

# **PNEU-CON**

**PNEUMATIC  
CONVEYING, INC.**



**WHISPER™ LOADERS**

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## SELF-CONTAINED VACUUM LOADERS

### WHISPER™ LOADERS

WHISPER™ loaders are self-contained vacuum conveying systems. WHISPER™ loaders work automatically to maintain a constant material level in day bins or receiving hoppers which are located above injection, extrusion or blow molding machines.

Each self-contained system operates on a batch principle. The duration (time) of conveying and dump cycles are pre-determined by adjustable timers.

### FEATURES

- ✓ Automatic high level control of the process hopper is accomplished by the use of a proximity switch.
- ✓ Each WHISPER™ Loader operates as a self-contained, stand alone system.
- ✓ "Di-Ac" (Diaphragm Action) automatic filter cleaning action.
- ✓ 120 volt power, pre-wired with power cords.
- ✓ Electrical control panel, solid state PLC control circuit board with adjustable timers, run and maintenance indicator lights, built-in circuit breaker overload protection, and a twelve (12) foot control cord.
- ✓ Sound attenuation cone, (standard on SC1500 and SC1750 models.)
- ✓ Vacuum motor with "Quick" disconnect for easy removal.
- ✓ Ten (10) feet of PVC flexible conveying hose, with pick-up lance.
- ✓ Spun and welded aluminum standard construction. (optional stainless steel and painted carbon steel)



### MODEL SC1250

**WHISPER™ Loader Model SC1250** is the most compact of the WHISPER™ Loader family.

Its size and capacity make it ideal for the smaller molding and extruding machines.



### MODEL SC1500PLVP

**Model SC1500** is the most flexible unit of the WHISPER™ Loader family. Its size offers the most versatility, and is available in a variety of models including powder receivers, proportional loading, vibra-pulse, and InterBlend. The Model SC1500 includes, as a standard, a remote mounted electrical control panel and twelve (12) feet of electrical connector cables.

**Model SC1500PLVP** is a larger, higher capacity unit than the SC1250PLVP. (featured on the cover)



### MODEL SC1750

The *powerhouse* of the WHISPER™ Loader line, the **Model SC1750** has the largest motor conveying capacity, making this loader ideal for larger molding and extruding machines.

## REMOTE CONTROL PANEL



Remote mounted electrical control panels are standard on Models SC1500, SC1750 and SC2000, and is optional on the SC1250



We also offer all brands of PLC Controls such as Allen-Bradley, Square D, etc. Please consult factory for options

## WHISPER™ LOADER OPTIONS



### POWDER RECEIVER

options include and incorporate the use of pleated cartridge filters and plenum automatic pulse filter cleaning. This process results in the efficient conveying of fine powders.



### VIBRA-PULSE

is a filter cleaning system for dusty product conveying using pulses of air automatically released as required by pre-determined timers and electrical solenoids. Different filter medias are available to accommodate varying dust levels.



### CARTRIDGE FILTERS

12" to 36" Pleated Cartridge Filters, also a variety of flat filters are available.

### INTERBLEND

is a static internal blender used to prevent layering with a proportioning loader.



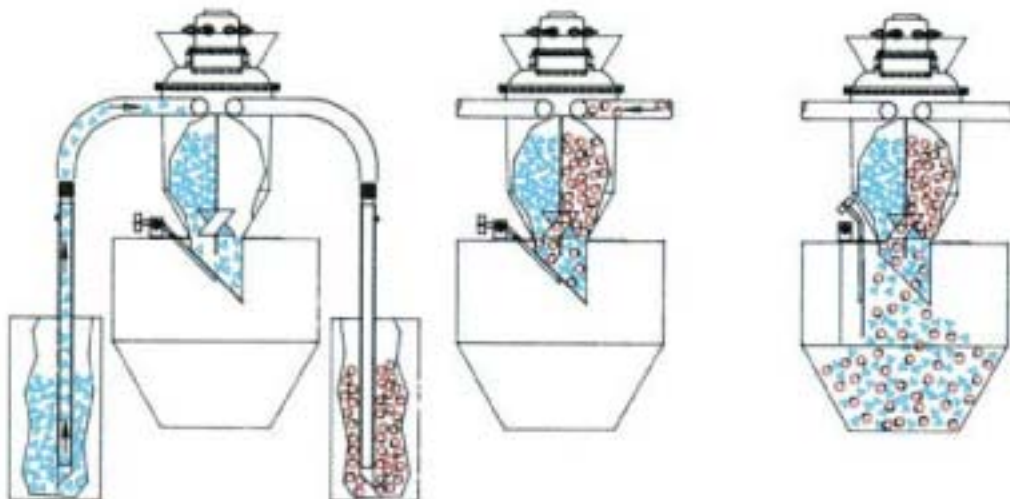
### PROPORTIONAL LOADERS

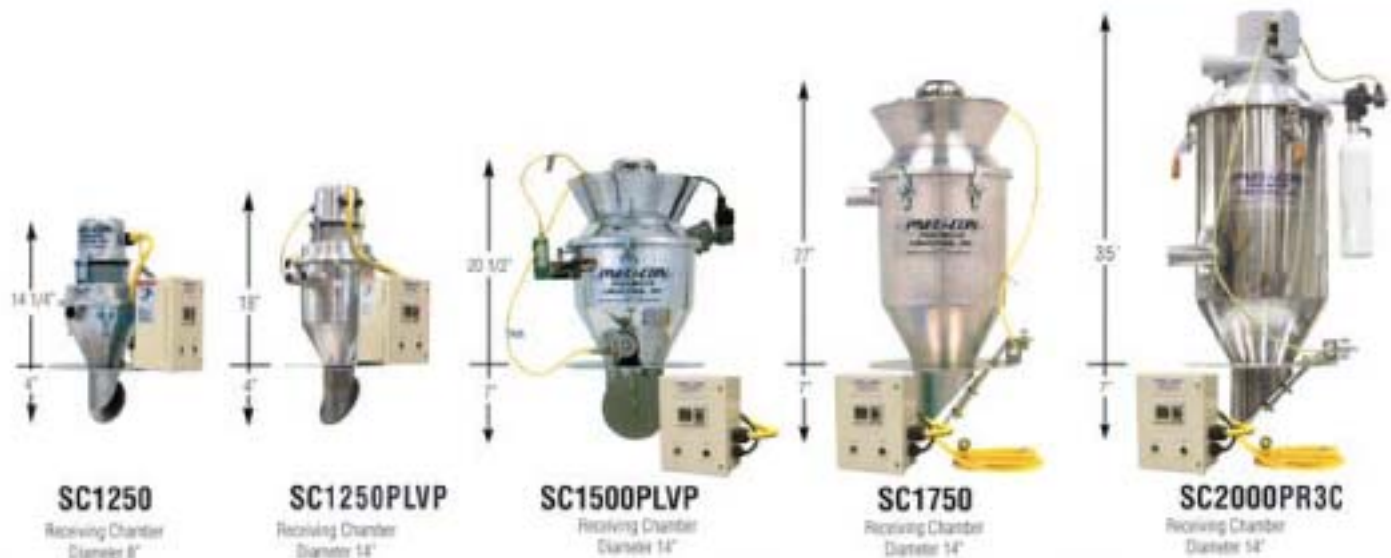
Allow for the alternate conveying of two (2) different materials.

**WHISPER® Loader Model SC125XT** (extra tall) is a taller version of Model SC 1250.

## PROPORTIONAL LOADER OPERATING SEQUENCE WITH INTERBLEND

1. The ratio selection of virgin and regrind is a direct reading from 0 to 100%. The total cycle time is factory preset and may be field adjusted to compensate for conveying distance. Adjustment of the cycle time does not alter the ratio adjustment. With switch "on" and no material sensed in the receiving hopper, virgin is loaded.
2. After the virgin material requirement is reached, regrind is loaded.
3. "Off time" allows material to dump or discharge. Materials are blended as they are discharged.





## SPECIFICATIONS

### Whisper® Loader Specifications

MODEL	Motor VAC Code	"BL" Motor Avail.	Pick-Up Lance Qty	Flex Hose (X) x 10' Lg	Filter Code	Filter Qty	Filter Area	Control Cord Length	Power Cord Length	Loader Weight (lb)	Shipping Weight (lb)
<b>Standard &amp; VP</b>											
SC1250	1	No	1	1	2	1	64-in <sup>2</sup>	1.5'	10'	14	26
SC1250-VP	1	No	1	1	1	1	64-in <sup>2</sup>	1.5'	10'	14	26
SC1500	1	Yes	1	1	2	1	153-in <sup>2</sup>	1.5'	10'	24	45
SC1500-VP	1	Yes	1	1	1	1	153-in <sup>2</sup>	1.5'	10'	24	45
SC1750	1 or 2	Yes	1	1	2	1	153-in <sup>2</sup>	1.5'	10'	28	48
SC1750-VP	1 or 2	Yes	1	1	1	1	153-in <sup>2</sup>	1.5'	10'	28	48
SC2000	1 or 2	Yes	1	1	2	1	153-in <sup>2</sup>	1.5'	8'	28	48
SC2000-VP	1 or 2	Yes	1	1	1	1	153-in <sup>2</sup>	1.5'	8'	28	48
<b>Proportioning</b>											
SC1250-PLVP	1	No	2	2	1	1	64-in <sup>2</sup>	1.5'	10'	23	35
SC1500-PLVP	1 or 2	Yes	2	2	1	1	153-in <sup>2</sup>	12'	10'	27	47
SC1750-PLVP	1 or 2	Yes	2	2	1	1	153-in <sup>2</sup>	12'	10'	32	52
SC2000-PLVP	1 or 2	Yes	2	2	1	1	153-in <sup>2</sup>	12'	8'	32	52
<b>Powder &amp; Proportion-Powder</b>											
SC1250-PR1C	1	No	1	1	3	1	11-ft <sup>2</sup>	12'	10'	26	38
SC1500-PR3C	1 or 2	Yes	1	1	3	3	33-ft <sup>2</sup>	12'	10'	32	52
SC1750-PR3C	1 or 2	Yes	1	1	3	3	33-ft <sup>2</sup>	12'	10'	38	58
SC2000-PR3C	1 or 2	Yes	1	1	3	3	33-ft <sup>2</sup>	12'	8'	38	58

**Motor Code** 1 2 (All units with 2-Stage Blower Fan)

**Voltage** 120VAC 240VAC

**Filter Code** 1 2 3  
**Filter type** Di-Ac Di-Ac Pleated  
 Nylon Poly-Felt Cartridge

- Notes:** 1) Diaphragm-Action (DI-Ac) Flat Filters available in either Nylon or Poly-Felt as options.  
 2) Pleated Filters are 12" Standard with Loader body straight-side dimension of 12" minimum, other lengths (8" & 18") available as special-order options (longer Filters require taller bodies).  
 3) Shipping weights shown include Pick-Up Lance(s), Hose(s), Control Panels & Packaging.  
 4) Series 1500 and larger Loaders available with the Brushless "BL" type motor - adds 5 pounds.

Consult factory for other available options. Pneu-Con also manufactures a complete line of: Central Powered Systems, Volumetric/Glavimetric Blenders, Day Bins, Silos, Tilt Stations (Drum & Gaylord), Bag Dump Stations, Bulk Bag Racks, Vertical Mixers, Rotary Airlocks, Railcar Unload Systems, Pull-Pac Systems, Just-In-Time Conveying, and Fines Separators.

Represented by:

