

# Automated Filling Hopper Scale Systems

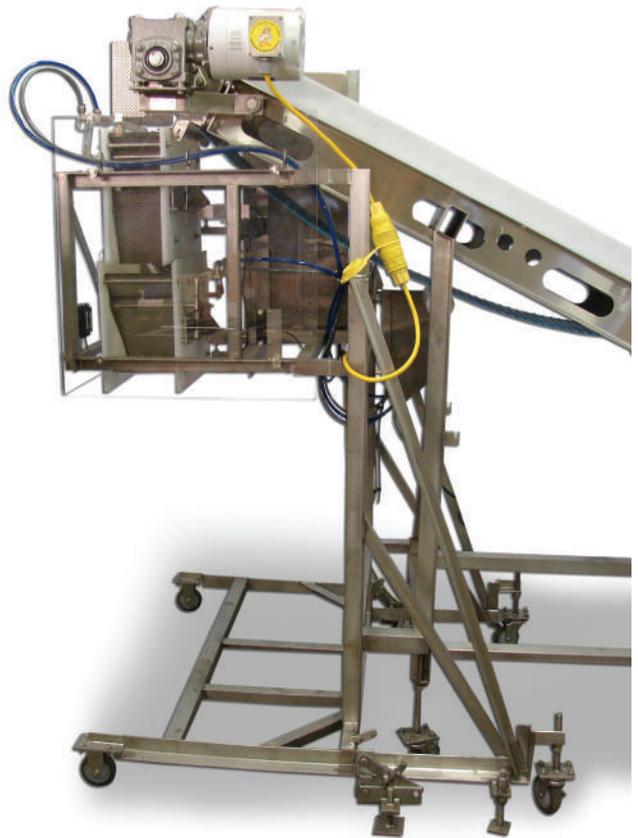
Built Better...

Because We Care!

*For filling product prior to entering the packaging and sealing system*

Today, processors are looking for innovative ways to automate manual production lines in order to reduce processing costs and time. The problem processors are experiencing is having to manually fill and weigh toppings like sliced pepperoni or ground bacon bits in order to assure accuracy before sending it on to be packaged and sealed. Vande Berg Scales' solution is a filling machine that weighs and fills product into trays or pockets before entering a packaging or mechanized vacuum sealing system.

If you are manually weighing and filling sliced product such as pepperoni or ground product such as bacon bits prior to sending to a packaging machine, a Vande Berg Scales'-designed multi-scale filling and weighing system is your solution. We designed this system to accurately fill and weigh pouches, pockets, or trays as they are conveyed directly from the slicing or grinding machines, eliminating the time-consuming task of manually weighing and filling.



*Dual scale hopper on movable casters*



*Hopper and scale assembly*

*"We saw a need for automation, after observing our customer manually filling and weighing product into trays or pouches, before being sent to the mechanized vacuum sealing system."  
Wes Michaelson, system sales of VBS Inc.*

**VANDE BERG**  
**S C A L E S**<sup>TM</sup>

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*Vande Berg Scales' Filling Machine is for applications of weighed bulk-packages of sliced, chopped, or ground products being packaged prior to a mechanized vacuum sealing machine.*

**Advantages of Vande Berg Scales Automated Filling and Hopper Scale Systems are:**

- Less material handling needed
- Different weights can be measured into the pouches just by adjusting a few settings in the control panel
- A fully-automated filling system cuts down the number of steps needed to get measured product into the pouches
- Our filling system is incorporated into the mechanized vacuum sealing machine so they work together to keep product moving
- Fewer workers needed to fill the Multivac pouches
- Continuous belting with no seams
- Belt scrapers keep return belt from gathering debris

The Vande Berg Scales' automated filling hopper scale system combines speed and accuracy to give you a fully-automated weigh-filling system that meets USDA food safety inspection, adjusts your lines for very little human contact, and thus reduces the risk of food contaminates. Additionally, other inspection systems can be intergraded with this system such as metal detection.

An easy-to-clean™ conveyor takes product from a slicer, grinder, or mixer, and moves it to a bottom garner and hopper scale system that can be designed to allow you to accurately weigh and fill from one to four packages at a time. For convenience, this automated filling hopper scale system is designed for quick-disassembly and reassembly for thorough cleaning.

*"Food safety and reducing the risk of contaminations are advantages of eliminating the manual handling of product."*  
**Wes Michaelson, system sales of VBS Inc.**



*Plexi-glass safety shields protect workers from interfering or being injured by working parts of the filling system.*



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