

Air Transfer Loading System



Simple Design

Quiet Operation

Low Maintenance

Minimum Inventory

Quick Material Changes

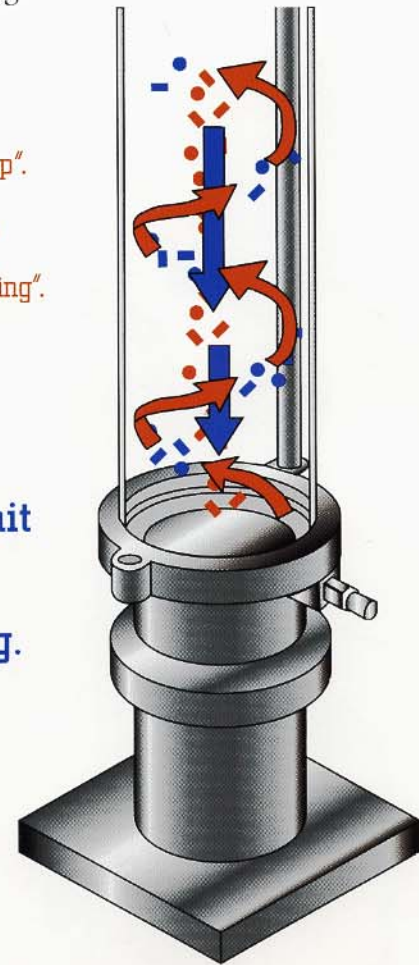
MATSUI

offers high productivity and efficiency in a small package.

MATSUI'S Air Transfer Loading System (ATLAS) is the perfect alternative to large over-powered vacuum systems. When material usage is small, loading distances are short, or if floor space is tight, MATSUI'S ATLAS is the right loading system for your application.

- Material is conveyed using your compressed air supply.
- Small inventory and modular design make cleaning a "snap".
- Heavy duty cast aluminum and stainless steel construction.
- Load virgin resin or load virgin and regrind without "layering".
- Low energy usage.

**Ratio Swirl Unit
mixes resin
before molding.**



ATLAS Specifications

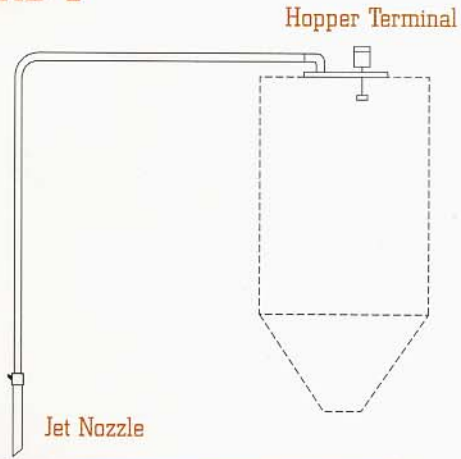
Material: Virgin Acrylic			
Distance	Airflow	Pressure	Average Capacity
15 FT	12 CFM	85 PSI	450 LBS/HR
30 FT	12 CFM	85 PSI	245 LBS/HR
60 FT	12 CFM	85 PSI	75 LBS/HR
90 FT	12 CFM	85 PSI	50 LBS/HR

All figures include an 8 foot vertical rise.

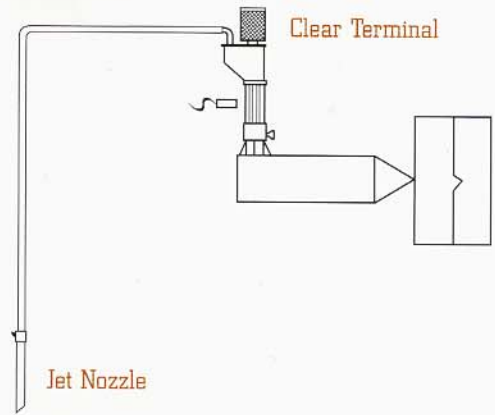
System Flow

EXAMPLES

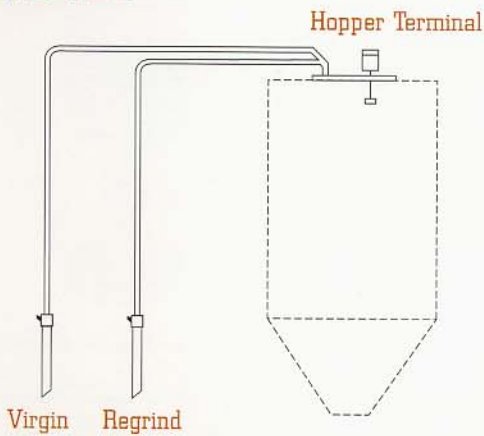
ATLAS 1



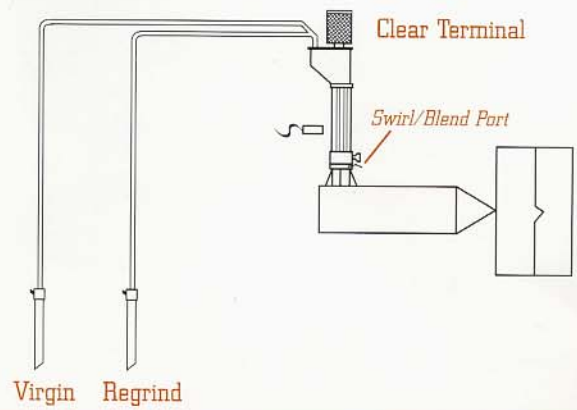
ATLAS 2



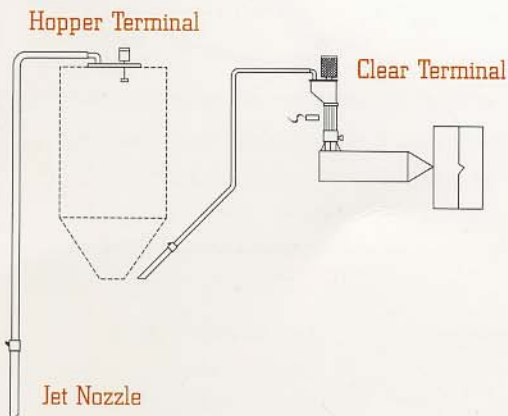
ATLAS R-1



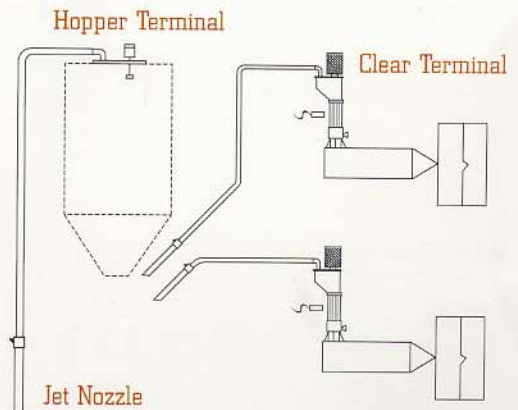
ATLAS R-2



ATLAS C-1



ATLAS C-2



Optional equipment makes the MATSUI ATLAS extremely versatile.

SIDE MOUNT FILTER

Spring loaded "detents" hold the local filter off to the side of the clear tube. Contamination on material changes is reduced. A clear "collection sock" under the filter catches dust, extending filter life.



VACUUM BOX

Used for distributing resin from under a hopper. There are two basic types: KKB: for direct feed hose hookup and SKB: for insertion of a Jet Nozzle. 1-4 ports are available.



REMOTE FILTER

The larger exhaust air filter is placed in an enclosure, and attached by a hose to the receiving terminal. Less frequent cleaning and easier access are the benefits to this option. Two sizes are available.



CONVEYING ALARM LIGHT

If the resin level does not satisfy the sensor after the conveying time, an alarm lamp signals the operator.



LINE PURGE

A double port Jet Nozzle is used to "blow" the resin line clear after every cycle.



GRANULATOR DISCHARGE SYSTEM

Two port KKB vacuum box mounts under a granulator. One port feeds "fresh" regrind back to process. The second port discharges excess regrind to waste. Keeps grinder from backing up, and in some cases eliminates the "redrying" of regrind.



Chicago Headquarters:

1250 West Lunt Avenue
Elk Grove Village, IL 60007
847-290-9680
Fax: 290-9685

Los Angeles Office:

1240 North Lakeview Avenue
Anaheim, CA 92807
714-693-1101
Fax: 693-1345