

ColumnLift™ Vacuum Conveying System. MAXimized.

SINGLE SOURCE
CUSTOM ENGINEERING
APPLICATION EXPERTISE

VAC-U-MAX

DELIVERING MORE

GLOBAL SERVICE & SUPPORT
100% GUARANTEED
SINCE 1954

ColumnLift™ Vacuum Conveying System

Efficiency Meets Ease of Use. Guaranteed.

No stair-climbing, lifting, scooping or dumping. Increase safety & productivity. Easier handling, mobility & access to process vessels with open & close hatches. VAC-U-MAX ColumnLift™ Systems revolutionize processing.

VAC-U-MAX ColumnLift™ Vacuum Conveying Systems provide gentle and damage-free vacuum transfer of product to process vessels including mixers, blenders, reactors or any vessel with open and close hatch doors. System draws material directly from floor level — from paper bags, drums, IBC's, boxes, bulk bags, silos, storage containers and feed bins — maximizing processing by minimizing the ingredient handling stages including lifting, stair-climbing and manual dumping.

HOW IT WORKS

Engineered for easy handling of powders and granular bulk materials from ground level to up and over process equipment, the VAC-U-MAX ColumnLift™ Vacuum Conveying System is furnished with an 18" diameter floor base and top rotating anchor. Operator stands a safe distance away and with remote pendant operates the electric lift mechanism, raising and lowering at 10-15 ft/min (3-4.5 m/min). System rotates away from the loading hatch of the process vessel and can be used to load side-by-side process vessels. All cleaning and sanitation steps occur at ground level instead of at elevation. A highly productive and versatile addition for any application requiring vacuum conveying free-flowing and non-free flowing materials from ground level to over process equipment at rates from handfuls to over 5,000 lb/hr (2,300 kg/hr). Eliminate manual scooping, heavy lifting, stair-climbing and messy dumping.



SYSTEM COMPONENTS

FEATURES & BENEFITS:

- Raise and lower any VAC-U-MAX Vacuum Receiver up to 22" in diameter (560mm)*
 - Provides easy access to mixer or process vessels requiring opening and closing hatches
 - Floor baseplate and top anchor feature bearings for easy rotation
 - Electric lift mechanism controlled with remote pendant
 - System raises and lowers at 10-15 feet per minute (3-4.5 meters per minute)*
 - Allows left-to-right rotation for easy swing-away of vacuum receiver from loading hatch
 - Programmable and remote controls allow conveying start and stop from floor level
 - System reduces lifting, stair-climbing and manual dumping
 - System utilizes minimal floor space
 - Allows side-by-side loading of process vessels
 - Heavy containers remain at floor level
 - Vacuum Receiver easily brought down to floor-level for cleaning & maintenance
 - Maximize facility regulatory compliance including (FSMA) sanitation & OSHA (Walking/Working Surfaces)
 - Convey from handfuls to over 5,000 lbs/hr (2300 kg/hr)*
 - Includes floor and top rotating anchor mounts
- *Based on material bulk density

BEARINGS FOR EASY ROTATION

ROTATES AWAY FROM LOADING HATCH

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, minimal footprint
- Made in the USA
- Local product support
- Performance guarantee
- Maximize regulatory compliance
- Maximize process efficiency & productivity

FULL OPENING DISCHARGE VALVE

RAISE/LOWER 10-15 FT/MIN (3-4.5 M/MIN)

ELECTRIC WINCH WITH REMOTE PENDANT

FALL-ARREST CABLE

BEARINGS FOR EASY ROTATION

18-INCH DIAMETER BASE PLATE (460MM)



Call (800) VAC-U-MAX or visit 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.



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