

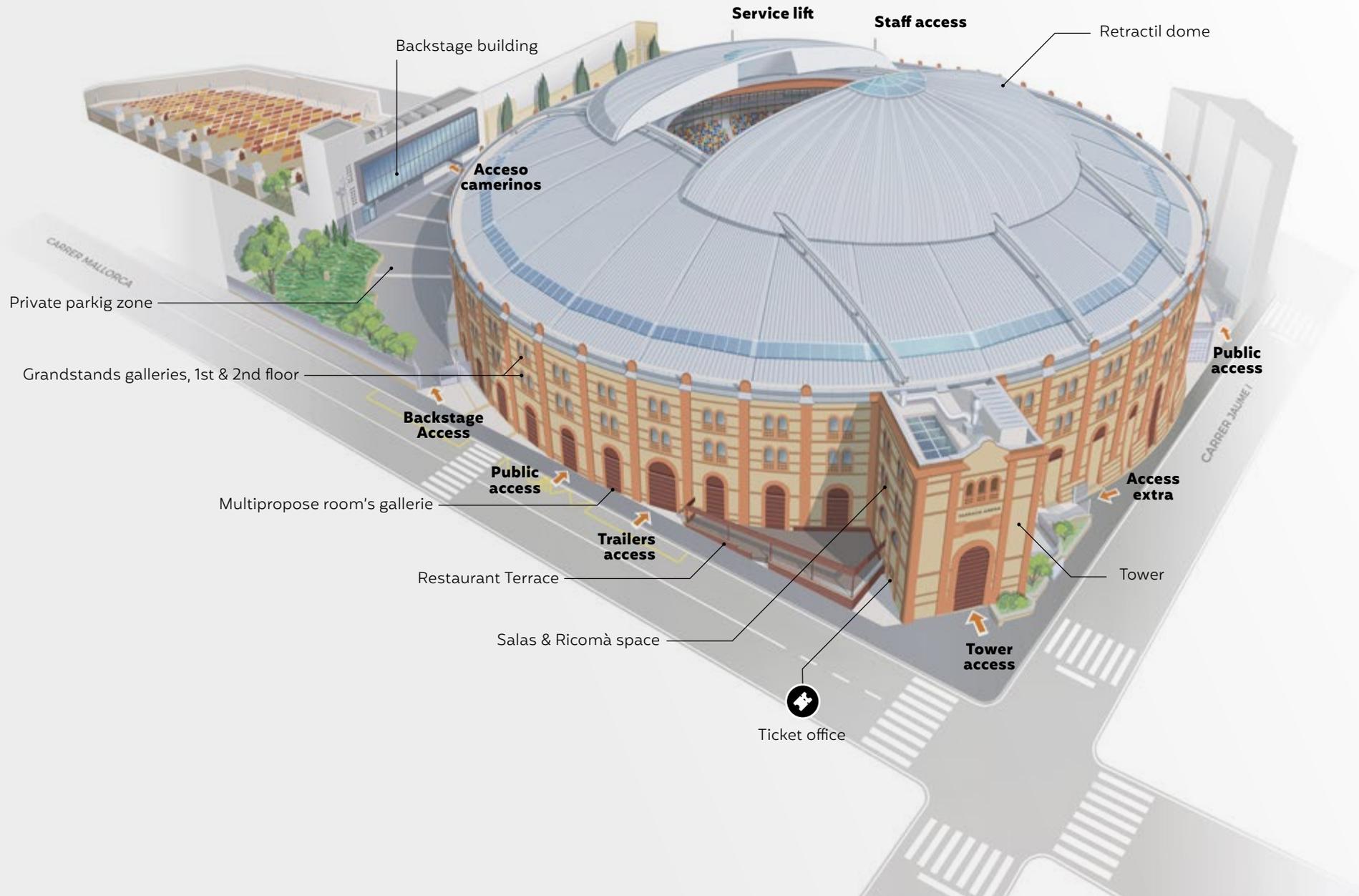


English

# TECHNICAL DOSSIER



TARRACOARENA



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# GENERAL DATA OF THE ENCLOSURE

## CHARACTERISTICS

- Maximum height: 32m.
- External diameter: 94m.
- Diameter in arena: 55m.
- Retractable dome diameter: 40m.
- Surface in arena: 2.390 m<sup>2</sup>
- Outer surface: 2.740,71 m<sup>2</sup>
- Building surface: 555 m<sup>2</sup>
- 2nd gallery surface: 1.678 m<sup>2</sup>
- 8 stairs to access the upper floors
- Fixed seats: 4,974
- Maximum capacity: 10,800 pax
- 31 Doors / Emergency exits
- 10 square access openings
- Loading and unloading access: 3.60m x 4.72m
- Permanent rigging.
- Permanent Black Out.
- Pre-Rigging Grid.

## AUXILIARY SERVICES

- LED interior lighting
- Air conditioning 1,000 Kw
- Elevator
- Lift truck 1,000Kg
- 10 WC
- Auxiliary rooms
- Access for large vehicles to the arena through gate number 3.
- Door Size: 3.60 m wide x 4.77 m high.
- Backstage
- Warehouses 374 m<sup>2</sup>
- 3 meeting rooms
- Restaurant
- Ticket office
- Wi-Fi Internet according to area

## ELECTRICAL SUPPLIES

- 1 Cuadro principal 1.000 A con conexiones POWERLOCK 400 y 250.
- 1 Track sub-panel approved and certified for 101 Kw with CETACT and POWERLOCK connections.
- 10 electrical panels in Arena of 16A
- 4 electrical panels on the 2nd floor of 16A
- 4 electrical panels on the 2nd floor of 32A

# PRODUCTION SERVICES

## STAGE

- LAYHER EV 104 type stage with 2.07 m x 1.04 m modules
- Measurements 12.42 x 10.21 m with ramp and side access stairs.
- Options to expand stage up to 18.63 x 12.42 + wings
- In case of disassembly and assembly, the costs are borne by the promoter (disassembly and assembly with structural certificate).

Our stage meets the highest load requirements, capable of supporting 750 Kg / m<sup>2</sup>, resistance higher than that required by regulations.

## RIGGING

Tarraco Arena has a rigging grid installed using the Mammoth Prolyte M145RV system, unique in Europe.

The installed grill transmits loads to the fixed dome of the enclosure, being capable of

support up to 40 tons of load, well above the usual requirements of any event, even the most demanding ones such as national and international artists.

Work surface greater than 250 m<sup>2</sup>. 12 additional points (H) to extend the grill or reconfigure it to offer loads at any point on the track and/or in 360° configurations on the fixed dome.

Rigging study service and load certificate endorsed by an engineer.

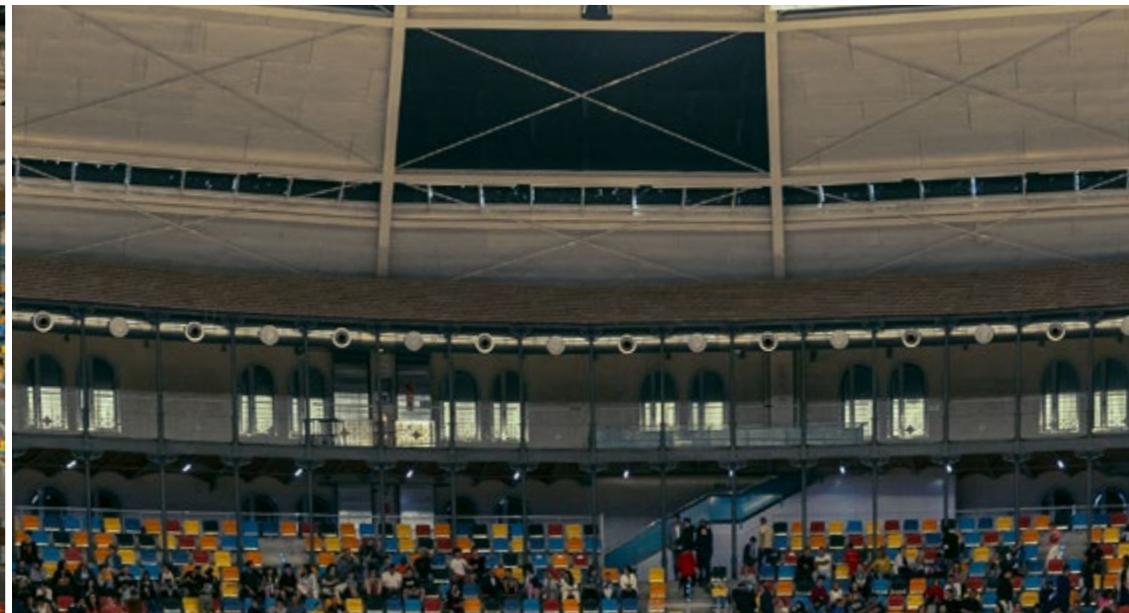


## BACKDROP AND CURTAINS

At Tarraco Arena we have a background system to install based on the client's needs with dimensions of 18 m wide x 12 m high. Likewise, we have curtains to measure and section the square.

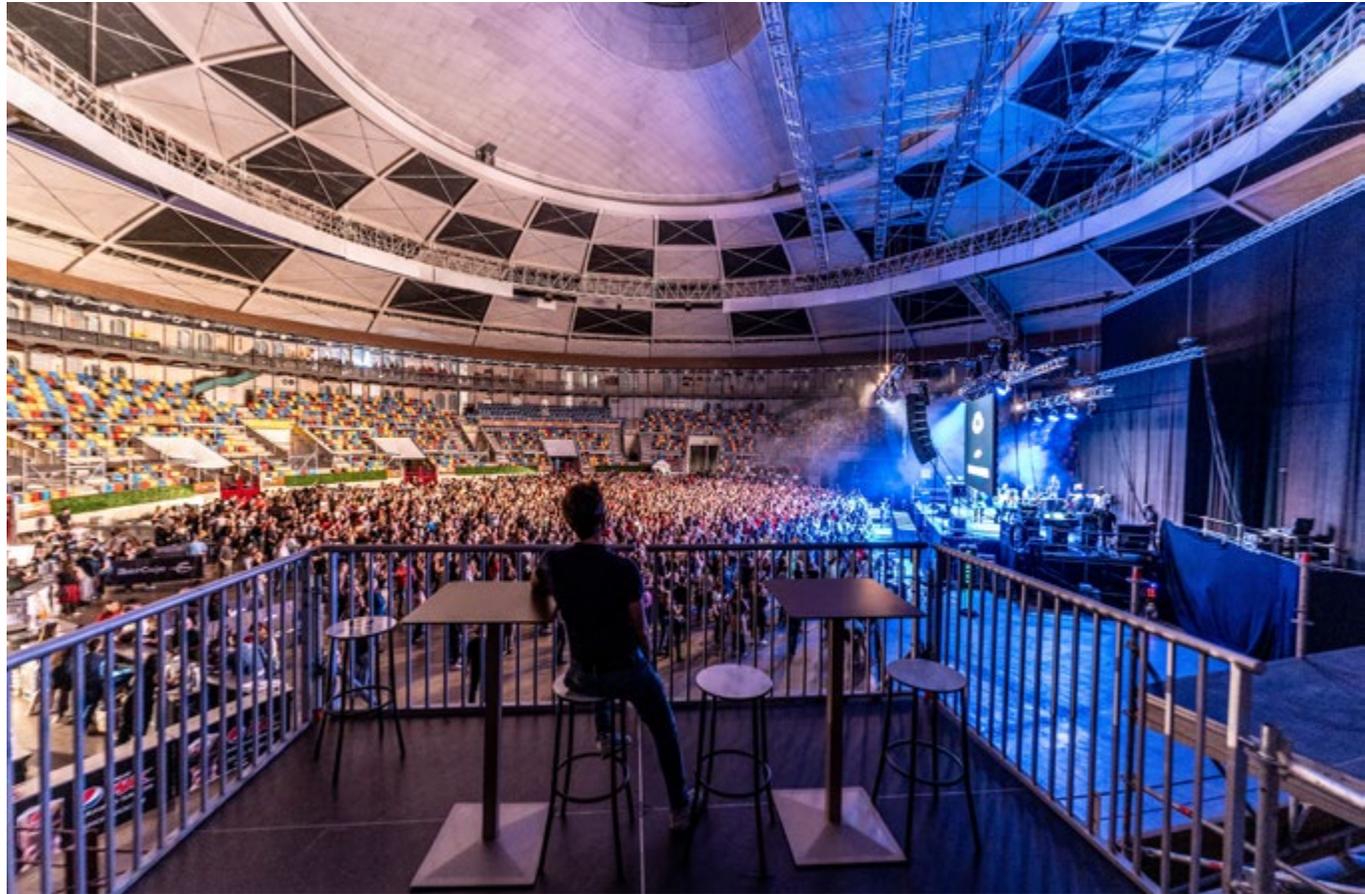
## BLACKOUT

The venue has a fixed blackout system that cannot be removed. If it is removed, the customer must pay to replace it.



## PLATFORMS

Configurable with Layher structure. It is a platform, with a maximum capacity for 25 pax in standing format





# SPACES

LIGHTNING AND LED SCREEN  
Second floor ring over the stands and track



## HARROW

The arena floor constitutes the main usable floor of the venue, with a diameter of 55 meters and a total surface area of 2.390 m.

It is an open-plan and versatile space, designed to adapt to multiple configurations. It allows the hosting of all types of event formats, from concerts to trade fairs or corporate events.

## HARROW

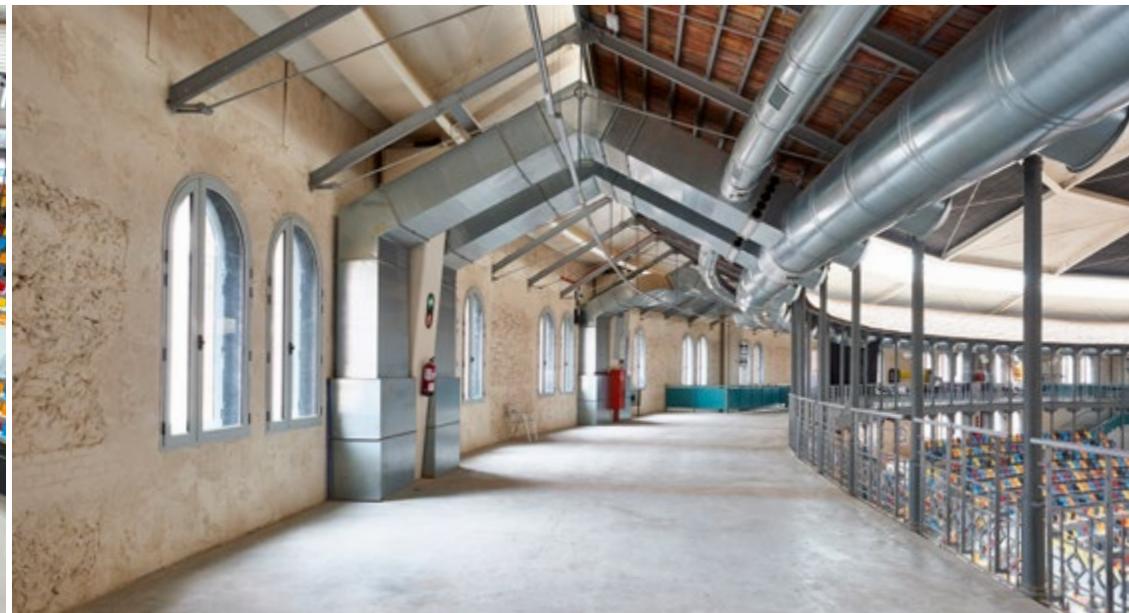
The stand is configured in 11 sections with a total of 4,974 fixed seats. The plaza can be sectioned with differentiated accesses per vomitorium according to the desired capacity, adapting the accesses through the enabled doors.

Once you access the venue on the ground floor, the entrances face the ground floor ring, from there you access the stands on floor 1. Opening the stands will depend on the selected format, concert, standing track event, corporate event, form - 360°, etc.



## 2ND FLOOR

There is a second ring floor, above the track and the stands, of 1,687 m<sup>2</sup> with 7 stairs with direct access from the first floor. A forklift is available to lift equipment to the 1st and 2nd floors..



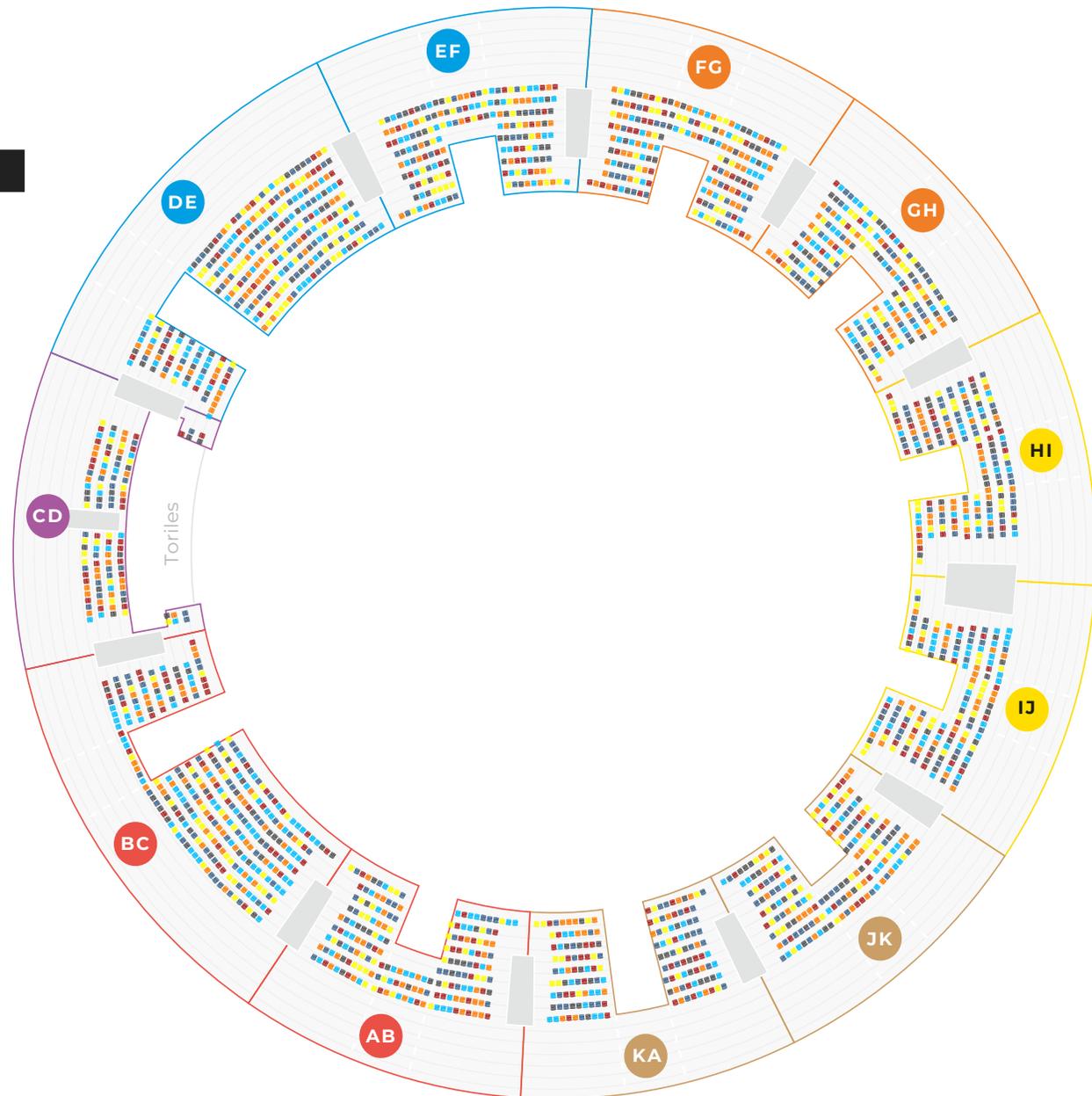
# GENERAL SPACES

## HARROW MAP

Capacities according to seating sections:

|    |     |
|----|-----|
| AB | 424 |
| BC | 677 |
| CD | 354 |
| DE | 667 |
| EF | 411 |
| FG | 417 |
| GH | 414 |
| HI | 420 |
| IJ | 412 |
| JK | 381 |
| KA | 396 |

TOTAL **4.974**





## PRESS ROOM / RICOMA

It is an independent room located in the tower, in the southern area of the enclosure, accessible from the intersection between Calle Mallorca and Calle Jaume I.

This space is located on the 1st floor, with capacity for about 40 people, where they can offer receptions, press conferences or management meetings.

This room has direct access to the 1st floor and the presidential stands, where personalities are usually accommodated by protocol at events such as the great Castells international competition.

## DRESSING ROOMS

In the backstage parking area with access to the dressing room-changing room tunnel, it is a completely renovated space equipped with an open space of about 55 m<sup>2</sup>, 2 enabled toilets + 1 PMR with shower and sink, 3 sinks and 4 showers .

The venue has its own furniture catalogue for the setup and dressing of dressing rooms, upon prior request.

## DRESSING ROOM 1-A ARTIST 1 PAX

In the backstage parking area with access to the dressing room-changing room tunnel, it is a small individual dressing room with a toilet and full shower.

Individual dressing room of 12 m<sup>2</sup> composed of:

- 1 sink
- 1 WC cubicle
- 1 shower

## DRESSING ROOM 1-B ARTIST 1 PAX

In the backstage parking area with access to the dressing room-changing room tunnel, it is a small individual dressing room with a toilet and full shower.

Individual dressing room of 12 m<sup>2</sup> composed of:

- 1 sink
- 1 WC cubicle
- 1 shower



## TECHNICAL ROOM / COFFEE CORNER-GREEN

In front of doors 9-10 is a double space with enough capacity for 40 people with direct access to the backstage-stage area. It can be configured with tables, chairs and refrigerators to serve technical production teams. This space does not have a shower.

## 3D ROOM / DRESSING ROOM ON STAGE FOOT

In front of doors 17 is a low-seat, carpeted space with enough capacity for 15 people. It can be used as a small dressing room for dancers, a production office or a simple dressing room with direct access to the backstage-stage area. It can be set up with tables, chairs, sofas, refrigerators, etc., upon request.



# STAFF SPACES

## ARTIST PRODUCTION OFFICE

In the backstage parking area with access to the dressing room-changing room tunnel, it is an open space with capacity for 15 people, it can be furnished with tables and chairs and a vertical refrigerator with a door, it has direct access to the tunnel of the dressing rooms 1-2 and individual showers in 1-A and 1-B.

This space has its own WIFI antenna that serves the dressing room area.

## DRESSING ROOM 1 ARTIST-BAND

In the backstage parking area with access to the dressing room-changing room tunnel, it is a completely renovated space equipped with an open space of about 55 m<sup>2</sup>, 2 enabled toilets + 1 PMR with shower and sink, 3 sinks and 4 showers.

The space can be provided with furniture for artists upon request.



## TICKET OFFICE

We have 2 windows located next to the main access door and offer the possibility of selling tickets to all pedestrians who circulate in the vicinity of the Tarraco Arena during the events.



# SERVICE SPACES

## MERCHANDISING

If the artist requires merchandising points, Tarraco Arena will install 1 or 2 tables (depending on needs), a power point and fencing at each point of sale, the cost of each one is €250 (VAT not included)..

## CATERING, FOOD & BEVERAGE AND WARDROBE

Catering and bar services through the venue's exclusive operator, CAL BLAY. Cloakroom service available upon client request.





# ENCLOSURE FORMATS



## CAPACITY

Tarraco Arena has a maximum capacity for 10,800 people. Depending on the previous capacity for each show, we can adapt the space with a large format or medium format montage.

The hall has a track with 2,500 m<sup>2</sup>, being one of the largest in its category.

Depending on the position of the stage, capacity of up to 4,500 people can be admitted on the track with a stage on the track and using the venue's fixed staffing system.

## STANDING ON THE ARENA + HARROW

For this format we add the front stands and we can open the stands depending on the desired capacity.

Thanks to our rigging system we can have a perfect view of the stage from any point of the stands, with openings close to 180° from the front.

This allows us to have configurations of up to 7,800 people combining track and stands.

## SITTING ON THE ARENA

It is possible to configure a seated only track format for presentation events, stand-up sessions or recitals where the audience is preferably seated. In this format, up to 1,800 people can be configured to sit on the court without having to open stands..

## SITTING ON THE ARENA + HARROW

By opening the stands it is possible to add capacity up to a maximum of 5,000 seated people for a standard configuration.

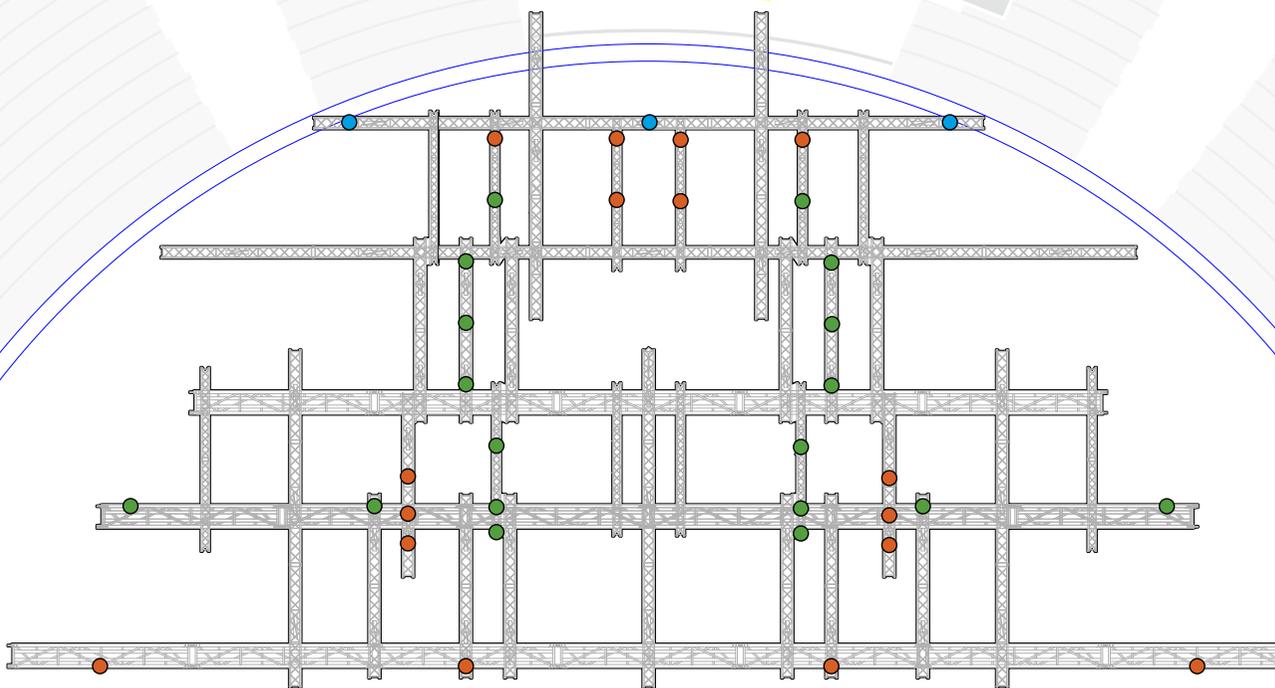
For higher capacity, consult about opening and low visibility.

For other track formats, 360° or similar, consult options.





# FIXED EQUIPMENT



## RIGGING MAP

The Tarraco Arena has a rigging grill installed using the Mammoth Prolyte M145RV system.

The installed grill transmits loads to the fixed dome of the enclosure, being capable of supporting up to 40 tons of load. This grid has a fixed complement of 32 certified rigging points, 16 of them of **850Kg**, 18 of **500Kg** and 3 of **250Kg**.

There are also 12 additional points (H) to extend the grid or reconfigure it to be able to offer loads at any point on the arena and/or in 360° configurations on the fixed dome.



## SISTEMA DE LIMITACIÓN DE SONIDO

Tarraco Arena complies with municipal acoustic regulations regarding noise emissions; for this purpose, the room has special soundproofing that allows it to operate at levels close to 101 dBA at the control point during daytime hours through the use of its own sound limitation system that can be inserted in the FOH table. The acoustic regulations authorize daytime levels until 11 p.m., at which point the limitation system must be readjusted to continue complying with nighttime regulations.



# ELECTRIC SYSTEM

# ELECTRIC SYSTEM

Tarraco Arena has enough electrical power to service all events without the need to hire additional power or install generators of any type (not allowed by municipal regulations).

Tarraco Arena is powered by a double header transformer directly from the medium voltage network, so it has secured and redundant power.

The facility has an emergency generator that supplies emergency lighting in the event of a total loss of electrical energy. Thus ensuring the evacuation of the premises

The venue has multiple outlets distributed throughout the space, mainly the stage area at the entrance to door 17 where the main head panel is located to feed the events.



In addition, the plaza has 63 A, 32 A and 16 A outlets distributed throughout the premises, in power panels, both on the ground floor ring and on the second floor.

The system consists of a main panel capable of serving all events, with a maximum power of 1,000 A direct to the headend.

This paneling has 3 main shots.

- 400 A socket using POWERLOCK connection system.
- Take an additional 400 A through the POWERLOCK connection system.
- Take an additional 250 A through the POWERLOCK connection system.

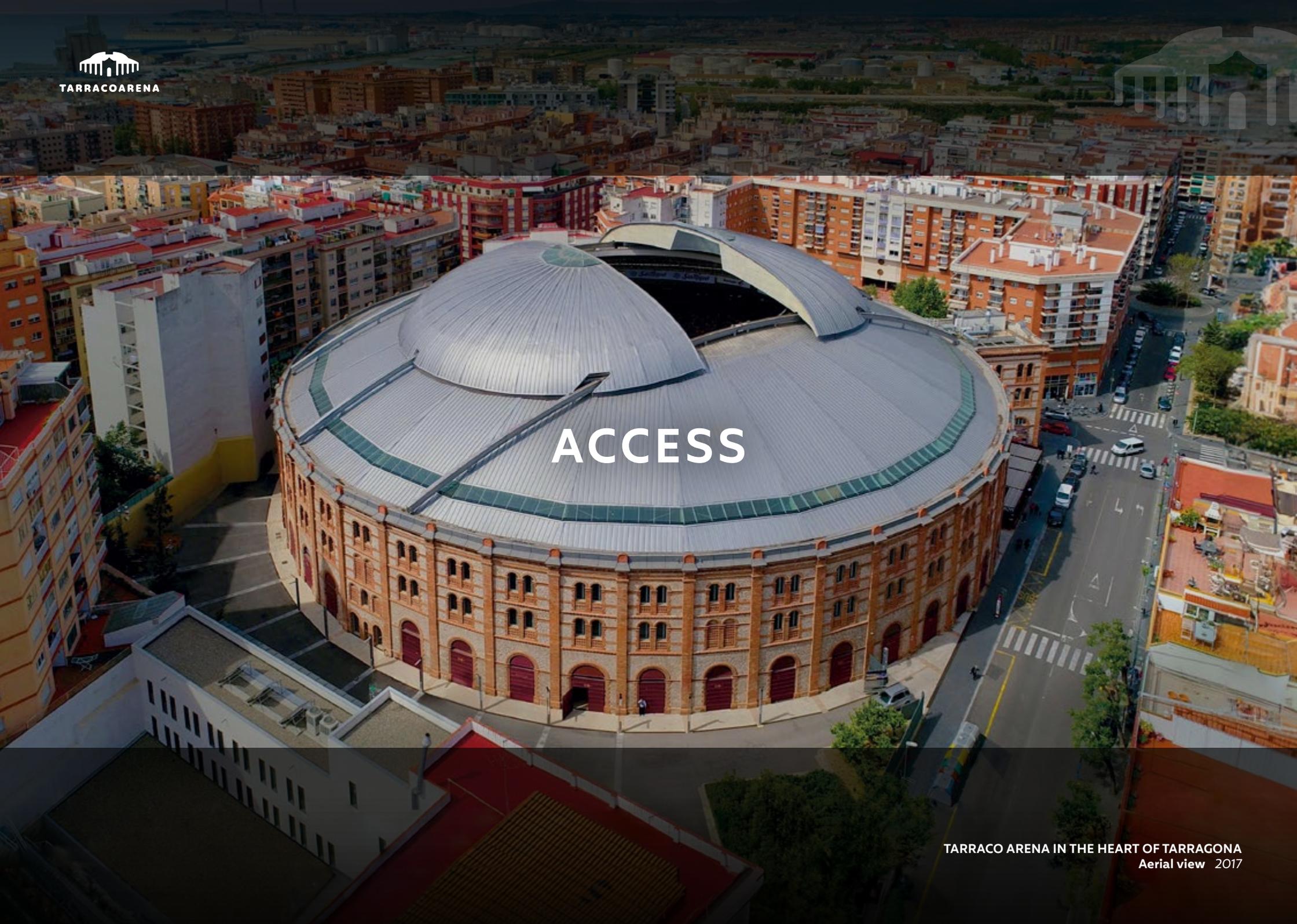
A 25 m 5-wire connection with POWERLOCK connections is connected to the 250 A socket, which ends in the production panel included in the Tarraco Arena equipment. Fully legalized, it allows serving formats that do not consume more than 200 A at 380 V three-phase.

The box has:

- 3 CETACT 63
- 3 CETACT 32
- 1 POWERLOCK socket for extender to 125 A cut.

If using the rest of the outlets, the client must electrically legalize their electrical installation downstream of the Tarraco Arena connections.

Tarraco Arena has a legalization service and energy distribution installation for large format events.



# ACCESS

## PUBLIC ACCESS

Tarraco Arena has 32 access and evacuation doors in its protection plan. All doors are numbered. Access is configured depending on the event. The main access for the public is through C/ Mallorca through doors 5 and 6. It has direct access from the street to the track without architectural barriers. Depending on the format of the event, the same access is used to access the stands, or if they are large-format events, access is via the Jaume I stairs.

## ARTIST/PROMOTER ACCESS

Access for artists / production vehicles / musicians is via Ibiza Street. The promoter has a number of up to 5 parking spaces inside Tarraco Arena.

PUBLIC ACCESS C/MALLORCA



PUBLIC ACCESS C/JAUME I



STAFF ACCESS C/EIVISSA





## TRANSPORT ACCESS AND LOADING/UNLOADING

Tarraco Arena is located in the heart of the city of Tarragona, but with very direct access from the T-11 highway that allows any truck or trailer to reach the venue in a matter of minutes, located at Calle Mallorca nº18, 43001. Tarragona.

Loading and unloading access will be through door number 3, located on Mallorca Street. The measurements of door number 3 allow access to any trailer with normal box measurements, with a width of 3.60 m.



# TD

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**TARRACOARENA**