

Blending | Controls | Analytics

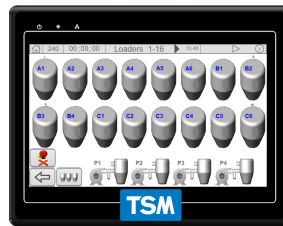
VAC3000

Central Vacuum
Loading System

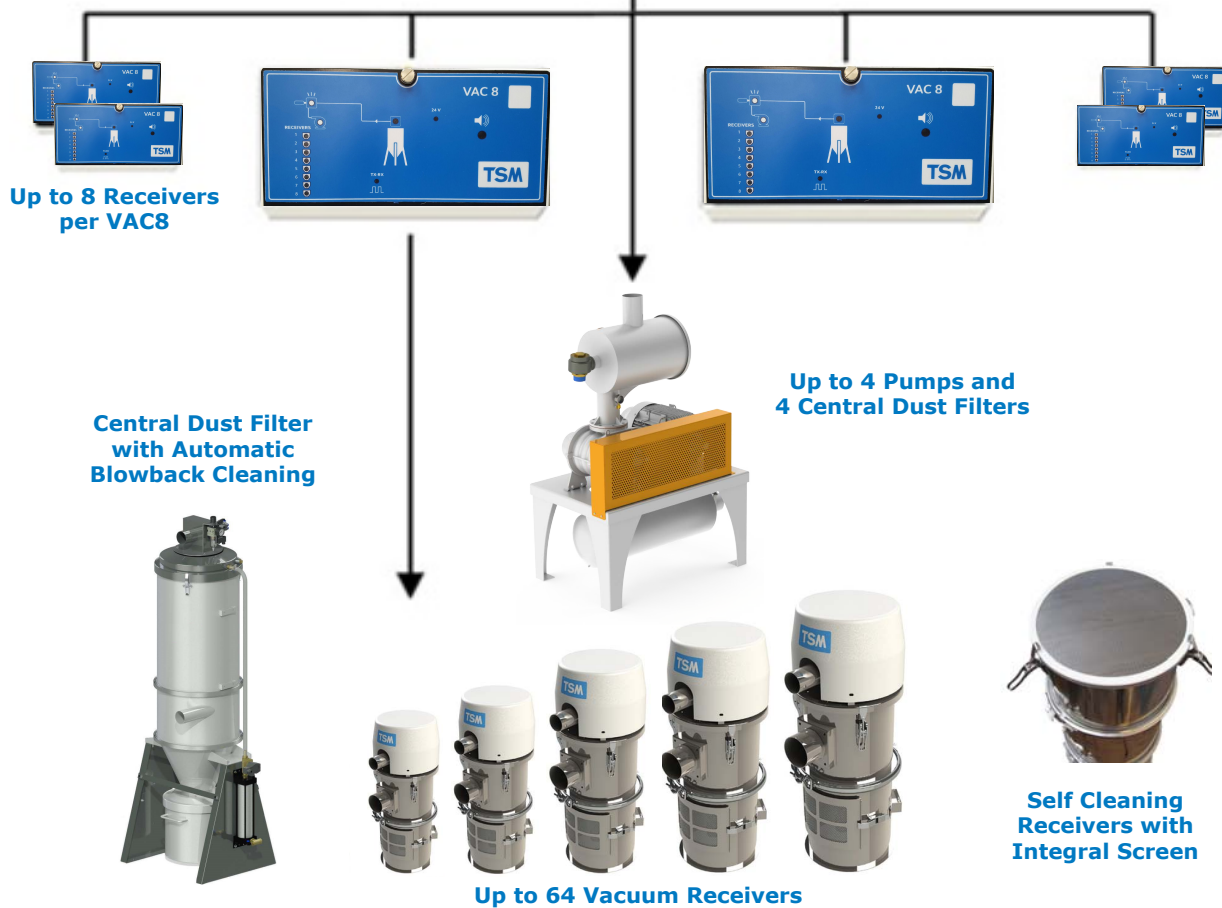
TSM

Benefits

- Simple Installation
- Operator Friendly
- Easy Expansion
- Reduced Hardware Costs
- Reduced Lifetime Running Costs
- Reliable



Central Touch
Screen Interface



VAC3000 Typical systems include a microprocessor-based central sequencing control panel with a communications connection to TSM VAC8 remote I/O modules that supervise up to eight vacuum receivers each. The central console touch screen display is operator friendly and provides full process visibility.

Ease of expansion is key to any TSM material handling system. Additional VAC8 modules can be connected to the sequencing control panel allowing multiples of 8 vacuum receivers to be connected to the system. The system also allows easy integration with existing non-TSM vacuum receivers.



VAC3000

Central Vacuum Loading System

Component	Min	Max
Pump(s)	1	4
Vacuum Breaker Valve(s)	1	4
Central Dust Filter(s)	0	4
Vacuum Receivers	1	64
Vacuum Receivers per pump	1	64
VACs per System	1	8

System Components



VAC8 Remote I/O Module

- Installed close to vacuum receivers to minimize wiring
- Only one cable from each VAC8 to central panel
- LED indicators to remotely display status of receivers and pump
- Displays; filter, vacuum breaker valve, and alarms



Vacuum Receivers

- Internal sequencing valve
- Automatic blow-back for screen filter cleaning
- Level switch on flapper valve
- Junction box for easy connection
- Up to 4 cuft capacity
- Simple, no-tools capacity expansion
- Stainless Steel construction
- Material inlet check valve for common material line applications



Material Handling System Options

- Positive Displacement and Ring Compressor type pumps
- Pump starter panel
- Bag House and Cartridge type dust filters with automatic blow-back
- Vacuum Breaker valves
- Common Material line check valves
- Optional volume fill sensor for vacuum receivers



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