Packaging Industry Maximized


The Packaging Industry and Contract Packagers demand equipment that will handle ingredients with maximized focus on cleanliness, safety, and hygienic designs — while minimizing product degradation, segregation & contamination.

<table>
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<tr>
<th>GENTLE, DUST-FREE TRANSFER</th>
<th>VERSATILITY</th>
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<tbody>
<tr>
<td>• Material is drawn directly from drums, super-sacks, storage containers, totes, or other process vessels — without manual lifting, stair-climbing or messy dumping.</td>
<td>• Vacuum conveying lines can be routed between floors, through partitions, around machinery — can easily be re-routed to accommodate process modifications.</td>
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<td>• Automated systems can be completely sealed minimizing contamination and fugitive dust.</td>
<td>• Ideal for Contract Packagers, adaptable to many processes and packaging operations — vacuum conveying technology is easily integrated, automated and reused.</td>
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<td>• Any potential leakage will be inward — no materials or potentially combustible dust discharged into the work area.</td>
<td>• Floor-level loading, no manual lifting, ladder or stair climbing, heavy lifting, or messy dumping.</td>
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<tr>
<td>• Filtration based on application requirements — Unifilter, Multi filter (sock), Multifilter (pleated bag), or cartridge filter</td>
<td>• Mobility brings vacuum conveying to packaging machine</td>
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<td>• All systems are available with secondary HEPA filtration located ahead of the vacuum producer.</td>
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<th>SANITARY DESIGNS</th>
<th>SAFETY &amp; CERTIFICATION</th>
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<tr>
<td>• Material of construction ranges from 304SS or 316L</td>
<td>• Explosion protection available based on the application.</td>
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<td>• CIP-able Designs / Insertable Spray Balls</td>
<td>• Rupture Discs, Flame-less Venting, Chemical Suppression, Pressure Containment, Inlet &amp; Outlet Isolation Valves</td>
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<tr>
<td>• All finishes: Your spec or ours, up to mirror-finish</td>
<td>• In-House Passivation &amp; Dye-Penetrant Testing</td>
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<tr>
<td>• No tools required for disassembly, sanitary ferrule fittings</td>
<td>• FDA Documentation, Passivation Certificates of Compliance and Mill Certifications</td>
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<tr>
<td>• Modular design facilitates easy cleaning</td>
<td>• Bag-in-Bag-Out Filtration</td>
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<tr>
<td>• “No Edges, No Ledges” design with welds ground smooth</td>
<td>• Factory Acceptance Testing (FAT) available in our 6,000 square foot customer test lab located in Belleville, NJ.</td>
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<th>ECONOMICAL</th>
<th>CONTROLS</th>
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<td>• Long service life / lower cleaning costs</td>
<td>• VAC-U-MAX is a UL-certified control panel designer and builder for General Purpose (NEMA 4), Class 1 (NEMA 7/9), Class 2 (NEMA 4/4x with Purge or Pressurization &amp; Controls with ATEX-approved components.</td>
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<td>• Minimal maintenance — few moving parts</td>
<td>• VAC-U-MAX controls with local PLC or remote plant system including Allen-Bradley, Siemens, RTU, Modbus +, Modbus/TCP, Allen Bradley DF1, Device Net, Ethernet/IP &amp; Profibus DP.</td>
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<tr>
<td>• Reduced downtime, reduces operating costs</td>
<td>• Conveying with inert gas</td>
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PUT US TO THE TEST!

VAC-U-MAX welcomes the challenge to handle difficult materials under difficult conditions.

Visit www.vac-u-max.com and fill out RFQ.
VAC-U-MAX APPLICATION EXPERTISE:

- Refilling Auger Filling Machines
- Sanitary Mobile Conveying Systems
- Conveying Multiple Ingredients to Mixers
- Conveying Tablets & Capsules to Inspection
- Refilling Stick, Packet, & Sachet Filling Machines
- Bulk Bag Loading and Unloading Systems
- Multiple Ingredient Handling / Batch Weighing
- Conveying to Capsule Filling Machines
- Refilling Screw, Belt & Vibratory Tray Feeders
- ColumnLift™ Vacuum Conveying Systems
- In-Line Air-Swept Check Sieving System
- Sanitary Bag Dump Station with LoadLifter™
- Conveying Caps, Corks and Closures
- Direct Charge Loading to Mixers/Blenders/Reactors
- AERO-FLEX Flexible Screw Conveying
- Combustible Dust Vacuum Cleaners

Concerned about combustible dust? Learn more about VAC-U-MAX’s full line of Portable, Continuous-Duty, and Central Vacuum Cleaning Systems!!

Call (800) VAC-U-MAX or visit vac-u-max.com and fill out RFQ!
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.

VAC-U-MAX CAPABILITIES

- Direct charge loading of blenders, mixers, reactors and other vacuum tolerant vessels
- Automatic weighing & batching of multiple ingredients
- In-line check sieving while conveying product
- Dust-free transfer to tablet presses and capsule fillers
- Conveying tablets, gel caps, empty or filled capsules
- Delivering product, containers, and closures to filling and packaging machines
- Integration & automation of material transfer & controls
- Maximize regulatory compliance
- Sanitary designs, “No edges, no ledges”
- CIP-able designs
- Hand polishing to mirror finish
- In-House Passivations and Dye-Penetrant Testing
- In-House Engineering for Approval Drawing Submittal

FULL SERVICE TEST LAB

- 6000 ft² (560 m²) Test Lab
- 400 ft (120m) tube runs
- Full scale testing with customer supplied ingredients
- Expert Consulting and Design Engineering
- Convey Handfuls to 25,000 lbs/hr (11,400 kg/hr)
- Line size availability up to 4” (100mm) OD
- Material tests for Vacuum Conveying applications
- Material tests for Aero-Mechanical Conveying
- Material tests for Flexible Screw Conveying
- Material tests for Bulk Bag Loading/Unloading
- Material tests for Bag Dump Stations & more!
- Witnessed or Virtual Testing
- High Vacuum Pump Capabilities up to 29” Hg (982 Mbar)
- Industrial Vacuum Cleaner Testing
- Equipped with VAC-U-MAX Central Vacuum System

THE VAC-U-MAX DISTINCTION:

- Faster processing time
- Cleanable designs & FDA-approved materials of construction
- Easy, quick-clean & take-apart features
- Minimal footprint
- Made in the USA
- Local product support
- Performance guarantee
- Maximize regulatory compliance including (FSMA) sanitation and OSHA (Walking/Working Surfaces)