



sistemi arabelli

carabelli arabia

SISTEMI CARABELLI is a leader in the roofing sector, active since 1977 in Italy and abroad with over

6,000 projects *around 4.500.000sqm*

About Us

Sistemi Carabelli produces covers for sports facilities, indoor riding stables, swimming pools, multipurpose and school gyms, multifunctional halls, exhibition halls, industrial plants in particular commercial and Military hangars, warehouses, nautical shelters, ball purifiers for lighting systems, or recreational spaces such as show pavilions.

Sistemi Carabelli Group operates on a broad spectrum, providing not only integral structures, but also parts of them or simple adaptations of existing structures.

The design of the structures is divided into two distinct or complementary strands: the overall static study and the technological feasibility study.

GEODETIC STRUCTURE

Since 1977, we have been the leaders in the design, production and construction of geodetic structures and domes, for sports or industrial facilities.

Geodetic Structures are the best coverings for sports spaces of any type and size. In fact, they can cover large areas without the aid of intermediate pillars. Geodetic Coverings represent a valid solution to use sports facilities all year round such as: tennis courts, basketball, volleyball, riding stables, bowling alleys, gyms, swimming pools, etc. The same covers can be used, in the industrial and military field, with excellent results.

Our covers are easily and entirely mountable and demountable. During the assembly / disassembly phase, no mobile support structures and lifting systems are required, considerably reducing costs and realization times. Thanks to the patented Carabelli system there are no welds. The assembly is totally fixed by bolts. The roof can be made with infinite combinations of materials and finishes, whether they are rigid in metal material, insulated panels, polycarbonates, or flexible solutions such as polyester sheets in PVC.

The Geodetic Roofs can be made of single and double membrane, to allow better thermal and anti-condensation insulation within the sports facility.

Our structure can be engineered with the air-conditioning or heating system.

Space frame ideal for steel structure including:

- . Multipurpose sport centres and swimming pools
- . Recreation facilities and access gates
- . Seamless structures and free formed steel roof
- . Maintenance dock movable or permanent
- . Pedestrian bridge
- . Domes
- . Flexible modular system
- . Hangars

STANDARD STRUCTURE

| Type | Dimension | Plan area (sqm) | Typology |
|-------|-----------------------|-----------------|-------------------------|
| CA-1 | 15m x 24m x h 7,50m | 360 | 1 Padel court |
| CA-2 | 15m x 45m x h 9,338 m | 675 | 2 Padel court |
| CA-3 | 15m x 67m x h 9,338 m | 1005 | 3 Padel court |
| CA-4 | 18m x 36m x h 9 m | 648 | 1 Tennis court |
| CA-5 | 20m x 40m x h 10m | 800 | Multi-Sports activities |
| CA-6 | 25m x 40m x h 12,50 m | 1000 | 3 Padel court |
| CA-7 | 26m x 26m h 13 m | 676 | 2 Padel court |
| CA-8 | 26m x 45m x h 13 m | 1170 | 4 Padel court |
| CA-9 | 26m x 50m x h 13 m | 1300 | 4 Padel court |
| CA-10 | 36m x 36m x h 11,70 | 1296 | 2 Tennis court |

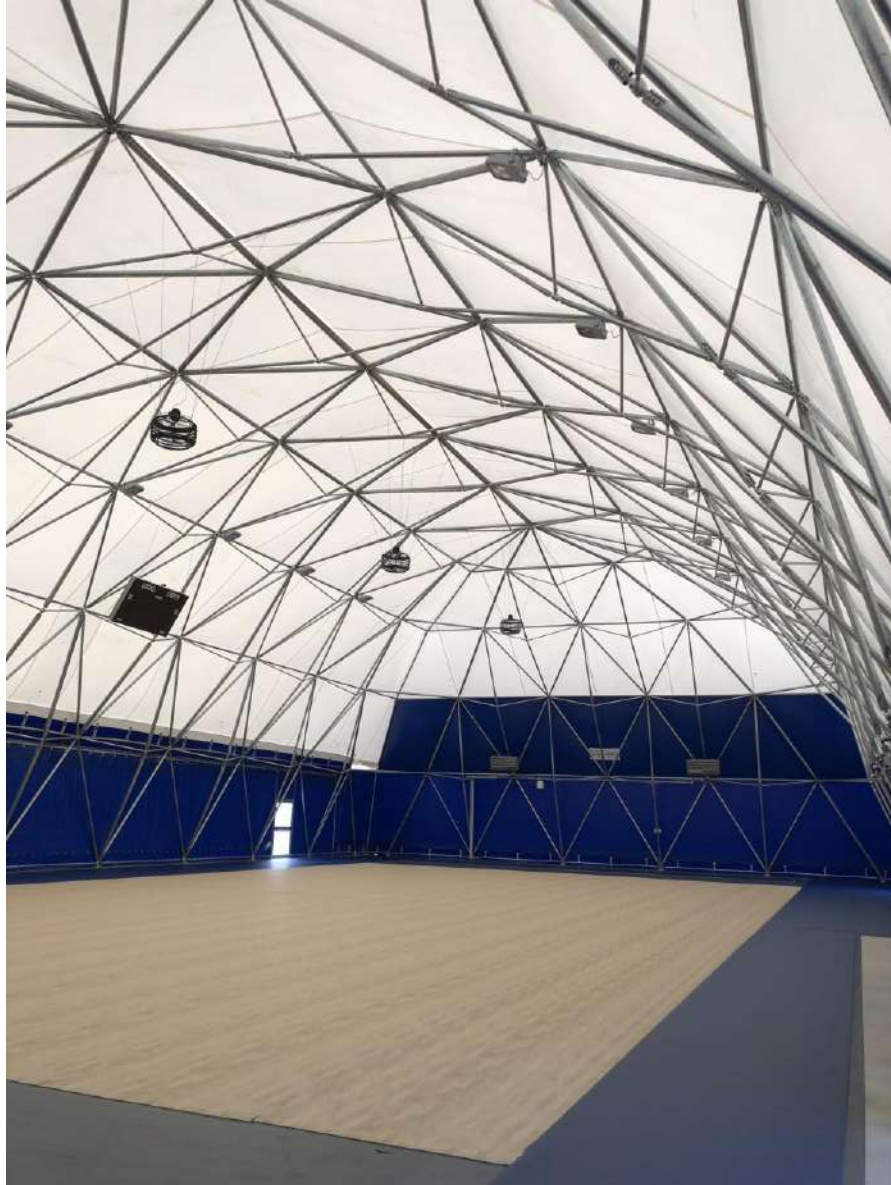
SPORT FACILITIES STRUCTURES



**CARABELLI IS AN EUROPEAN
LEADER IN SPORT STRUCTURE
WITH MORE THAN 3.000
PROJECTS DONE**



INTERNAL VIEW



EXTERNAL VIEW



Projects location:
MILAN
57 x 57m H 9m



Projects location:
MILAN
57 x 57m H 9m



Projects location:
TURIN
20 x 40m H 10m



Projects location:
NOVARA
15 x 45m H12



Projects location:
TOSCANY
14 x 45m H 11,50m



Projects location:
PIACENZA
50 x 78m H 25m



Projects location:
MASSA CARRARA
18 + 18 x36m H 9m





Projects location:
NAPLES
12 x 18m H 6m

HANGARS





Projects location:
LECCE – GALATINA
16 x 20m H 10m



COMMERCIAL



Projects location:
MILAN
53 x 150m



Projects location:
MILAN
≈ 8.000sqm



