



COMMONWEALTH DYNAMICS, INC.

Specialists for the Design, Construction, & Maintenance
of Silos, Stacking Tubes, & Other Storage Structures





SILOS, STACKING TUBES, AND OTHER STORAGE STRUCTURES

Commonwealth Dynamics, Inc. is a leader in the design, construction, and maintenance of reinforced concrete storage structures including silos, stacking tubes, and other special structures for the storage of bulk materials. For more than 30 years we've been providing our clients with complete turnkey design-build services.



Serving the Power Generation & Other Industries

- Power
- Agricultural
- Cement
- Biomass
- Waste Water
- Mining/Materials

Materials Stored

- Coal
- Limestone
- Gypsum
- Fly Ash
- Waste Water
- Liquefied Natural Gas (LNG)
- Feeds/Grains/Meals
- Wood Waste



JUMPFORM & SLIPFORM

At Commonwealth we have the unique ability to build silos using the jumpform and slipform methods of construction. This flexibility allows us to meet our clients' toughest budget and schedule challenges. Our jumpform equipment allows us to build structures with very small diameters up to those with large diameters, while the slipform allows us to build virtually an unlimited number configurations, shapes, and sizes, especially when schedule is a challenge.

Materials & Methods of Construction

- Reinforced Concrete with Traditional Reinforcing
- Reinforced Concrete with Post-Tensioning
- Jumpform & Slipform
- Stand Alone
- Ganged Silos

ADVANTAGES OF REINFORCED CONCRETE

- Increased longevity and durability
- Environmental protection of stored product
- Impact resistant
- Resistant to catastrophic failures
- Eliminates the need for large (and expensive) cranes for erection
- Better protection of mechanical and electrical equipment
- Ability to strengthen later for new applications using post-tensioning
- No height or diameter limitations
- Eliminates initial and frequent painting costs



- **Storage Silos**
- **Concrete Chimneys**
- **Steel Stacks**
- **Turbine Exhaust Systems**
- **Solar & Wind Support Towers**
- **Other Special Structures**



THE COMMONWEALTH GROUP OF COMPANIES

CORPORATE WORLD HEADQUARTERS

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