



MATERIAL HANDLING SYSTEMS

With over 50 years of experience offering technical expertise in design and installation of material handling systems, Matrix PDM has built a solid reputation for reliable performance and engineering excellence and has completed many innovative and diversified projects throughout the world in all areas of material handling.

For some of our clients, moving bulk materials is a primary business, for others it is a component in a larger process. Regardless, we understand that clients are looking to maximize throughput and increase system reliability, while balancing capital, operational and maintenance expenses, Bulk Material Handling has been part of Matrix PDM's practice for decades. In applications across all manner of facilities and commodities, Matrix PDM has developed solutions to address the challenges our clients face.

Matrix PDM provides engineering, procurement and installation services.

A HIGHER STANDARD IN ENGINEERING.

RELIABLE PERFORMANCE AND ENGINEERING EXCELLENCE

From pebbles to pills to powders, from stones to seeds to sand, Matrix PDM is experienced in handling a large variety of bulk materials for industries across the board. We have designed hundreds of thousands of feet of conveyor for wet and dry, free-flowing and sticky materials. We understand the issues and challenges that operators face: product flowability, bridging, reclaim and blending, spills and emissions at transfer points, dust emissions and build-up, washdown systems, Hazardous Products and Area classifications or corrosive products. Matrix PDM has solved these challenges, and can bring best practices and proven solutions to our clients based on the hundreds of projects implemented.

Matrix PDM understands your facility as a whole. Because we also design entire facilities, we can recommend and design bulk material handling solutions and conveying systems that integrate with other areas of the facility. Our team has the ability to design all of the facility components that go in and around the material handling from silo storage, marine and dock structures, loading and unloading systems, to electrical and controls. We are not tied to any particular equipment or technology. Our solutions and recommendation are based on one thing and one thing only—what's best for our clients' business and the materials they handle.

From conceptual layout through final design, construction and commissioning, our experience encompasses fundamental components for material handling success including blending, conveying, silos and stacking tubes, automation and controls, and marine structures.

Services

- Feasibility studies, conceptual design and facility planning
- Preliminary and final design
- Design/supply of conveyor systems
- Silos, stacking tubes, domes, tanks and flat storage
- Barge and marine facility design
- Control systems integration
- Electrical services
- Structural inspection

Expertise

- Screw, belt, drag, bucket and pneumatic conveyors
- Truck, rail, barge and ship loading and receiving
- Stacking tubes and domes
- Blending systems
- Crushing and screening systems
- Stacking and reclaiming systems
- Dust control systems
- Blending systems
- Washdown systems



For more information
please contact
866 367 6879
matrixpdm.com

