

PNEUMATIC LOADERS

Accu-Feed Engineering offers two models of compressed air operated loaders to convey pellets and/or regrind material at a rate of up to 1000 pounds per hour.

Our **Standard Loaders** are available in two different styles.

One style is designed to mount at the throat of your machine. It comes with a sight glass assembly and an adjustable sensor to control the amount of material being loaded. This loader assembly comes with a custom mounting plate to match your machine and all hoses required for operation.

The other style has a flange with a four-bolt pattern on the bottom of the hopper. This unit is designed to bolt directly to your hopper with the furnished mounting tube assembly. This eliminates the sight glass assembly for a cost savings and reduces the height by 10 inches.

Both styles are available configured for dual proportional loading. This will load virgin and regrind at the same time to achieve a better blend.

Our **Mini-Loaders** are designed to mount at the throat of your machine or on your hopper. The overall size of this style of loader is reduced with the sight glass and baffle assembly integrated together to eliminate the hopper. The Mini-Loader uses the same sensor, control and stainless wands that are popular on our standard loaders.

Features

- Simple to setup and use.
- Modular design permits quick easy cleaning.
- Single or dual ratio material loading.
- Quiet, efficient compressed air loading.
- Adjustable, solid state sensor for level control.
- Custom machine mounting plates bolt directly to your machine.
- Options allow for a variety of configurations.

Accu-Feed
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**Standard Loader
With Sight Glass
Assembly**



**Standard Loader
With Flange**

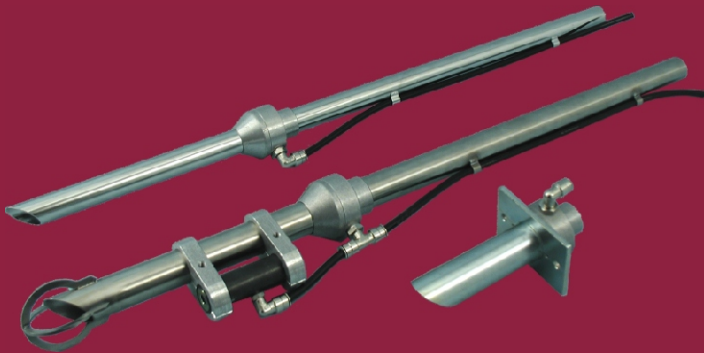


Mini-Loader



Flanged Hopper Assembly with 8" Sight Glass

This assembly is for use on presses that have large shot sizes. The top-mounting plate is easily removed with quick-acting clamps for easy cleaning. Optional rare earth magnet mounts to the mounting plate in the center of material flow to remove any contaminates. The sensor is adjustable to control the level of material in the sight glass.



Wands & Accelerators

Our standard wands and accelerators are fitted for 1 1/4" hose for most applications. For the hard to load regrind, our 1 1/2" wand or accelerator can be substituted. The wands have stainless steel tubes and clips to securely hold the air line. The accelerators, when used with grinder spikes, can be bolted on, eliminating pull out. With the optional vibrator mounted to the wand, bridging can be eliminated when loading problem materials. Hardened wands and accelerators are available for loading abrasive materials.



Baffle & Filter Assembly

Our unique baffle is designed to keep material from being blown into the filter assembly during the loading process. The inlet tube diverts material against the baffle, allowing the material to drop down into the hopper. Air pressure is released into the center of the filter housing and passes through the baffle plate, keeping large particles from clogging the filter and reducing air flow.



Optional Filter Bag Assembly

For dusty material, the optional filter bag can be used on either our Standard Loader or Mini-Loader models. This assembly replaces the standard filter and cover. The filter bag seals using an easily removable slotted tube at the bottom of the bag, which provides easy access for cleaning contaminates.



Optional Magnet Assemblies

Made with strong Alnico magnets and stainless steel sleeves, our drop-in magnet assemblies are made for easy removal to clean any trapped contaminates. The sight glass magnet assembly drops into the hopper and is located in the center of the sight glass assembly. The material flows over and around the magnet. The hopper magnet drops into the hopper and material flows over the magnets to attract contaminates.



Flanged Hopper Assembly

This style of hopper assembly is designed to mount on top of your existing material hopper. This eliminates the sight glass assembly for a cost savings. This hopper assembly comes with one of four (4) different tube mounting assemblies that mount the level sensor. Standard sizes are 1" long extension tube for standard hoppers and 6", 9" & 12" long extension tubes for drying hoppers. The extension length for the drying hoppers will keep the material below your air outlet tubes.



Control Assemblies

The standard controls for the single material loader and for the dual material proportional loader allows you to load virgin and regrind into your machine at an accurate rate. Optional controls to sensor low material levels, and controls with loading timers, are also available.

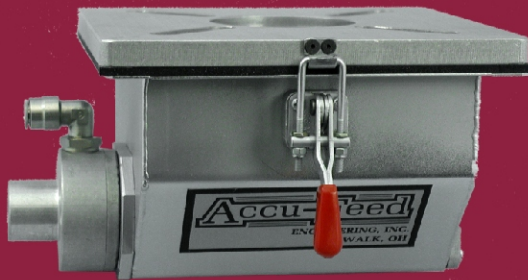


Adapter Plates

With your supplied bolt pattern, we will furnish a custom-made mounting plate to mount the loader to your machine or hopper. Adapters for our Standard Loaders are shown on the top. The lower adapters are for our Mini-Loaders.

Loader Applications

Loaders can be mounted to metering equipment and hoppers or other auxiliary equipment for loading colorant, additives or regrind. Special adapters are available for almost any application.



Collector Box

An easy to clean collector box mounts to the bottom of your hopper and is available with single or dual outlets. It is hinged and held securely closed with a quick-action toggle clamp. The box has a universal mounting plate for up to a 5 1/2" x 5 1/2" bolt pattern. An optional plate will allow any size bolt pattern.



Remote Filters

The remote filter assemblies allow you to run dusty material without plugging the filter. Filters can be set up to handle multiple loaders. Available in 5-gallon and 30-gallon capacities.

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