulk density. The OS-B can be synchronized to an extruder or an injection molding machine. This models instant Start/Stop stepper motor-dosing cylinder combination makes this feeder one of the most accurate on the market.



# LOAD • DRY • GRIND

## AUTOLOAD



AUTOLOAD II Series

### Starting at \$870

- Stainless Steel and Anodized Aluminum Construction
- Large Filter Media Filters to .2 Micron!
- Optional HEPA Filter Available
- Easy to Clean and Whisper Quiet!
- Conveys Resin up to 1000 lb/hr

## AUTODRY



AUTODRY II Series

### Starting at \$4,078

- Instant DRY AIR
- No Moving Parts
- Stainless Steel Construction
- Process Temp Range 100°F - 400°F
- Air Filtration to .1 Micron
- Optional Membrane with Dewpoint Control & Monitoring to -40°F

## AUTOGRIND



Grinders & Granulators

### Starting at \$3,600

- SLOW SPEED, SCREENLESS, GENERAL PURPOSE & CLEAN ROOM Grinders
- Top Quality Regrind
- Superior Design and Support

## Easy Set-Up • Simple to Operate • Efficient • Reliable

AUTOLOAD, AUTODRY, and AUTOGRIND products are easy to set up, simple to operate, and are all constructed to deliver a superior performance at an extremely affordable price! For all your immediate conveying, drying or regrind processing needs, contact us today!

**“Call by 2:00pm for same day shipment of most loader orders!”**

**To Place Your Order or For More Information Call or Visit Us on the Web:**

**1-800-428-8653**

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