

Concept 1900

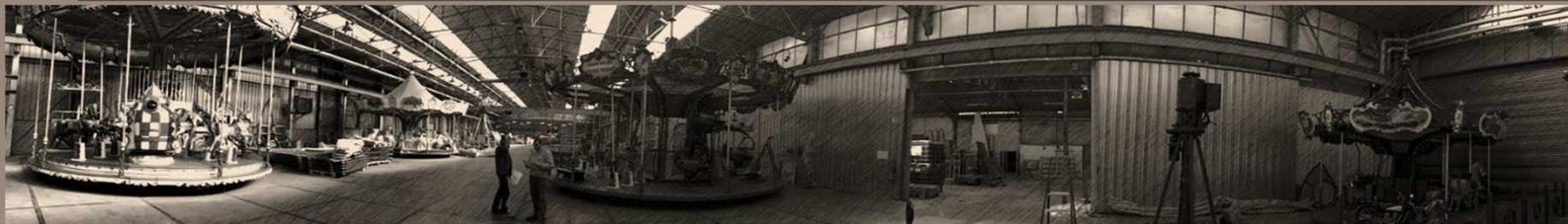
— The Dream Maker From 1982 —



Concept 1900 is a French amusement equipment manufacturer based in Saint-Gobain, a city in the northeast of Paris, France.

All activities like design, engineering, manufacturing, logistic take place here, within a factory of 10,000 square meters, related process such as mechanical, electrical, carpentry, sculpture, molding, decoration and painting are all implanted in this factory, thus *100% made in France*.

Our products are sold in large quantities all over the world, they could be easily found in developed and developing countries in Europe, America, Asia, North Africa.



Our Story



Concept 1900 **is the only manufacturer company** in the world that continues old French traditions and innovations in carousel making.

Years of crafting by technology and art, Concept 1900 never slows down its pace. Concept1900 has been providing a wide range of carousels for those owners of **amusement parks, resorts, and large supermarkets** all around the world.

At the same time, in response to the growing demand for customization, we also offer exclusive carousel for high-end customers, as the collaborations with luxury brands such as Louis Vuitton, BMW and Longines.

Over time, Concept 1900 builds a product chain that **combines traditional and new technology** to meet the needs of customers nowadays. We keep on trails and innovations on the structure of traditional carousel, coming out with the steampunk, which reproduces the artistic concept of the sci-fi master, Jules Verne.



Our Expertise



With the combination of technical research and traditional innovation, Concept 1900 is able to provide the carousel of all sizes and variable themes according to customer's requirements. Together with our partners, Concept 1900 could fulfill **a complete turnkey project**.

All our carousels are manufactured in compliance with the current standards. However we can adapt our constructions to the different requirements and standards of the destination country (ex: TÜV etc.).

The carousel remains a solid investment due to its **enduring style and reliability**.

Enchanting children and adults alike, it will always be the symbol of fun and festivity.

The **average profitability of a carousel is about 2 years**, but this figure is based on the volume of visitors to the installation site and can therefore be reduced.



A velocipede story



Sources: Fairground Art book, Wikipedia, musée des arts forains

The last remaining and operating velocipede ride is found in museum of "Arts Forains" in France.

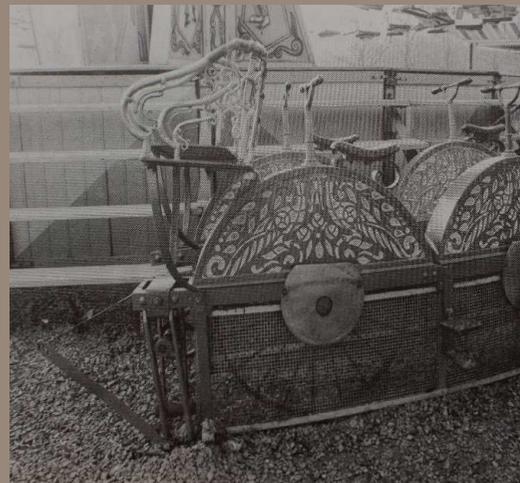


First roundabouts were developed in 1866 with steam mechanical structure, to translate the means of transport of that decade: horse, boats, railways and bicycle.

Initial machines were simple celebrations of pure technology, devoid of ornament, except for painted canvas shutters which hung outside the undulating platform in an effort to hide the underworks.

The growing popularity of bicycling as a middle class sport ensured the continued success of the ride. From the invention of the pedalboard in 1861, the velocipedes rides are then rare objects, reserved for the most fortunate or the most adventurous.

At the time, there were many more velocipedes on the rides than in the streets. Thanks to this roundabout, everyone had the opportunity to try this mean of locomotion.



Back in time to 1900's

A journey back in time is awaiting you!

Like stepping into a time machine, Concept1900 brings back a popular vintage attraction and keeps the original tradition of the ride alive.

Our company has brought back to life the self-ride bikes roundabout built in the 19th century, with all current engineering and security standards, to delight both adults and children. Every detail has been chosen to have the most synchronous rendering possible with the bike ride, and feel the "Belle epoque" atmosphere.

Theme park owner can now propose to their clients a familial and interactive attraction to travel back in time to that decade! To reinforce the immersive user experience, bicycle roundabout is delivered with a control panel with chronometers and welcomes both Dome and Kiosk – inspired Art Deco.



Bike'n Roll



Family attraction

Bike'n Roll

The brave ones will enjoy the racing while other participants can relax safely and have fun participating in the adventurous riot .
(children under 5 years cannot access the bikes)

Rotation starts mechanically by the effort of the cyclist, then triggered by the centrifugal force the carousel starts the rotation.

This **interactive fun family attraction** have all what it takes to attract customers and make everyone happy being a part of the race!





Take advantage of:

Certified TÜV Sud attraction, ensuring the highest safety standards (passenger setting retainer, double security on safety belts, dual braking system with emergency stop)

Warranty of robustness and equipment durability

Low maintenance service due to high quality- materials and concept design

No civil engineering is necessary for the setup

Low power consumption for the lights and operation

Fun Entertainment that encourages to exercise and loose calories





Product features

Real Experience

**Quality
vintage design**

**Ultimate
Crafting**



**Reliable
Performance**



Real Experience

The speeding effect is increased by the rotation of the roof and the center of the carousel, in opposite side of the bike rotation movement.

When maximum speed has been reached, the hydraulic break system takes the lead to regulate the bike's speed.

Experience the sounds and feeling of the 19th century as you ride the bicycle

At the time of 1900, the sensory simulation was complete, pushing to a great realism of the attraction to recreate the environment in which the spectators were.

Special sound and light signals are turned on when the maximum speed (40 km/h) is reached to show the 19th century time : old bicycle bells, applause, cheers and acclamations.

Bike'n Roll jingle and music are played during the turn to reinforce the race sensation.

This ride and its authentic theme respond to the current trends, allowing you to create an entertainment attraction with a small investment!



The whole concept is designed to allow the operator to animate the ride experience, and the participants can hear sound effects and operator's voice encouraging them to paddle faster.

The performance of the guests is also recorded on the timer, chronometer and lap counter.

3D Simulation of the rotation of the bicycle roundabout

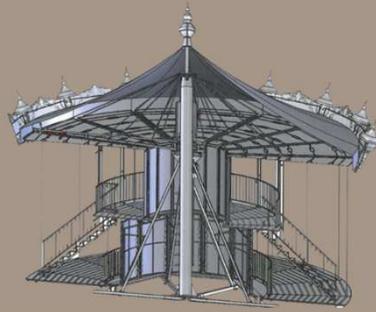


Quality vintage design

We stick with using quality and selected raw materials and control manufacturing process, preserving the aesthetic vintage design of the 1900 century on each part of the carousel.



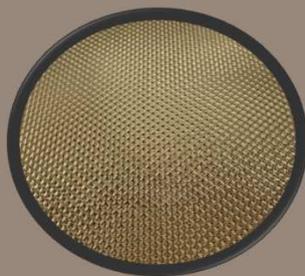
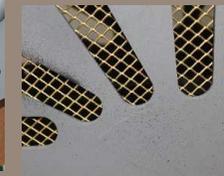
The inner frame of carousel and bicycle main parts are made of galvanized steel to ensure the stability and corrosion resistance of the structure.



The floor is made of precious wood, with fine strips in western style and resistant to wear.



The polyester panel is made of metal frame and FRP, and adoption of the coating in standard of automobile industry ensures the durability of its surface.



Copper



Precious wood



Galvanized steel



Genuine leather

Our Expertise

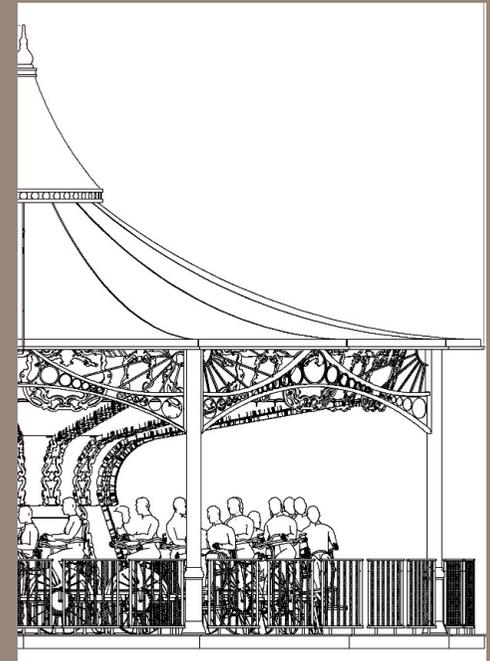


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All our carousels are manufactured in compliance with the current standards. However we can adapt our constructions to the different requirements and standards of the destination country (ex: TÜV Sud, TÜV Nord, Socotec, CSEI, GOST).

The carousel remains a solid investment due to its **enduring style and reliability**. Enchanting children and adults alike, it will always be the symbol of fun and festivity.

The **average profitability of a carousel is about 2 years**, but this figure is based on the volume of visitors to the installation site and can therefore be reduced.



Ultimate Crafting



Craftsmanship is the core spirit of Concept 1900.

From drawing to manufacturing, from molding to coloring, every line, every contour, every light and shadow processing imply our excellence in handcrafting. In this way, each theme is endued with a soul under craftsmans' work.



Reliable Performance



The TÜV Sud certification ensures that the highest safety standards for passengers are respected.

Dual braking system on the pole with emergency stop.



Double security on safety belts



Seating retainers on rider's back

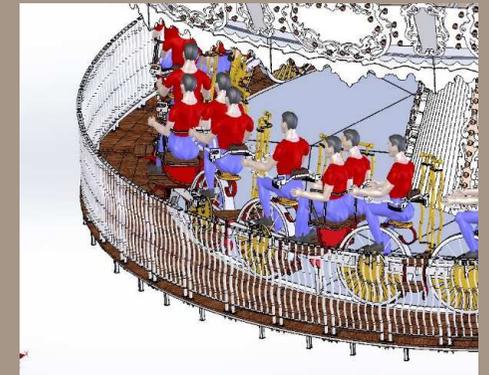


Dual pedalboard ensure riders steadiness



Security gates on the bicycle to keep passenger safety inside the ride.

Security fences are placed all around the ride to avoid spectators to access the ride during operation.



We have successfully performed the TÜV Sud approval process, which is a guarantee of quality for a safety use.



Our Products

After 36 years, Concept 1 900 has formed its own standard product library, remaining No.1 choice for owners of theme parks and shopping malls!

Now enjoy the bicycle roundabout and its Dom & Kiosk – inspired Art Deco. Bicycle ride welcomes 40 participants (20 riders and 20 passengers), with a diameter from 12meters to 16 meters.

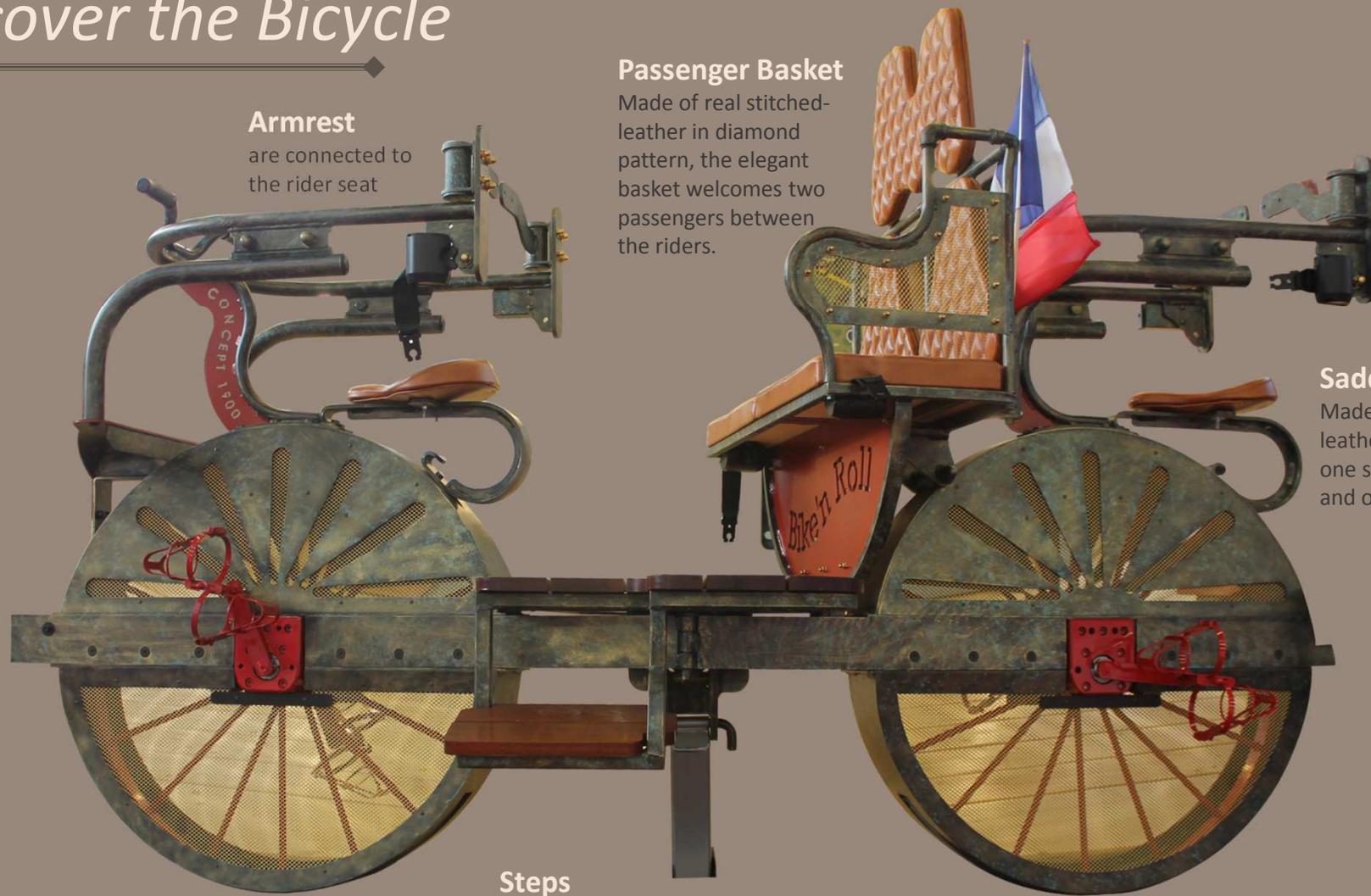
Bicycle
and
Speed control dials

Bike'n Roll

Bicycle ride
and
Art Deco kiosk



Discover the Bicycle



Armrest

are connected to the rider seat

Passenger Basket

Made of real stitched-leather in diamond pattern, the elegant basket welcomes two passengers between the riders.

Saddle

Made of quality leather, there is one saddle in front and one behind.

Two wheels

Participants are required to measure at least a height of 1,50 meters to paddle on the bike. Passenger basket welcomes the youngest participants, while taller ones enjoy the two riders seats.

Steps

Made in precious wood, the step ensure stability by riding the bike for both riders and passengers.



The control panel



Speed control dials are the interactive part of the bicycle family ride.

To animate the ride experience, the operator dispose of a microphone to encourage participants to paddle faster, and of a great panel of 1900's century sound effects: old bicycle bells, applause, cheers and acclamations, and so on..

Bike'n Roll jingle and music are played during the turn to reinforce the race sensation.

During the ride, the performance of the guests is recorded and displayed on the three dials:

- **Timer** : displays the current speed
- **Chronometer** : indicates the remaining time to achieve the race
- **Lap counter** : displays the number of turn performed by the participants



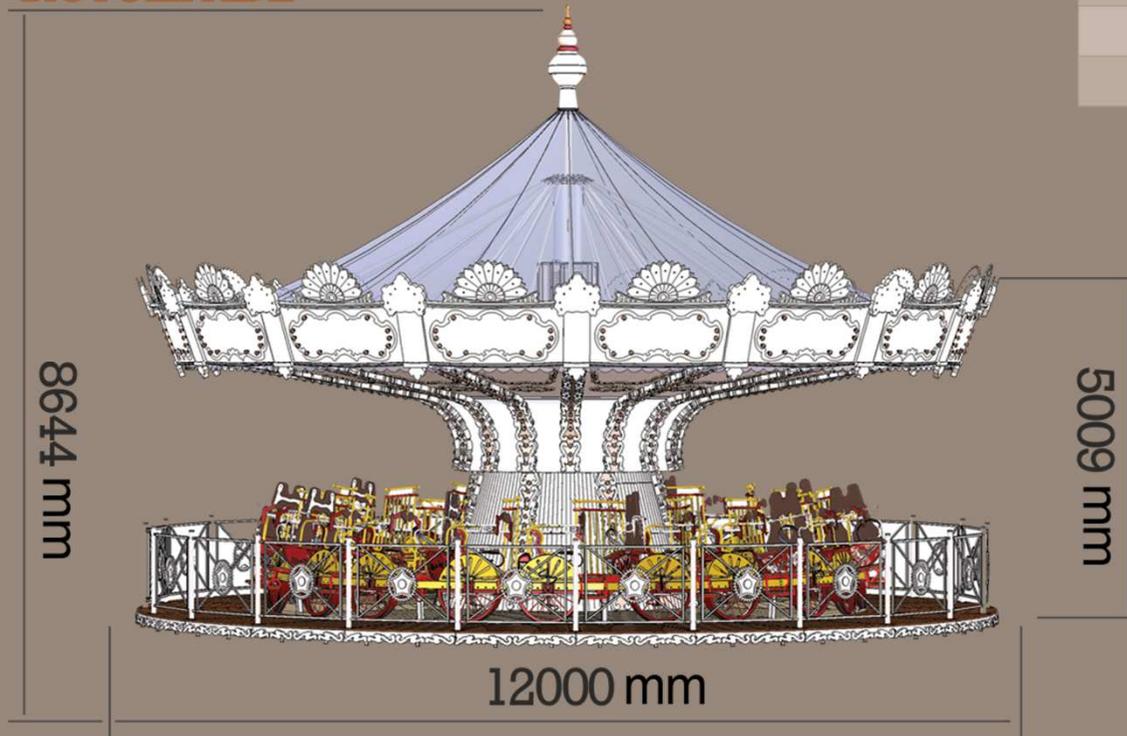
Euro Attraction Show in October 2018 – Amsterdam (The Netherlands)

Concept1900 exhibits its new attraction to be launched this year. The roundabout concept was presented on a carousel during the show.



Bike'n Roll roundabout

BICYCLE RIDE



Diameter with security gates	12 m	Height of the ride	8,6 m	Diameter without security gates	9 m
Number of bicycles (2 wheels)	10	Number of bicycles riders	20	Number of passengers on chair	20

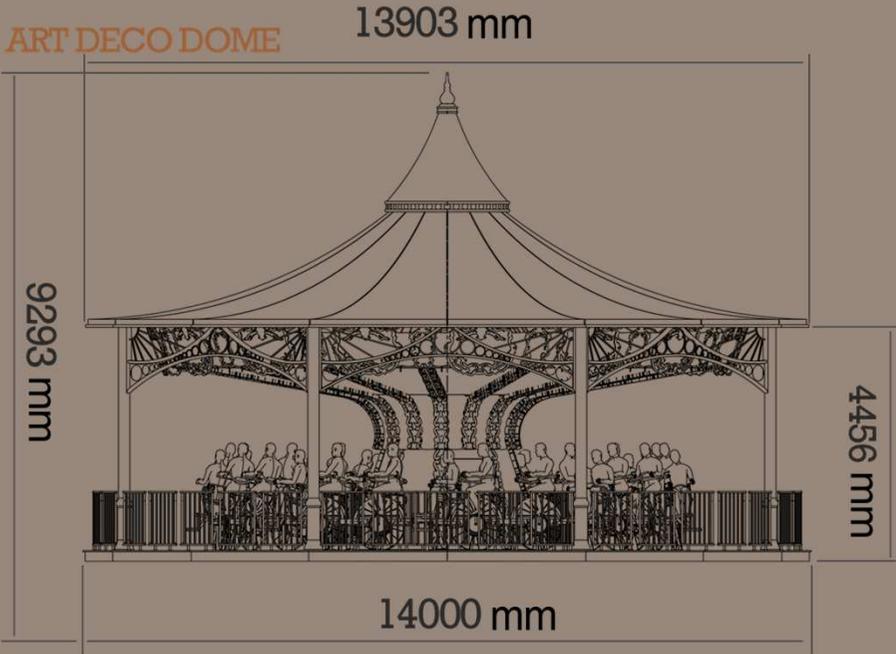
TECHNICAL DATA

Total empty weight of the carousel	9,5 T	Total empty weight of the bicycle	450kg
Maximum speed	30 Km	Power required	8 Kw
Maximum braking distance	25m (1 turn)	Maximum braking torque	150 000 Nm

The Concept 1900 offers bicycle roundabout with wood floor diameter of 12m including security gates, and seating volume of 40. The carousel is formed of 10 bicycles, each ones includes 4 seats : 2 riders and 2 passengers.



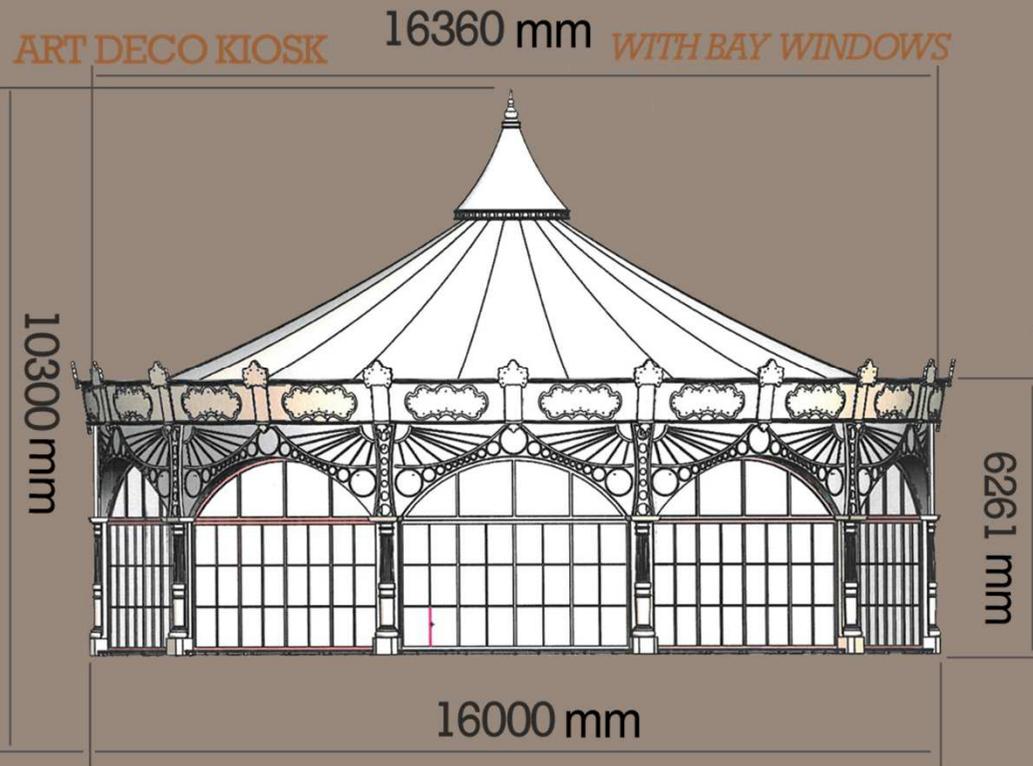
Bike'n Roll - ART DECO Dome



Bicycle roundabout welcomes a dome – Art Deco inspired, with diameter of 14 meters.



Bike'n Roll - ART DECO Kiosk



Bicycle roundabout also welcomes elegant kiosk – Art Deco inspired,
with diameter of 16 meters,
With polyester canopie, bay windows, pediments and operator booth adjoining
the archways challenging the “Belle Epoque” typical design.

Bike'n Roll

Ready To Offer You More



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