



Industrial
Systems^{LLC}



ASH ♦ CEMENT ♦ LIME ♦ PLASTICS ♦ SAND ♦ SILICA ♦ AGRICULTURE ♦ BIO-WASTE



Bulk Material Conveying, Processing and Storage Systems

- Engineering ♦
- Equipment Procurement ♦
- Construction ♦
- Commissioning ♦
- Remodel, Retrofit, Repair ♦
- Troubleshoot / Assessment ♦
- Management Services ♦
- Parts and Service ♦





Custom Material Handling Solutions



ENGINEERING AND DESIGN

Pneumatic conveying, storage, and processing Design Professionals. Our extensive experience and innovation is adapt to delivering custom facilities tailored to your specific material handling requirements. Our design services are full turnkey and can deliver a complete package including Structural, Mechanical, Electrical, Civil, and Controls. We can deliver several types of engineering packages including complete Design-Build, or we can design your system for a traditional open market Design-Bid-Build to ensure you are getting the most competitive rates on the market

ENGINEERING SERVICES

PNEUMATIC CONVEYING

Dense Phase Systems, Dilute Phase Systems, Vacuum Conveying Systems, Flat Floor Recovery System, Long Distance, and Hybrid Systems. LBIS has the capability to design a Pneumatic Conveying System specific to your exact material and processing requirements.

MECHANICAL CONVEYING

Screw Conveyors, Belt Conveyors, Bucket Elevators, Chain Conveyors, and Vibratory Conveyors can all be custom designed and implemented into your system. Depending on material, a full mechanical conveying, or a hybrid mechanical/pneumatic conveying system can be designed to efficiently convey your materials.

CONCEPTUAL DESIGN

Project planning services, concept study, research, feasibility assessment, and establishing design requirements can be provided as you develop your project. LBIS works with your group to conceptualize the system required for your material transfer, storage and processing needs. A detailed RFP can be produced for open market bid of contractors or a design-build contract can be developed with LBIS.

CONSTRUCTION SUPPORT

Quality control, design review, shop drawing review, planning process, temporary systems, consultation, design coordination, bid management, cost analysis studies, and feasibility assessments

LABORATORY SERVICES

Our pneumatic conveying laboratory services are offered to identify and obtain knowledge and data on your specific material to determine the material's pneumatic conveying properties and requirements. This will allow our Design Team to develop a custom system to accommodate the properties of your specific material, while minimizing power requirements and wear of process pipelines.

COMMISSIONING

Start-up and Commissioning are the final steps before turnover to operations. LBIS is uniquely poised to perform commissioning and start-up and the accompanying trouble-shooting and problem-solving activities, whether as part of a design/build project or as a final step in an ongoing project. LBIS also offers third party commissioning services for pneumatic conveying systems.

EQUIPMENT ASSESSMENT & ACQUISITION SURVEYS

Full assessment of existing equipment and facilities. Surveys are essential to analyze the existing condition of equipment that could be repurposed, purchased, or leased to identify risks and liabilities associated with existing facilities with conveying, storage, and processing equipment.

Our Engineered Systems will be customized to your exact needs. Our business model is not centered around pushing equipment sales from a catalog. We specialize in custom material handling solutions and will develop a complete design that integrates open market equipment into a system optimized for your plant.



LB INDUSTRIAL SYSTEMS, LLC

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SYSTEMS AND COMPONENTS

◆ PNEUMATIC CONVEYING SYSTEMS

Dense phase systems, dilute phase systems, vacuum collectors, pressure transfer vessels. LBIS delivers complete bulk powder handling and transfer system specific to your needs.

◆ BULK MATERIAL STORAGE

Bulk storage solutions including large volume dome storage structures, bolted storage tanks, and bulk storage silos. LBIS partners with many industry leading tank manufacturers and can specify, design, and supply the storage system required for your facility.

◆ LOADING / UNLOADING

Bulk material loading and unloading systems for truck, rail, barge, and bagging/super-sack can be provided and incorporated into your system. Manual operating to full automation controls can be custom tailored to your budget and operational requirements.

◆ PROCESSING EQUIPMENT

Blending, classifying, conditioning, dust control, landfill equipment, wet to dry conversions, and many others. Please let us know what your processing requirements are and we can provide solutions.

◆ MECHANICAL CONVEYORS

Screw Conveyors, belt conveyors, bucket elevators, chain conveyors, and vibratory conveyors are available if your material requirement cannot be pneumatically conveyed. Hybrid systems or complete mechanical systems can be delivered as required.

◆ SPARE PARTS / WEAR PARTS REPLACEMENT

All associated parts for pneumatic conveying systems can be supplied for attic stock purposes or supplied and installed if required. Filters, valves, hoses, gaskets, etc.

MARKETS

LB Industrial Systems can move, store, and handle a wide range of materials encountered in several industries. Powders, pellets, granular, and other materials can be characterized in our laboratory and applied to develop a conveying and handling system that is optimized to your material requirements. We specialize in:

- | | | | |
|----------|------------|-----------|------------------------|
| ❖ Ash | ❖ Cement | ❖ Sand | ❖ Agriculture |
| ❖ Lime | ❖ Plastics | ❖ Silica | ❖ Dry Chemical Powders |
| ❖ Gypsum | ❖ Polymers | ❖ Alumina | ❖ Bio-Waste |

CONSTRUCTION

◆ TURNKEY PROJECT DELIVERY

Complete design-build services. LBIS has years of construction experience and will work with you to deliver a full system from concept to commissioning. Utilizing our full design-build services will accelerate timeline, reduce overall risk, and will maximize system performance and efficiency.

◆ CONSTRUCTION MANAGEMENT SERVICES

LBIS's project management team can expertly navigate conveying construction projects from concept to completion. Based on a thorough knowledge of cost management, project planning and scheduling, contract administration, and communication, our team will deliver projects safely, meeting budget and milestones.

◆ EQUIPMENT INSTALLATION SERVICES

Do you have a specialized piece of equipment procured but need installation? LBIS can install your piece of equipment and integrate into your system.

◆ LICENSED CONTRACTOR

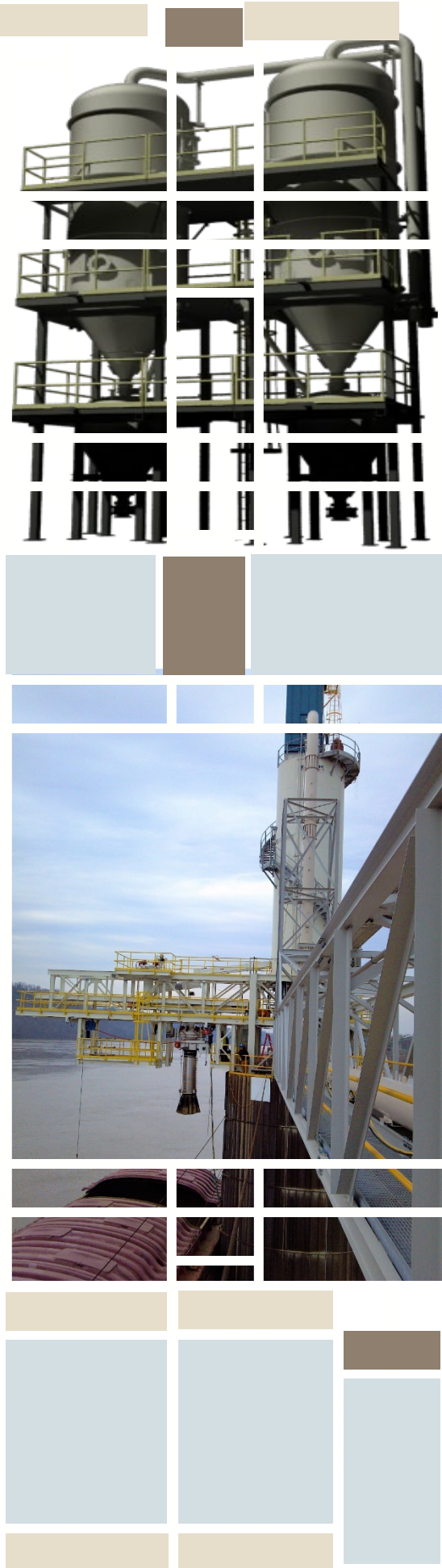
LBIS is a licensed contractor all over the United States. We are capable of mobilizing to your facility anywhere in the United States.

We are more than just Designers and Builders. We are partners who are passionate about all our partner's success.

Contact us to inquire about your next project:

(210) 344-2009

lbis@lbindustrialsystems.com



LB Industrial Systems is a customer focused, design-build firm that deliver's complete conveying, processing and storage systems specific to the clients needs rather than product-based. We will produce solutions that meets your requirements.

Our Mission

Be an industry leading solution provider for Engineering, Fabrication, and Construction Services related to bulk material handling, utilizing our experience, leadership, and ethics. We partner with our clients to provide personal service and attention, to realize their goal and provide more succinct and efficient project deliveries.



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