



TECHNICAL SPECIFICATIONS

OUR PORTABLE AND INFLATABLE DOME COMES WITH 95% OPACITY. THIS CONDITION ENABLES ITS OPERATION IN INDOOR AREAS, AS WELL AS OUTDOOR SPACES - EVEN UNDER DIRECT SUNLIGHT.

THE MS DOME® IS THE IDEAL SOLUTION FOR THOSE WHO ARE LOOKING FOR A VERSATILE SOLUTION FOR A VARIETY OF EVENTS. WE PROVIDE DIGITAL THEATERS, TRADITIONAL STAR PROJECTORS, DISPLAY SYSTEMS, PROJECTORS AND MORE.

DOME:

It is designed to give an imperceptible cupule and provide a spherical immersive sensation.



ACCESS TUNNEL:

It has been designed to have two pressurized doors, which prevent air leakage and dome pressure loss when entering or leaving the structure.

FLOOR:

Manufactured with a high strength fabric, and great signaling for the each of the customized seat options, control panels, emergency exits, among others.

DRUM:

The DOME has a ring system that allows a fast and useful flow of air to its inflated process and ventilation system.



MS DOME® GENERAL AND TECHNICAL SPECIFICATIONS

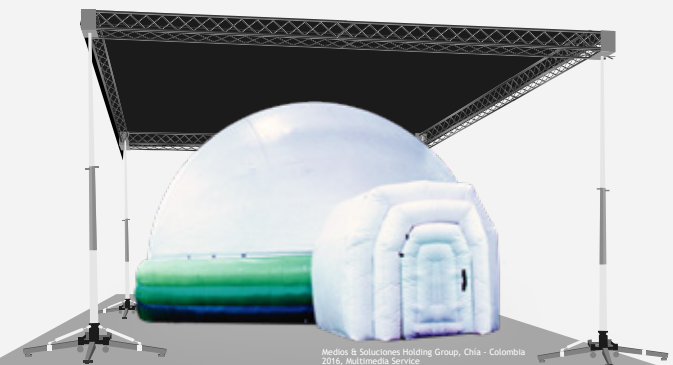
	DOMO MSD SMALL	DOMO MSD MEDIUM
Internal diameter	19,6 ft	26,2 ft
Dome with entrance	19,6 * 29,5 ft	26,2 ft * 36 ft
Height to the zenith	14,7 ft	18 ft
Minimum enclosure size	26,2 ft * 32,8 ft	32,8 ft * 39,3 ft
Approximate capacity with chairs	35 px	55 px
Approximate capacity with cushions	50 px	70 px
Dimensions case	35 * 35 * 35 in	39 * 39 * 39 in
Engine	2	2
Emergency exits	1	2
Approximate weight	120 kg	180 kg

	DOMO MSD LARGE	DOMO MSD XLARGE
Internal diameter	32,8 ft	39,3 ft
Dome with entrance	32,8 ft * 42,6 ft	39,3 ft * 49,2 ft
Height to the zenith	22 ft	24,6 ft
Minimum enclosure size	39,3 ft * 46 ft	46 ft * 52,4 ft
Approximate capacity with chairs	70 px	90 px
Approximate capacity with cushions	100 px	120 px
Dimensions case	39 * 47,2 * 47,2 in	47,2 * 47,2 * 47,2 in
Engine	2	2
Emergency exits	2	2
Approximate weight	250 kg	300 kg



TRANSPORTATION SYSTEM

Type 1 Trailer	11 ft x 6 ft x 5 ft 5 in
Trailer-type system with coupling to a medium vehicle, to transport the basic components for the operation of the MSDT (Dome, digital theater, audio system and seats)	
Type 2 Van	13 ft x 8 ft x 7 ft 2 in
Medium truck type system with low platform and ramp. Suitable for transporting the basic components for the operation of the MSDT (Dome, digital theater, audio system and seating) + room air conditioning system.	
Type 2 Truck	19 ft 6 in x 7 ft 8 in x 7 ft 2 in
Large truck type system with low platform and ramp. Suitable for transporting the basic components for the operation of the MSDT (Dome, digital theater, audio system and seating) + room air conditioning system + sun protection system (Poly-shade mesh + trusses)	



PROTECTION COVER SYSTEM

Modular system with the ability to adapt to different sizes of dome for protection from direct incidence against the sun, allowing the generation of a shadow area to the structure and reducing the impact of UV rays on it.	
Protection Mesh	Mesh in materials of low weight and high resistance to UV rays.
Truss System	Aluminum structure adjustable to different heights with mechanical lifters.

ENVIRONMENT CONDITIONING SYSTEM

System used to guarantee a comfortable temperature inside the dome and composed of: Portable air conditioning units up to 10,000 BTUs and an innovative air injection system using water evaporation technology for cooling, totally ecological and with low energy consumption.