

## **Volkmann Introduces Conweigh** ***Accurately Weighs Product in Transfer to Improve Production***

FOR IMMEDIATE RELEASE

(June 1, 2012 – Hainesport, NJ) Volkmann, Inc., a market leader in powder and small particle vacuum conveying, has introduced Conweigh — a weighing system to complement their VS and PPC series of vacuum conveyors. Conweigh can accurately weigh powders, granules, food particles, pellets, capsules, tablets and other bulk



Volkmann PPC in the weigh frame of a dosing process. Conweigh element at rear of PPC.

materials being transferred into and out of production processes via Volkmann conveyors. Conweigh registers weight within +/-1% or better, allowing adjustments to be made to avoid weight gains or losses during transfer and improve production outcomes.

Depending on the production application, Conweigh can work with one, three or four loadcells, weighing material as it leaves bulk bag unloaders, hoppers and/or bag dump rip and tip stations (loss-in-weight) or it can also be configured to weigh into vacuum receivers prior to their discharge into the production process (gain-in-weight).

When used for weighing into vacuum receivers, Conweigh is available in two configurations:

- a single loadcell to accompany the VS or PPC200 and 250 Volkmann vacuum conveyor models
- three loadcells for the VS or PPC350 and 450 models.

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- Conweigh
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When used in weighing of output from bulk bag unloaders, hoppers and/or bag dump rip and tip stations, a fourth load cell configuration is available.

The Conweigh system can be instrumental in maintaining the accuracy of dosing processes by establishing a controlled material release regimen via the Multijector® Vacuum pump, weighing the material discharged after the pump is deactivated and then continuing with dosing until the target value is reached.

The system uses a three-step weighing process to eliminate errors that can occur due to the build up of material on filters, and other system parts. The  $\pm 1\%$  accuracy is a function of the application, batch size, installation and process, but can often exceed this number after testing and adjustments.

Conweigh includes options for recipe management via the pic controller and HMI and is available in 110v or 240v options. It can be set up to interface with SCADA and other data collection systems.

### **About Volkmann**

Volkmann engineers and manufactures high quality, high performance vacuum conveyors, bag dump stations, unloaders and equipment for the safe handling of fine chemicals, granules, pellets, tablets, food particles and small components. For more information visit

[www.volkmannusa.com](http://www.volkmannusa.com), or call 609-265-0101.