

DOME CORPORATION
OF NORTH AMERICA

BULK STORAGE SYSTEMS
ECONOMICAL • EFFICIENT • RELIABLE

The Bulk Storage Dome:

The most economical, efficient and reliable system ever built!

The Dome is specially designed for bulk storage. Its two types of prefabricated, pre-engineered storage systems are built to handle 500 to more than 100,000 tons of product - in round or wind-row shaped piles. Rock salt, sand, potash, urea, phosphate, coal, grain - no matter what the product - the Dome is the world leader in covering any bulk storage need.

Ideal for Bulk Storage

The Dome has large entrance canopies which allow trucks to drive right inside. Its vast clear-span, unobstructed interior ensures easy loading operation. No pillars, trusses or beams to worry about. No unused storage spaces or leftover material hiding in corners. The Dome design is the perfect fit for bulk storage. The circular shape allows for easier rotation of products as well.

Maintenance-Free Construction

An impervious covering of self-sealing asphalt shingles provides a tough, waterproof outer skin on the Dome. This covering, combined with concrete foundation walls, galvanized steel hardware and other carefully constructed materials, ensures a corrosion-resistant storage system, requiring virtually no maintenance.

Protected From The Worst Weather

Domes are built to withstand the most extreme weather conditions. They are also designed to meet the most stringent of building codes.

Adaptable to Your Special Needs

The diameter of your Dome can range from 32 feet to more than 150 feet. Our Barrel Buildings can accommodate any capacity. In addition, virtually any conveying system can be installed to fit your particular application.



Safeguarding the Environment

The Dome helps you protect the environment by safely covering piles of potentially corrosive product. This ensures prevention of leaching, contamination and runoff.

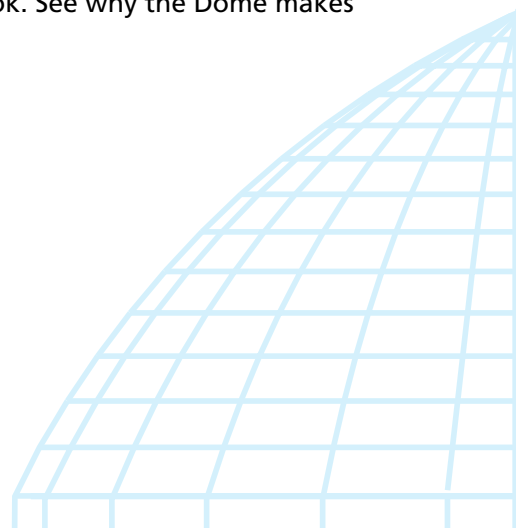
Turnkey, Design-Build Projects

Dome Corporation can completely design, engineer and manage construction of any size bulk storage project.

The Dome Makes Sense

No matter what your storage needs, the Dome has you covered. From fast, efficient, low-cost construction, to the ease of material handling and maintenance-free operation, the Dome is the ideal solution for bulk storage.

More than 4,000 quality built storage systems and 40 years of satisfied customers have literally put Dome Corporation on the map worldwide. Take a closer look. See why the Dome makes sense for you.



The Barrel Building

All The Advantages of a Dome and more

The Barrel Building is simply a Dome “cut in half” and stretched in 20 foot modules-employing laminated arches as supports for a totally unobstructed interior free span. They can be constructed from all regular Dome widths, while lengths are limitless for large storage capacities. The barrel design easily accommodates multi-product storage.



This barrel building was built in Mcleansboro, IL. It is 124 feet wide by 272 feet long and has a capacity of 27,000 tons. Internal dividing bin walls allow for multi-product storage. The enclosed blending system allows for high tonnage throughput.

Barrel Buildings are designed as self-supporting structures, capable of holding suspended conveying systems. Catwalks, ventilation systems and other mechanical requirements are easily incorporated. The Barrel Building offers all the construction and cost advantages of the Dome while also meeting the ever increasing large scale bulk storage requirements. Barrel Buildings can be custom designed to fit a particular site, and can even be modified for further expansion after initial construction is completed.

Loading/Unloading

The simple, yet practical design of the Dome has made it one of the world’s most popular bulk storage systems. Customers appreciate the Dome’s ready accessibility for trucks and loaders; its clear, unobstructed span and the super strength of its outer shell. Because of its shape, conveyors can enter the Dome from any side, and can be hung from the inside or supported externally. Doorways - as many as you need - can be made virtually any size and located anywhere.

Decades of proven use have made the Dome the world leader in bulk material storage. From every angle, there’s no place like Dome for your product!



Economical Peak Loading



Blending



Tripper Conveyors

Anatomy of a Dome

1 Panelized construction.

Panels are prefabricated at our manufacturing facility, resulting in a higher quality end product. Faster construction times are also achieved.

2 Corrosion-proof ducts.

Allow the unit to self-ventilate, eliminating no trapped moisture or fumes.

3 Asphalt shingles.

Ensure superior protection against the elements, cost-free maintenance and a long life.

4 Clear span.

The Dome’s construction encourages maximum use of product storage space, thanks to its high interior span with no trusses or beams. This gives workers and equipment an unobstructed operations area.

5 Large entrance canopies.

Assure easy access for even the largest equipment. Front-end loaders and trucks are easily accommodated inside the Dome.

6 Super-strong wall.

Stored material rests against the floating concrete ring foundation and never touches the outer shell. This concrete ring is designed to withstand end loader and material pressure.

7 Inloading Systems.

To help load your Dome, various designs of conveying systems are available.

The Proof Is In The Performance

A Dome is being built every day in a new location - each with special requirements. Here are a few examples of Dome installations that have been hard at work filling their owners needs.



Elizabeth River Terminal Chesapeake, VA

Dome Corporation handled this project with layout, engineering, design and construction.

This Barrel Building is 150 foot wide by 520 foot long. It has a capacity of over 40,000 tons.



Contracoeur - Montreal, Canada

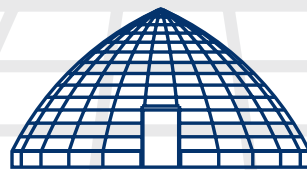
This facility, built for Yara, has expanded significantly through the years. Three complete arrays now occupy this site.



Kinder Morgan Terminal Amory, MS

This terminal was designed to accommodate barge receiving and rail distribution. The multiple domes store various grades of products.

One Source. One Responsibility.



**DOME CORPORATION
OF NORTH AMERICA**

5450 East Street, Saginaw, MI 48601

Tel: (989) 777-2050

Fax: (989) 777-3477

Web site: www.dome-corp-na.com

email: sales@dome-corp-na.com