



STRUCTURES DOMO

Environmental

Cost effective

Long-lasting

Greater storage protection

Suitable for multiple uses

Adaptable to any surface



Estructuras DOMO, S.A

Estructuras DOMO S.A. specialises in the construction of reinforced concrete shell structures with double curvature geometry. It has over ten years' extensive international and national experience.

We produce the project and undertake the work using our own means.

The DOMO system is:

Environmental
Cost effective
Long-lasting
Greater storage protection
Suitable for multiple uses
Adaptable to any surface

Estructuras DOMO S.A.

Specialists in the construction of DOMO Silos

Offices in Madrid and Lisbon

Workforce with over 10 years' experience in the construction of DOMO Silos

17 Domo Silos built

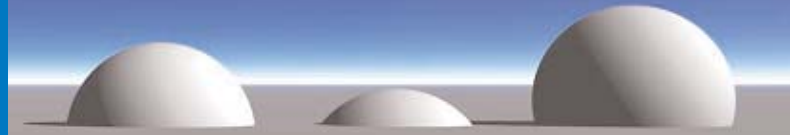
Technical and professional capacity to cover international projects

Adaptability to customer requirements, offering optimum solutions

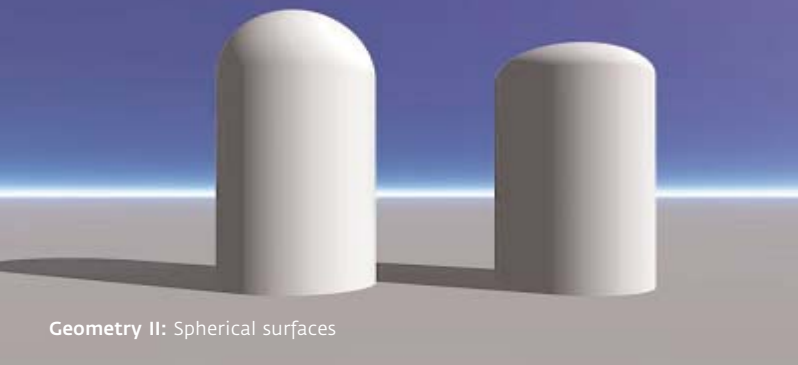
Experience in the coordination of the mechanical systems involved

The Structure DOMO

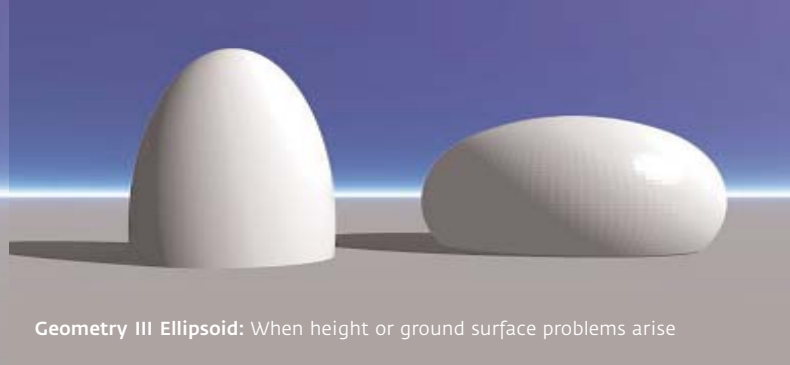
Reinforced concrete shells



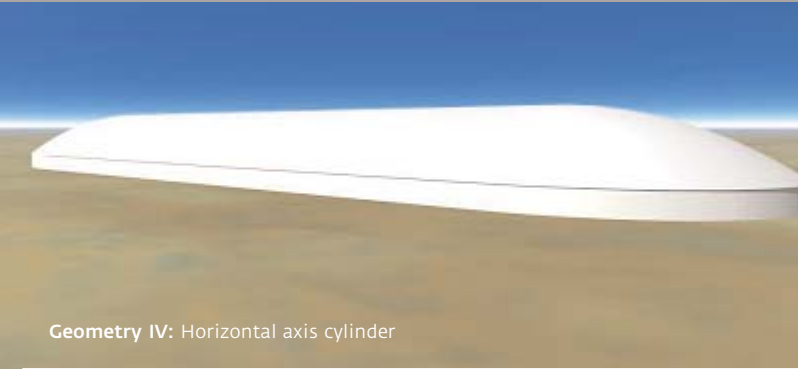
Geometry I: Vertical axis cylinder ending in a dome



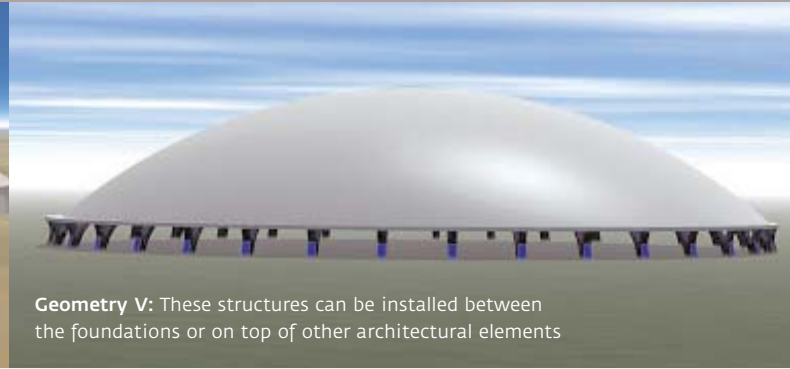
Geometry II: Spherical surfaces



Geometry III Ellipsoid: When height or ground surface problems arise



Geometry IV: Horizontal axis cylinder



Geometry V: These structures can be installed between the foundations or on top of other architectural elements

Advantages the DOMO system

The DOMO system involves the construction of silos using monolithic reinforced concrete structures, giving it different characteristics to conventional silos:

Completely airtight

Eliminates the emission of dust

Eliminates acoustic pollution

Very solid, earthquake-resistant structures

Greater protection for stored products

Joint-free: monolithic structure to give greater structural performance

Maximum use of the ground surface thanks to completely open spaces

Allows for different geometries

Possibility of large spans without intermediate supports

Maximum durability and low maintenance costs

No staff required inside for operations

Slight reduction in the area of occupancy of auxiliary resources during construction

Mechanical extraction up to 100% of the volume of the stored product

Very short construction period

Competitive cost in comparison with other solutions

Applications DOMO

Industrial

Storage

Bulk

High or low temperature products

Water tanks

Drinking

Untreated

Waste

Deposits

Coal

Raw material

Pre-homogenisation

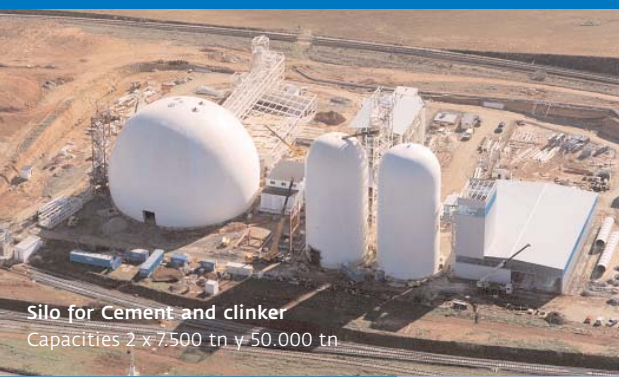
Architectura

Auditoriums

Exhibitions halls

Churches

Shopping centres



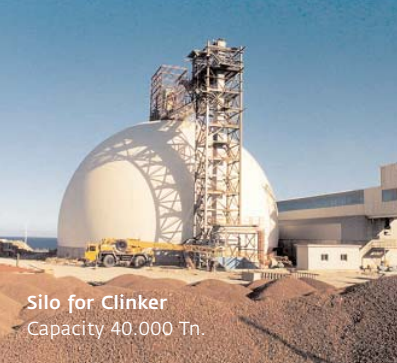
Silo for Cement and clinker
Capacities 2 x 7.500 tn y 50.000 tn



Silo for Cement
Capacity 2x7.500 Tn.



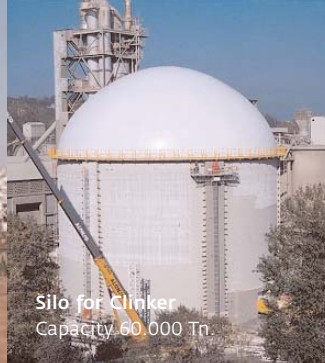
Silo for Cement
Capacity 2x5.000 Tn.



Silo for Clinker
Capacity 40.000 Tn.



Silo for Clinker
Capacity 50.000 Tn.



Silo for Clinker
Capacity 60.000 Tn.



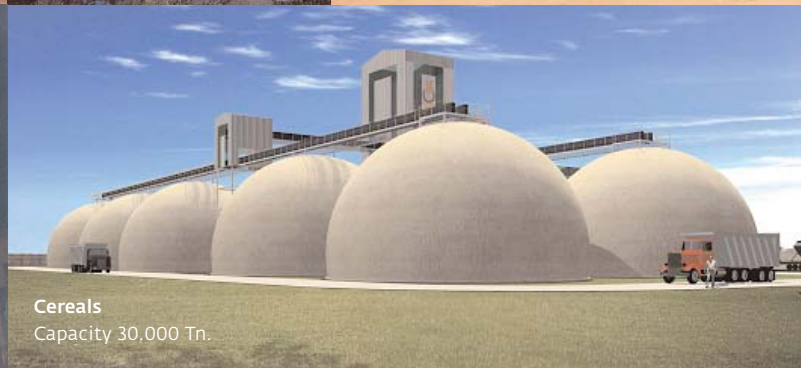
Silos for Clinker and flying ashes
Capacities 100.000 Tn. and 10.000 Tn.



Silos for Clinker and flying ashes



Flying ashes
Capacity 10.000 Tn.



Cereals
Capacity 30.000 Tn.



Coal Deposit



Water Deposit
Capacity 1.500 m³

The DOMO system in the environment

Its appearance improves environmental impact in the industrial complexes where it is included

Elimination of the emission of dust particles, due to its airtightness, and of thermal and acoustic pollution.

Structures for sustainable development





Avda. General Perón, 22. 5º B
28020 Madrid
Tel: +34 91 535 73 57 / +34 91 535 72 98
Fax: +34 91 535 71 33
info@estructurasdomo.com
www.estructurasdomo.com