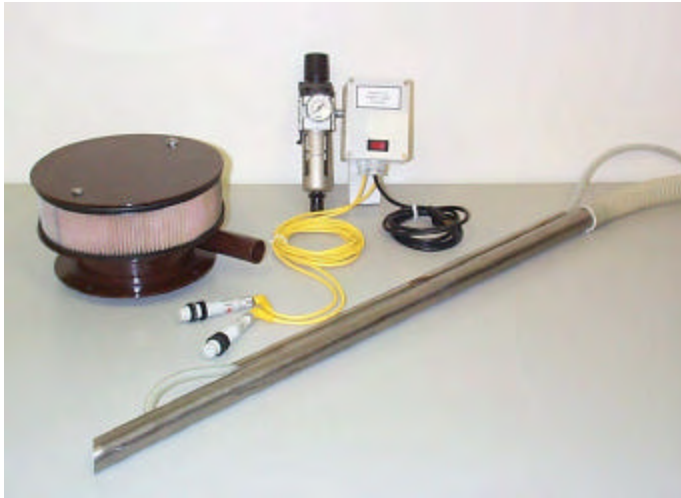


Data Sheet

Plasticolor Hopper Loader

An automatic compressed-air system for transferring bulk material (pellets or beads) from a bag, bin or box to the Plasticolor feeder hopper.



- ***Automates the material loading process.***
- ***Includes hopper-mounted loader, material suction wand, controller, regulator, sensors, anti-static material transfer hose and supply air hose.***
- ***Low-pressure air quietly and efficiently transfers material at rates up to 800 pounds-per-hour.***
- ***Two level sensors for positive material level control in hopper ... eliminates complicated calibration and setup.***

The Plasticolor Hopper Loader automatically transfers material from a bulk container into the hopper of a Plasticolor feeder, eliminating the manual labor associated with keeping the hopper full of material to be fed.

The Plasticolor Loader is available installed on new Plasticolor Feeders, or as a kit for installation on existing Plasticolor Feeders or hoppers of other manufacturers.

How it works: The material transfer Wand uses compressed air to generate a powerful vacuum that lifts material from a bulk container and transfers it to the feeder hopper through a material transfer hose. The hopper-mounted loader uses a “cyclone” effect to separate the transferred material from the air stream, and deposit the material into the hopper. An automotive type air filter on the loader stops air-borne dust from entering the plant. High/low level sensors in the hopper tell the Controller when to load material ... starting the feeder when material reaches the low level sensor, and stopping the feeder when the hopper is full.

A combination of features that make the Plasticolor Hopper Loader unique, include:

- The high efficiency material transfer Wand works well at air supply pressures as low as 40 psi.
- The high/low level sensors in the hopper provide a positive control of the material loading cycle ... always maintaining a safe level of material in the hopper. This dual level sensor approach eliminates the need for additional cost timers, or complex calibration procedures associated with a “single sensor” loader control approach.
- Unique “Clamp Ring” mounting of the hopper-mounted loader allows material inlet tube to be rotated 360°, for desired inlet direction.
- Low profile design only adds 5 ½ to the hopper height, for those “tight fit” applications.
- Universal mounting design can be used on almost any hopper.