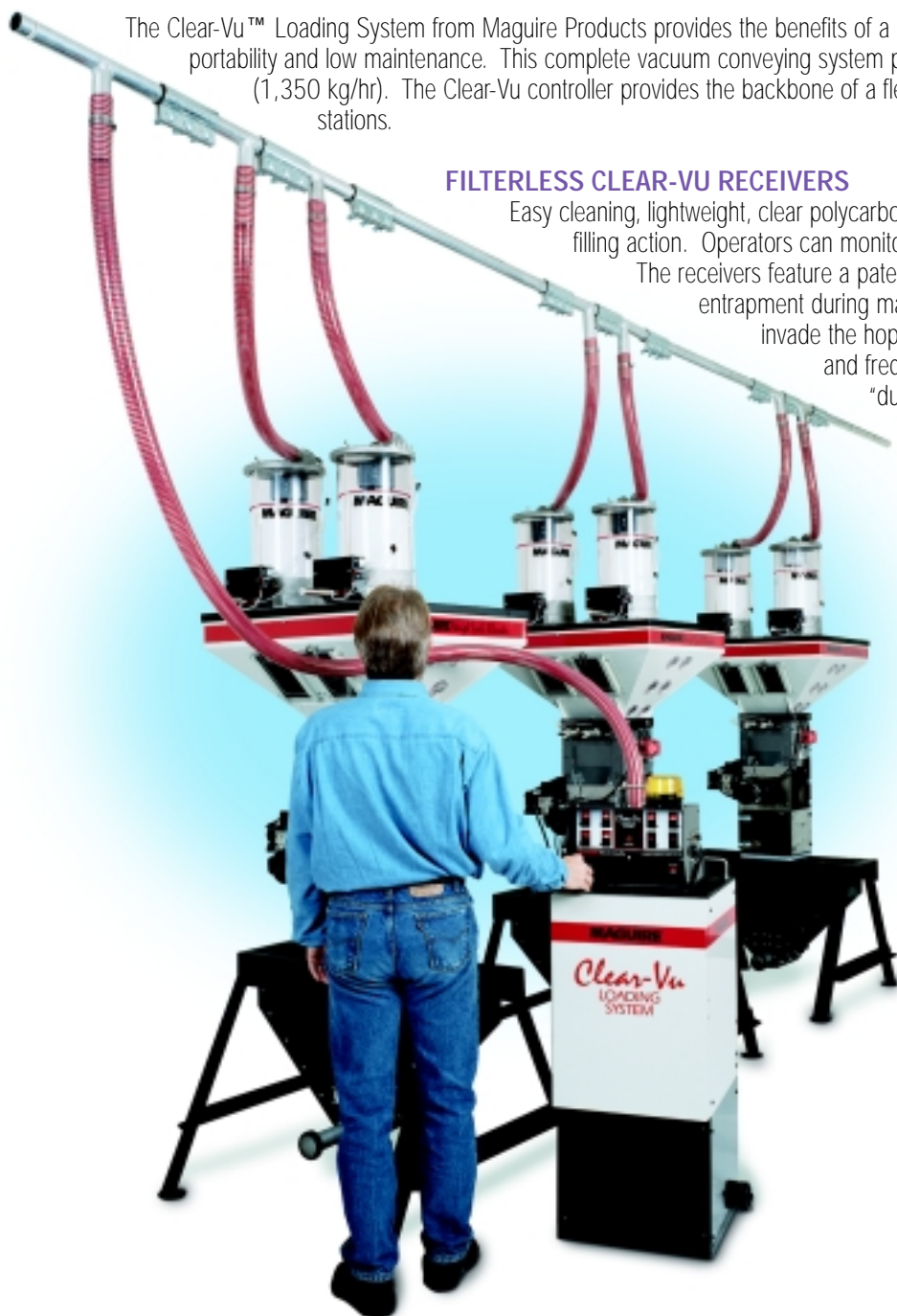


# Clear-Vu™ Loading Systems

The Clear-Vu™ Loading System from Maguire Products provides the benefits of a central system with the added convenience of portability and low maintenance. This complete vacuum conveying system provides automatic loading of up to 3,000 lb/hr (1,350 kg/hr). The Clear-Vu controller provides the backbone of a flexible loading system that will control up to 8 stations.

## FILTERLESS CLEAR-VU RECEIVERS

Easy cleaning, lightweight, clear polycarbonate receivers allow an unrestricted view of the filling action. Operators can monitor loader operation and quickly adjust fill settings. The receivers feature a patent pending, fast action slide gate that prevents pellet entrapment during material discharge. The discharge slide gate does not invade the hopper that is being filled, which eliminates clogging and frequent loss of vacuum common with models using "dump flap" discharge.



AVR-10 "10-pound" Receiver (0.3 cu. ft.)



AVR-1 "1-pound" Receiver (0.03 cu. ft.)

The AVR-1 mini-receiver is ideal for loading small hoppers such as Micro-Blenders and feeders, which offer limited mounting space.

## MLS System Controller



The Clear-Vu™ microprocessor controller is a compact, removable unit with the capability of loading up to 8 receivers. Exclusive “Autofill” circuitry automates the setting of fill times.

**Easy setting of fill time.** As the receiver is filling, the operator uses a push-button to activate the “Autofill” software. When the desired level has been reached, the button is released and the fill time for that station is set.

**Automated loading.** Once load times have been set for each receiver, the controller sequences through the various stations loading each as that station’s level sensor calls for material.

**Individual station alarms.** Load-failure alarm with reset is incorporated in the controller and may be selectively activated for any or all stations.

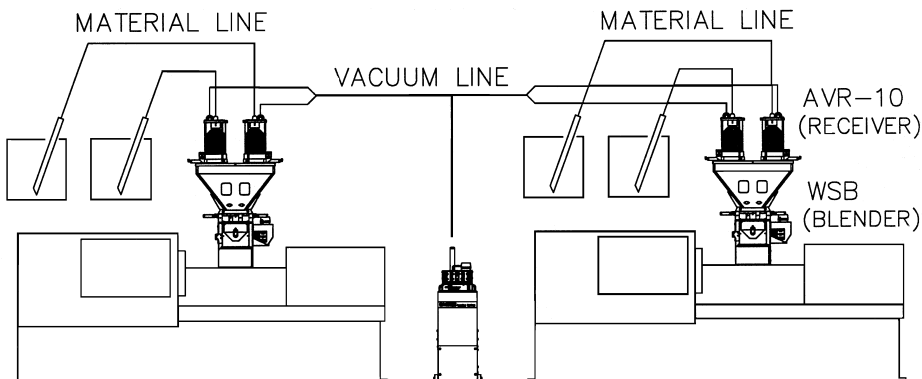
## MLS Power Unit

The power unit is portable, and is available with a 1, 2.5, or 5 HP blower. The powerful “no maintenance” blower eliminates bothersome motor brush replacement. Each controller is removable for remote operation. The dust collector features a cartridge filter with blowback and a 5-gallon reservoir that sits upright on a patented hinged pivot tray for easy removal.



## Flexible Deployment

In plants with many processing lines, use of several Clear-Vu Loading Systems, instead of relying on a single larger central system, increases versatility and ensures continued production by isolating problems that may occur.



# Venturi Loading Systems

Maguire Venturi Loaders keep your hopper filled automatically and are available with both visual and audible alarms to warn if the loader fails to fill the hopper completely. The control can accommodate up to 4 switches to control 4 venturi loaders.



## Choose from Four Models

### Model ML

Model ML automatically loads material at rates up to 200 lb/hr. A low-level sensor signals an air solenoid to begin loading. Loading continues until the sensor is covered. An in-line ON/OFF switch is located on the power cord of the loader.

### Model ML-A

Model ML-A adds audio and strobe light alarms to the Model ML, which alert the operator to exhausted material supply or stoppages. If loader "ON" time exceeds two minutes, a STROBE light will flash, and an electronic beeper will sound continuously until floor personnel respond.

### Model MPL-AS

Model MPL-AS adds an additional timer and a material-shutoff valve to the alarm-equipped Model ML-A. If floor personnel do not satisfy the alarm condition within five minutes, a material flow valve is activated. This valve discontinues the flow of natural material to the process, thereby preventing the process from continuing.

### Model ML-1R Regrind Loader

Model ML-1R is designed specifically for regrind. A larger diameter air amplifier is used to maximize airflow for efficient conveying of regrind. With a vertical conveying distance up to 12 ft., the ML-1R will convey regrind up to 200 lb/hr. This unit is very effective for emptying beside-the-press granulator drawers equipped for vacuum takeoff or for conveying regrind from a container using a regrind pick-up lance. The ML-1R venturi loader is designed for regrind only and will not convey pellets.

*Model ML-1R Shown*

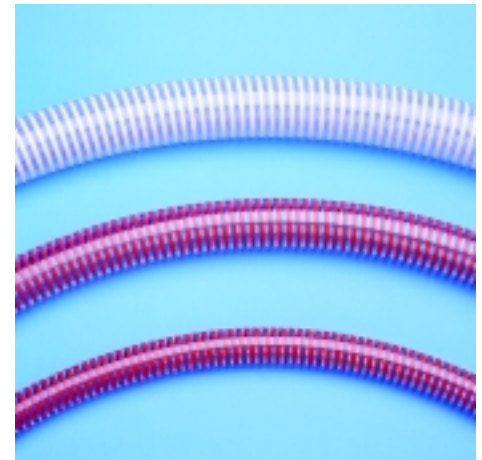




AVR-1



AVR-10



**RED PVC TUBING**  
 TPVC16 1" tubing  
 TPVC24 1 1/2" tubing  
 TPVC32 2" tubing



AVC-8 8 STATION CONTROLLER



**MLS DUST COLLECTOR CARTRIDGE FILTER**  
 Model HF06



**ML VACUUM GENERATOR**  
 371 1" vacuum generator  
 371-15 1 1/2" vacuum generator



AVR-1 BODY



AVR-10 BODY



**MATERIAL PICK-UP LANCES**  
 1710 1" pick-up lance assembly  
 1714 1 1/2" pick-up lance assembly  
 1715 2" pick-up lance assembly