

4 JUNE 2025

GIANT RIDES PACKAGE



IE.PARK SRL SOLI BUMPER CARS

Price validity 30th July 2025

*The amusement rides
shown in this presentation
can be considered as a complete
ride package for an outdoor park.*



See some solutions proposed by I.E.PARK.

	Rides	Price- EURO- EXW	Delivery
1	Giant Wheel	Contact sales office	9 months
2	Giant Wave Swinger	Contact sales office	9 months
3	Giant Carousel –double deck	Contact sales office	9 months
4	Bobsled	Contact sales office	9 months
5	Spin coaster SC300	Contact sales office	5 months

(subject change – electrical materials prices and delivery unknown as per today's market)

Executive summary offer





1. GIANT WHEEL 63M





This Ferris Wheel has been manufactured by **SANYO** Japan in **1990** using the best Engineering Techniques and Materials and conforms to ASTM and Japanese Safety Standards.

This was the largest Ferris wheel in Japan and was operated at the Kobe Portopia Land, **Japan** until March 2006.

The magnanimity of the wheel is a sight to behold and is bound to be a automatic draw for visitors within the park. It will also serve to make a statement for the park itself because of its visibility from a distance.

The Special Lighting Package that adorns the ribs of the wheel complete with chasers and colour changers will add to the grandeur of this wheel

The wheel comes equipped with **36 AIR CONDITIONED GONDOLAS**, each carrying 6 Adult PAX.

The Total Capacity of this wheel is 216 PAX per operating cycle and offers a throughput of 864 PAX per hour. The ride requires a Footprint 40m x 36m.

The Ferris Wheel can be themed as ride that is iconic for the Country of Egypt and can be called the EYE OF THE PHARAOH or the PYRAMID EYE.

1. Giant wheel 63m



Customers riding this wheel will be treated to a special experience and if suitably located in the park, the can be treated to some breathtaking views from height of 60 Meters. The ride and gondolas has been structurally designed to withstand max wind pressure of 240 kmph.

Gondolas incorporate fixed seating from GRP and a vinyl floor covering. Access to the gondola is via an aluminium framed double door which can only be opened from the exterior.

Motive power is provided via 4 pcs hydraulic motor, mounted at each corner of the low level access platform.

The 4 hydraulic motors are fed via the main hydraulic power unit, this is driven by a three phase electric motor with a rated power of approx 30kW.

Each drive unit incorporate two further idler wheels which run on the top edge of the rim.

The hydraulic motors have a rated torque of 6.24 KNm with a maximum rotational speed of 69 rpm. Each drive unit incorporates a hydraulically actuated disc brake for stopping the wheel and holding during an imbalanced situation.

The speed of final wheel rotation is 0,0678rpm ;

The wheel rotates on a central axle, this runs on roller bearings at either side

Shipping volume : 28 containers 40' OT ; 2 containers 40' BOX ; 2 containers 40' FLAT



1. Giant wheel 63m



Gondolas

Gondolas are mild steel frame construction with coachwork in sheet aluminium and are glazed with clear plexiglass.

Gondolas finished in 2 pack polyurethane coating in colour to be specified by customer.

Lights

Each gondola has fluorescent lighting to the interior and 8 pcs light fitting (4 on right and 4 on left) to the exterior.

The wheel itself has decorative illumination by way of led cabochon lighting in colours to be confirmed, schedule is as follows:

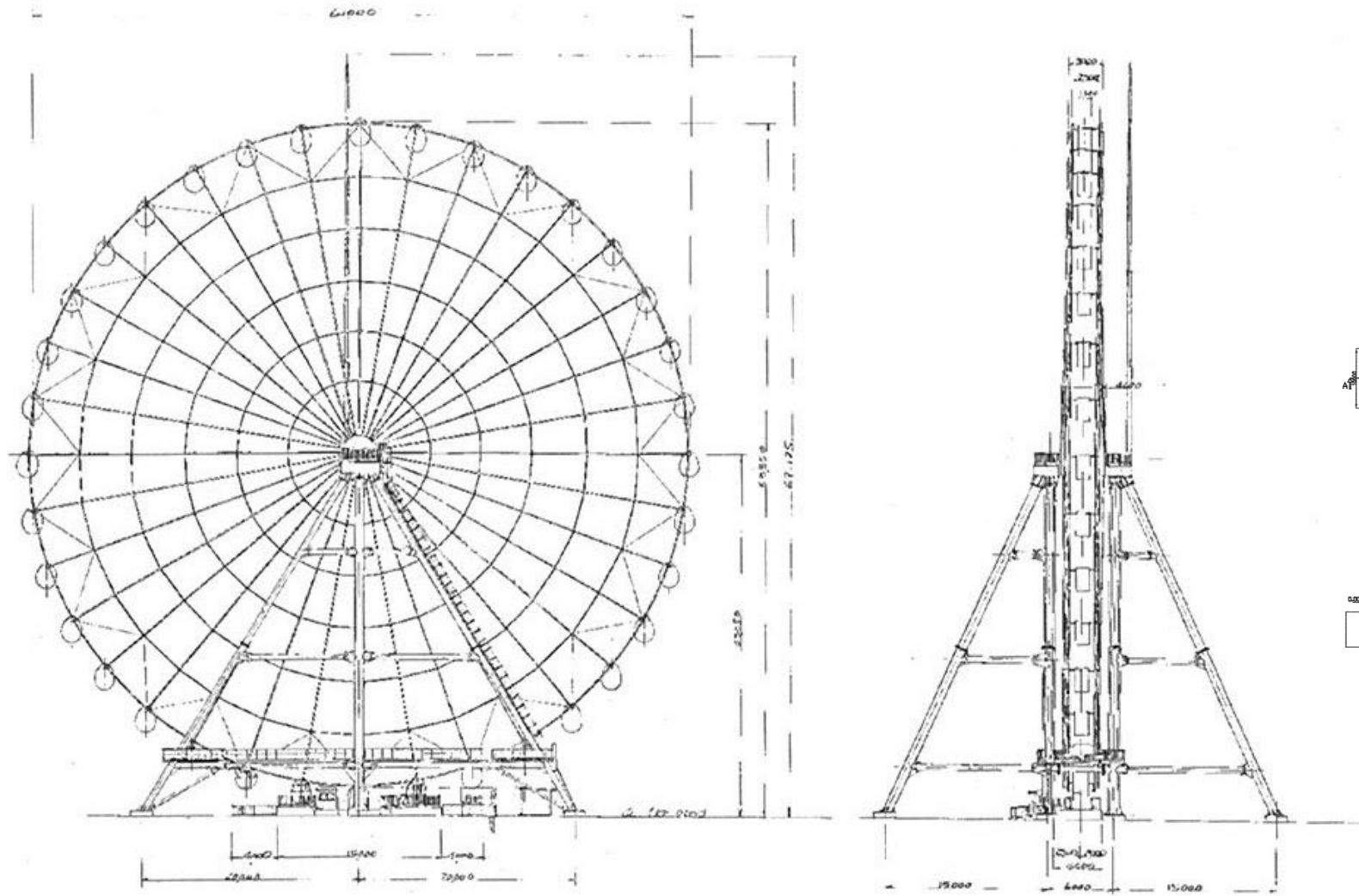
- Front outrigger support
- Front Diagonal support
- Wheel rim outermost braces
- Wheel rim outermost braces
- Wheel spoke type A
- Wheel spoke type B
- Wheel central hub

The total number of lighting points is approx. 8500 for a total power of approx. 85 KW., Thanks to led-rgb technology..

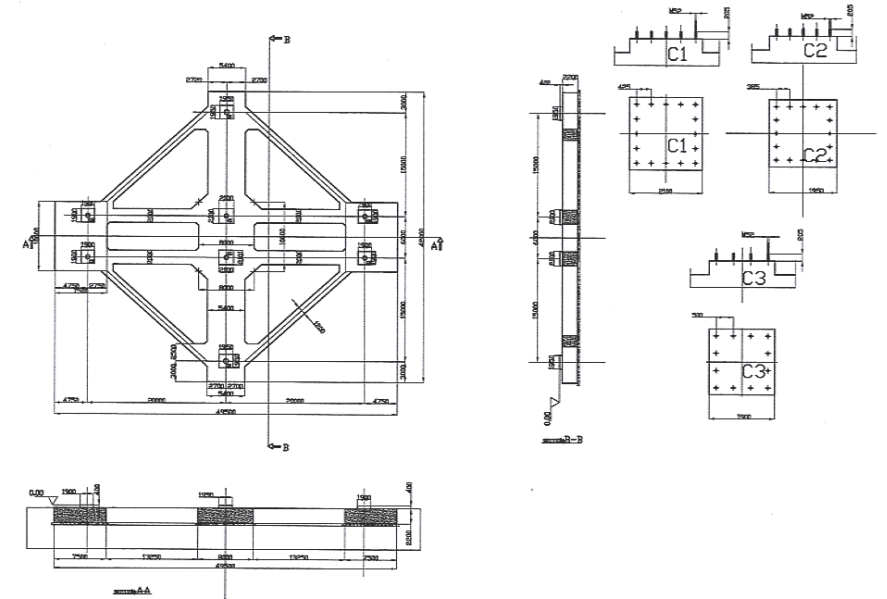


1. Giant wheel 63m





Foundation



IEPark will provide full imposed loading data to allow suitable foundations to be designed and built locally

1. Giant wheel 63m





2. GIANT WAVE SWINGER

This Giant Wave Swinger has been manufactured by **Zierer** - Germany in **1996** using the best Engineering Techniques and Materials and conforms to ASTM and Japanese Safety Standards.

It was operated at the Kobe Portopia Land, Japan until March 2006.

This 25 meter high Majestic Air Swinger **seats 64** passengers in 32 beautifully designed gondolas and reaches max rotation speed of 20 RPM. Guests will definitely experience the wind below their feet when dangling in the air, suspended 12.5 meters above the ground. The Ceiling panels of this show stopper ride can be themed to reflect Egyptian Mythology. When in operation, this ride is a sight to behold. This is a perfect family thrill ride that will add value to any outdoor destination.



2. Giant wave swinger



The Wave Swinger takes up a round area of 25 m diameter and an area of 33,5 m diameter during the work. The maximum height is 26,5 m. The main frame is composed by:

- a) A base frame fixed on a cement plinth with anchor bolts.
The anchor bolts are used in order to transmit on the ground the frame loads of the ride (solution with plinth).
- b) A column positioned on the base frame, which rotates clockwise on its own axis at a set speed .
- c) A central basket which runs on the two slide-ways of the column.
It is moved by two hydraulic cylinders.
- d) A revolving basket that works independently from the column.
It is joint to the central basket by a slewing ring and it rotates in the opposite direction to that of the column with set angular speed .
- e) A plate composed by 16 brackets firmly joint to the revolving basket.
On the brackets have been fixed the 32 Gondolas with chains and other fibreglass panels as cover.



The slide-ways are inclined in the upper part of the column, and this allows an inclination of the central basket of 15° in comparison with the vertical axis.

The transversal unbalance of the loads is contrasted by a couple of cylinders, controlled by an oil flow control valve.

The complete cycle of the ride provides only one raising of the central basket.

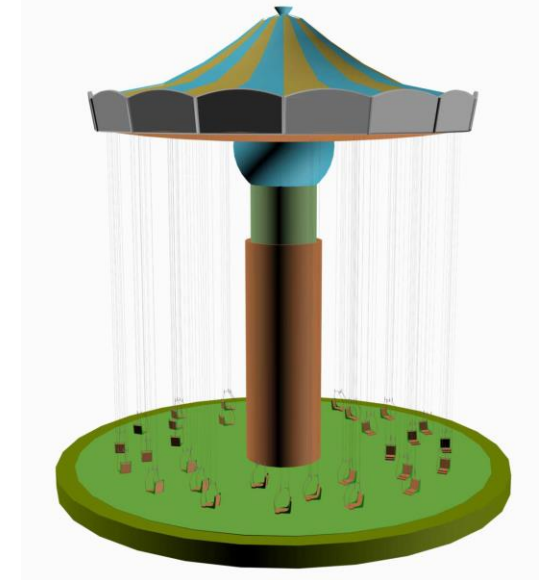
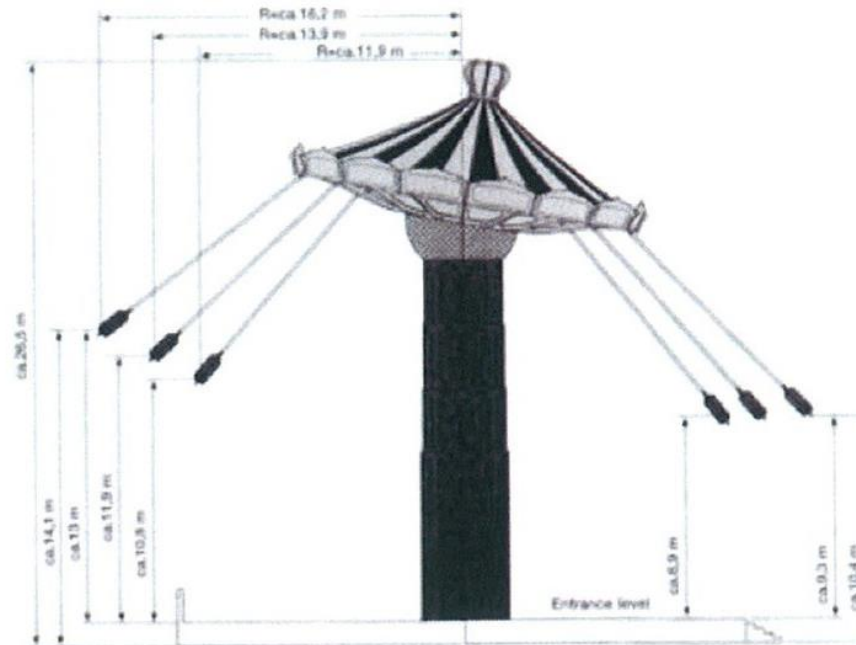
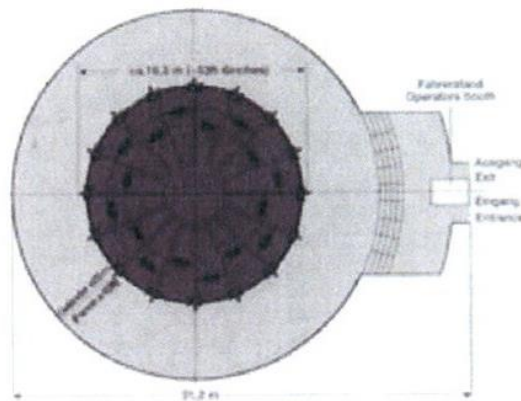
The composition of the two rotations on two different axes inclined of 15° causes the typical wave-motion of the seats.

2. Giant wave swinger



RECONDITIONED

GROUND DIMENSIONS	25 m
AERIAL OPERATING CIRCLE	33,5 m
TOTAL HEIGHT	26,5 m
SEATING	32 seats, accomodating
HOURLY CAPACITY	2 adults each
ELECTRICAL REQUIREMENTS	1000 riders
RIDE CAPACITY	Drive: 180 kW
	Illumination: 120 kW
TOTAL NET WEIGHT	100 metric tons



Shipping volume : 6 containers 40' top +3 container 40' flat

2. Giant wave swinger





3. GIANT CAROUSEL – DOUBLE DECK



This Double Decker Carousel has been manufactured by **Meisho** - Japan in **1991** using the best Engineering Techniques and Materials and conforms to ASTM and Japanese Safety Standards.

This was the largest bigger Carousel in Japan and was operated at the Kobe Portopia Land, Japan until March 2006.

Each horse and coach has been delightfully hand crafted by the best artisans to create that nostalgic yet fantasy appeal that is often associated with a Carousel



3. Giant carousel-double deck





This **19 meter diameter** Carousel will be one of the 2 the largest carousels in operation when fully refurbished and installed.

A Carousel of Similar kind and capacity is currently operational at Disneyland Tokyo.

It can seat **104 Pax** over two levels and has 72 Up and Down Horses and 8 Coaches. Standing 35 Meters Tall, this will be undoubted centerpiece that will make a huge entrance statement for any park.

Shipping volume : 12 containers 40' top

3. Giant carousel – double deck





4. BOBSLED

This Rollercoaster is a **MACK** – GERMANY product supplied in **1995**, and formerly installed in Kobe Portopia Land – Japan – operational till 31.03.2006

Number of Trains: 3 trains of 7 cars each with 2 passengers each car

Number of passengers: 14 adults or 14 children each Train.
Passengers / hour: 600

Max. speed: 51,8 km/h
Acceleration: 3 g

Overall dimensions:
Length: 110 m
Width: 73 m
Height: 25,2 m

Shipping volume:
nr 50 40' open top ctr.



4. Bobsled





4. Bobsled





Track

Provided with flanges connecting the tracks to one another and to the base. Each section of the track is connected to the other with flanges. The connection with the columns will be prepared new and welded on site with new flanges as the original one were removed due to nature of installation in Kobe.

The track is hot dip galvanised and painted white colour. The track is supplied with its original colour and any repainting is at buyer's charge.



4. Bobsled





Supports

Monolithic vertical stanchions provided with flanges connecting them with the tracks and with the base – foundation. Protected with rust preventer and epoxy enamels. The columns are supplied with its original colour and any repainting is at buyer's charge.

Trains

No.7 cars having 2 seats; each row is provided with lap bar for 2 passengers; chassis provided with all mechanical operation and safety organs; vulkollan bearing wheels, aluminium foot panel.

Ramps

Transmission organs for the driving ramp provided double safety of non return in case of emergency. The lift of the train is obtained with a chain system.

Braking system

Rollercoaster is equipped with safety system and block zones/mechanic braking system. This kind of braking allows to have the greatest safety and, at the same time, the greatest silence and the easiest and cheapest maintenance.

Electric system and Lighting

Electric system provided with general supply board; drive console with synoptic control panel and P.L.C. (Programmable Logic Controller) for the block system; There is no lighting with the ride

4. Bobsled



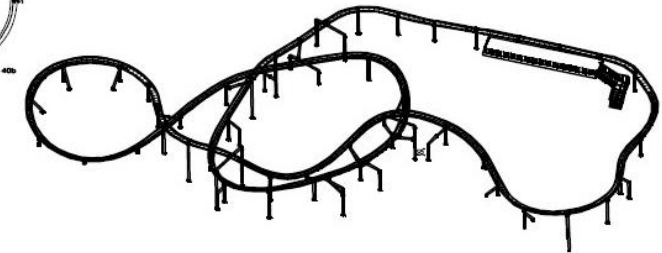
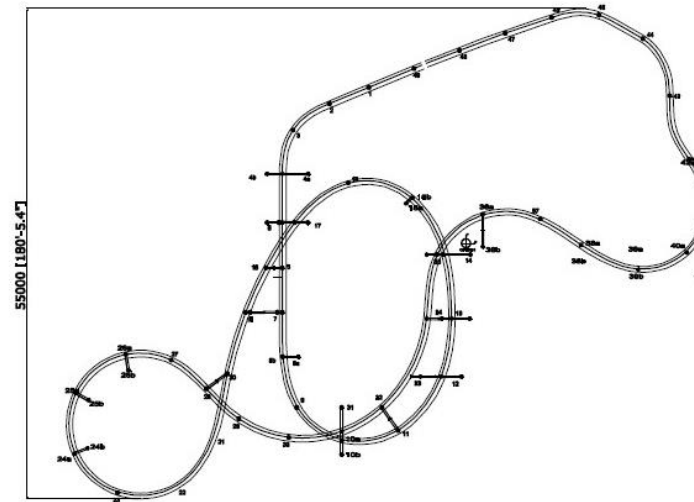
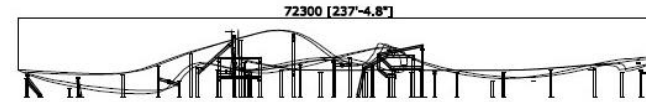
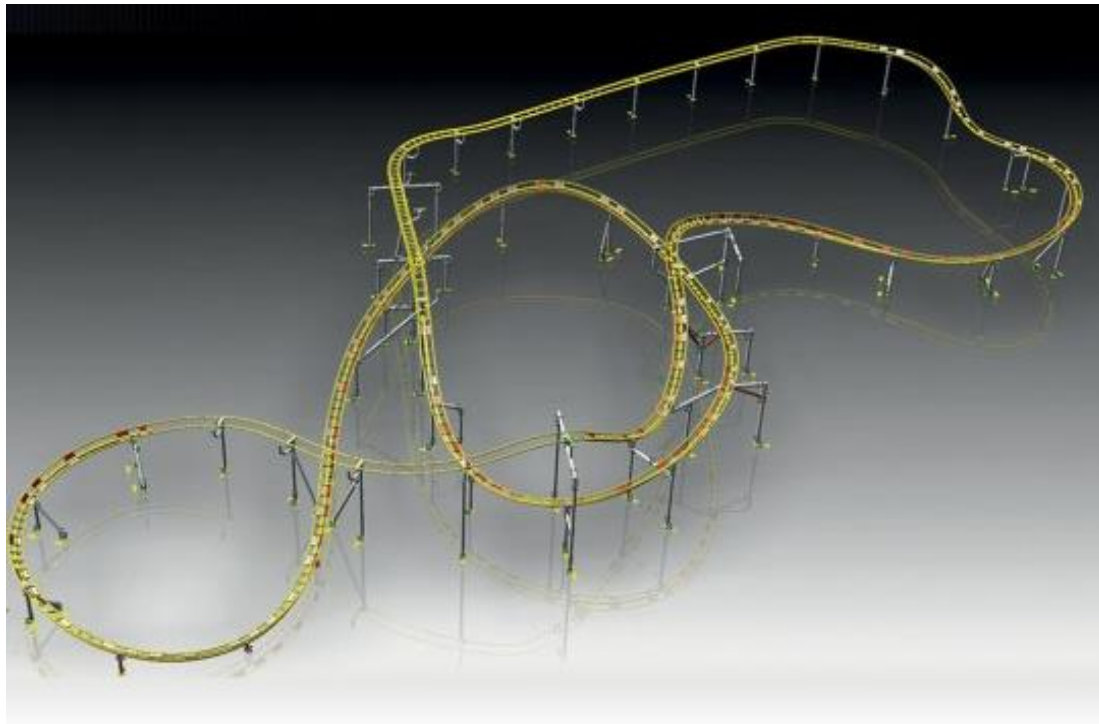


5. SPIN COASTER SC300



RECONDITIONED AS NEW

Year of Manufacture 2013



TECHNICAL DATA

Weight	N/A
Vehicles	1 train with 5 cars
Total capacity	20
Track development	308 m – 1010 ft
Speed (max)	10 m/s
Cycle time	100 s
Hourly capacity	500
Moving system	Kick-off Motor

Noise level	<80db
Shipping volume	5x40'box
Boarding	Simultaneous

ELECTRICAL DATA

Voltage	3phase + neutral + earth (230/400/415 V)
Frequency	50/60 Hz
Motive power	198 kW
Operation	Automatic/Manual

Passengers restrictions minimum admissible: age 6 years old, height 120 cm - Accompanied
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5. Spin coaster SC300

