

# Hopper Loaders



## Access Loader

- Bold new shape! Loader cannister tilted towards operator for easy ACCESS
- Cleaning and maintaining loaders is now faster, easier and safer than ever before
- Unique angled canister design
- All material contact surfaces are built of pristine stainless steel or aluminum to prevent corrosion
- Cast aluminum base with protective stand-offs and integral discharge pan
- Full-featured control platform govern all aspects of loader including load time material demands ratio and many other loading parameters
- A hinged filter lid opens, easily without tools, tilts back and locks out of the way leaving both hands free
- Modular design on replacement of inlet / outlet connection sizes i.e. 40 mm, 2", 2.5", 3"
- Regenerative vacuum blower requires no maintenance and no soundproofing
- Easy to load virgin and regrind materials simultaneously



## DuraLoad

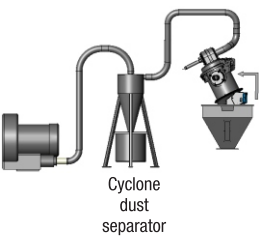
- Rugged, reliable, all-purpose hopper loaders suitable for pellets and regrind material
- Provides a larger loader body, filter and vacuum motor for higher-volume conveying above 1000 kg/hr
- Durable, powder coated steel construction
- Modular components, plug-in connections, tool-less entry and a drop-in filter make this unit easy to maintain
- All DuraLoad series loaders incorporate a vacuum sequencing valve module right in the lid
- Full-featured control platform govern all aspects of loader including load time material demands ratio and many other loading parameters
- Modular design on replacement of inlet / outlet connection sizes i.e. 2.5", 3", 4"
- Easily configure with regenerative vacuum blower / positive displacement pump
- Easy to load virgin and regrind materials simultaneously



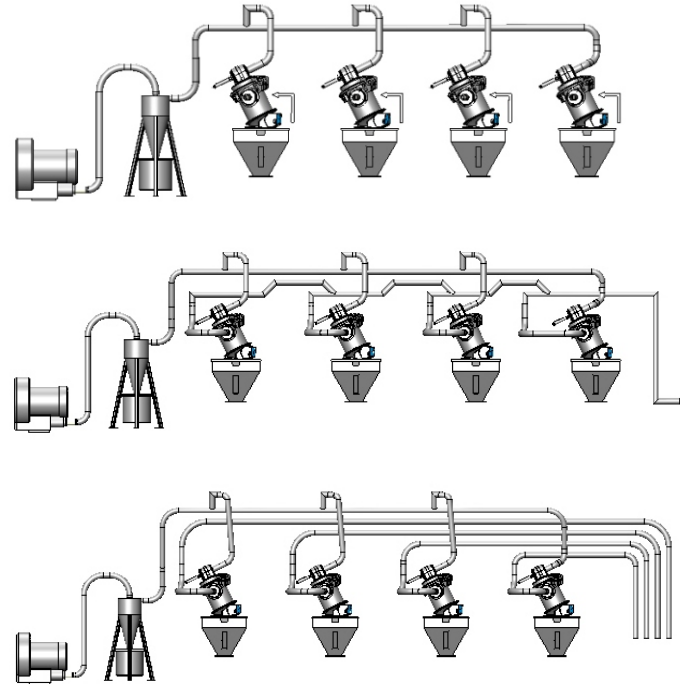
## FilterLess Loader

- Versatile loading for mid to large throughput
- The FilterLess vacuum has the ability to convey dusty materials and free-flowing powder larger than 100 micron in diameter
- Each FilterLess receiver has a patented "filterless insert" that uses continuous reversal of vacuum air to separate incoming material from conveying air without filters or screens
- Cyclone receivers are precision-engineered, in carbon steel or stainless steel
- Material changes are fast and easy with quick-release latches on the receiver lid, and the drop-in filterless insert. No filter, no screens
- Full-featured control platform govern all aspects of loader including load time material demands ratio and many other loading parameters
- Modular design on replacement of inlet / outlet connection sizes i.e. 2", 2.5"
- Easily configure with regenerative vacuum blower / positive displacement pump

## Three Phase Hopper Loader



## Twin Loader / Trio Loader / Quadruple Loader



Access Receiver



Purge Valve



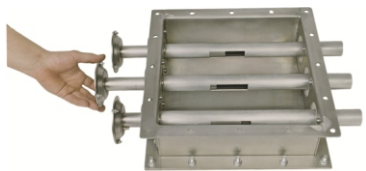
Intermediate Hopper JIT



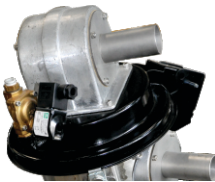
Pocket Conveying Valve



Ratio Valve



Material Distribution Box



Automatic Filter Cleaning



Loading Control:  
Allen Bradley / Mitsubishi

## Technical Specifications

| Model                                   | AL 2                                                                                                                                                   | AT 2        | AT 5      | AT 10     | DL 8        | DL 12         | DL 15     | DL 20     | DL 25 | FL 10     | FL 15     | FL 20 |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|-----------|-------------|---------------|-----------|-----------|-------|-----------|-----------|-------|
| Loader / Receiver Volume (liters)       | 6                                                                                                                                                      | 6           | 14        | 28        | 4           | 14            | 28        | 51        | 85    | 8         | 28        | 65    |
| Loader Body Diameter (mm)               | 203                                                                                                                                                    | 203         | 304       | 304       | 203         | 305           | 381       | 508       | 635   | 254       | 381       | 508   |
| Material / Vacuum Line Size (mm) (inch) | 40 - 2" - 2.5" - 3"                                                                                                                                    |             |           |           |             |               |           |           |       |           |           |       |
| Vacuum Blower Size (kW)                 | 0.9                                                                                                                                                    | 0.9-1.5-2.2 | 1.5-2.2-4 | 4-5.5-7.5 | 0.9-1.5-2.2 | 0.9-1.5-2.2-4 | 4-5.5-7.5 | 4-5.5-7.5 | 7.5   | 1.5-2.2-4 | 4-5.5-7.5 | 7.5   |
| Optional                                | Automatic filter cleaning / Ratio valve / Positive discharge / Common line valve /<br>Fill sensor (Remote capacitance sensor), JIT hopper / Wear plate |             |           |           |             |               |           |           |       |           |           |       |
| Supply Voltage                          | 1Ø, 230 V                                                                                                                                              | 3Ø, 415 V   |           |           |             |               |           |           |       |           |           |       |
| Compressed Air Requirement              | 28.3 liters / min. @ 5.51 bars                                                                                                                         |             |           |           |             |               |           |           |       |           |           |       |

All specifications are subject to change without prior notice.

| Model Nomenclature                                                   |
|----------------------------------------------------------------------|
| <b>AL 2</b> Single phase hopper loader                               |
| <b>AL 2 AB</b> Single phase hopper loader with ratio valve           |
| <b>AT 2 MC</b> Three phase hopper loader with manual filter cleaning |
| <b>AT 2 AC</b> Three phase hopper loader with auto filter cleaning   |
| <b>AT 2 AB</b> Three phase hopper loader with ratio valve            |

- All hopper loaders are shipped with 7.5 (material and vacuum) meters each of flexible hose pipe and a vertical feed tube.
- All twin loaders are shipped with 15 (material and vacuum) meters each of flexible hose pipe and 2 numbers of vertical feed tube.
- All trio loaders are shipped with 22.5 (material and vacuum) meters each of flexible hose pipe and 3 numbers of vertical feed tube.
- All quadruple loaders are shipped with 30 (material and vacuum) meters each of flexible hose pipe and 4 numbers of vertical feed tube.

LEADING MANUFACTURER OF PLASTIC AUXILIARY EQUIPMENT  
Material Storage | Conveying | Drying | Blending | Heat Transfer | Size Reduction



(An ISO 9001:2015 Certified Organization)

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