EMV Variable Speed Drive for Vacuum Power Units

Process Control’s EMV variable speed drive for our VF Series Vacuum Pump has the ability to slow down or speed up the pump to match the conveying requirements for each vacuum receiver station. By controlling the speed, not only does the drive allow the user to save energy, but it helps keep the material undamaged during the conveying process. The conveying speeds are easily controlled through PCC’s Director™ Sequencing Panel. The VSD can be included on new systems or as a retrofit to an existing system.

Features

- The ideal conveying velocity can be established for each material run
- Greatly reduced material degradation, which can result in fines and angel hair production
- Lower vacuum pump speeds means energy reductions of up to 45%
- Offers the ability to mix and match conveying tube line size, reducing installed cost by 20%
- Used for either in-plant systems or for bulk unloading of trucks or railcars

Vacuum Receiver (left) and System (right) configuration screens on Director™ Sequencing Panel to control pump speeds for each station.
For detailed product information, including specs and dimensions, please request a PCC cut sheet:

For more information about the company and other PCC products, please visit our website: