

# Mobile Vacuum Conveying MAXimized.



Mobile Vacuum Conveying Systems

# Efficiency Meets Ease of Mobility. Guaranteed.

**MAXimize mobility to packaging & processing lines. Easier access to mix tanks and hard- to-reach areas. No stair-climbing, lifting, scooping or manual dumping. Mobile Vacuum Conveying Systems revolutionize processing & packaging.**

VAC-U-MAX Mobile Vacuum Conveying Systems provide gentle and damage-free vacuum transfer of product to process vessels including hard-to-reach mixers and tanks. System draws material directly from floor level — from paper bags, drums, IBC's, boxes, bulk bags, silos, storage containers and feed bins — maximizing productivity and worker safety by minimizing the ingredient handling stages including lifting, stair-climbing and manual dumping of product.

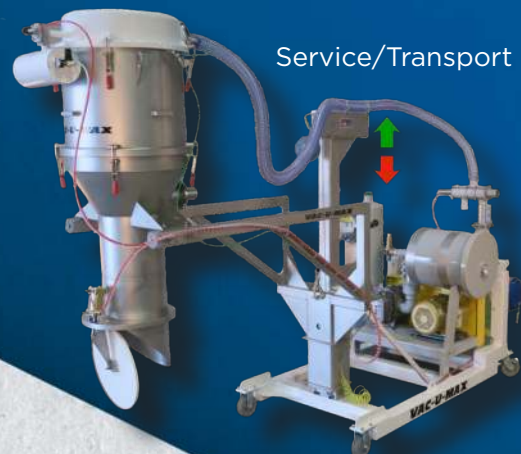
## HOW IT WORKS

VAC-U-MAX Mobile Vacuum Conveying Systems provide easy handling of powders and granular bulk materials from ground level to mixers and tanks or other hard-to-reach areas. The mobile frame incorporates a vacuum producer (air-powered venturi system, regenerative blower package or positive displacement vacuum pump) that vacuum conveys product from handfuls to 5,000 lbs/hr (2,268 kg/hr) and beyond. The vacuum receiver is raised and lowered with a manual roller-bearing winch with self-generating brake for safe and easy up-and-down mobility. Each mobile system includes an adjustable suction wand where the operator introduces product to the vacuum system. The control panel is mounted onto the rolling frame and handles the convey, discharge and filter cleaning functions of the system. Eliminate manual scooping, heavy lifting, stair-climbing and messy carton or bag dumping by vacuum conveying from floor level. System easily moves away from the process for easy closing of hatches and mixer covers.

Operating Position



Service/Transport Position



## FEATURES, BENEFITS & SYSTEM COMPONENTS:

- Raise and lower any VAC-U-MAX Vacuum Receiver up to 22" in diameter (560mm)\*
- VAC-U-MAX Vacuum Receiver vacuum conveys from Handfuls to 5000 lbs/hr (2268 kg/hr)\*
- Incorporates General Purpose and Explosion-Proof UL-Certified Controls
- Provides mobile and easy access to mixers, tanks and other hard-to-reach areas
- Eliminates the need for permanent conveyor installation above the process
- One mobile conveyor system can service multiple process vessels and varying discharge heights
- Systems easily rolled and positioned in place over processing or packaging equipment
- Material drawn from floor-level, no scooping, lifting, stair-climbing, manual dumping or fugitive dust
- Control panel mounted on rolling frame handles convey, discharge and filter cleaning functions
- Vacuum Receiver easily brought down to floor-level for easy cleaning and maintenance
- Vacuum power sources mounted on mobile frame
  - Power sources include venturi power unit, regenerative blower, or positive displacement pump
  - Utilizes minimal floor space
  - Heavy containers remain at floor level
  - USDA-Accepted design
  - Available with a wide range of material receivers & HEPA filters
  - Carbon steel or stainless steel

TUBE HOPPER, CONE OR OFFSET CONE

FULL OPENING DISCHARGE VALVE

ENGINEERED TO REACH PROCESS FEED

EASY RAISING AND LOWERING

MOBILE FRAME MOVES W/ ONE OPERATOR

MOBILE FRAME W/ VACUUM PRODUCER

## THE VAC-U-MAX DISTINCTION:

- "No edges, No ledges"
- Faster processing time
- USDA designs & materials of construction
- Easy, quick-clean & take-apart features
- Low profile, portable, minimal footprint
- Made in the USA
- Local product support
- Performance guarantee
- Maximize regulatory compliance
- Maximize process efficiency & productivity
- Maximize facility regulatory compliance including (FSMA) sanitation and OSHA (Walking/Working Surfaces)

*\*Based on material bulk density*



Call (800) VAC-U-MAX or visit [vac-u-max.com](http://vac-u-max.com) and MAXimize your process!

## OVER 65 YEARS OF GETTING IT RIGHT.

In material handling solutions, every detail is critical. So when you do business with VAC-U-MAX, you're guaranteed a lot more than a high-performing product: Pioneering materials handling technology. Custom engineering expertise. Rapid turnaround and responsive support. And of course, our 100% satisfaction guarantee.

For more than six decades, we've made a name as a single-source, dedicated provider, handling more types of materials, serving more markets, and offering the highest possible degree of customization—so your systems are maximized to fit your needs.

