



**Mini** Wheels

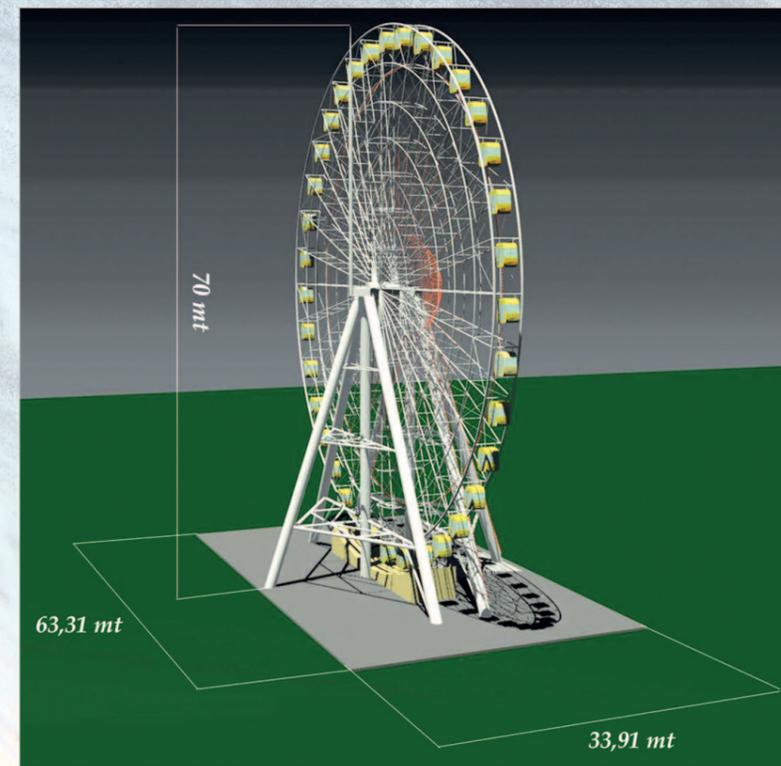
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**Medium** Wheels

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**Giant** Wheels

## Mini Wheels



The wheel is 95 m diameter and incorporates 50 gondolas each able to seat 4 or 6 people depending from the gondola type.

The structure must be affixed via a bolted connection to a permanent reinforced concrete foundation.

Normally the ride occupies an overall footprint of 60m x 40m. This dimensions could vary depending from the location site.

IEP will provide full imposed loading data to allow suitable foundations to be designed and built locally. Ride is complete with operator panel with wind speed indication.

The ride allows a maximum theoretical hourly capacity of more than 1000 p/h.

Wheel and supports are constructed from mild steel and all structural steel will be finished using a zinc content epoxy primer and two coats of epoxy topcoat in colour to be specified by the customer.

Gondolas are mild steel frame construction with coachwork in sheet aluminium and are glazed with clear plexiglas. Gondolas finished in 2 pack polyurethane coating in colour to be specified by customer.

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.

## Giant Wheels



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

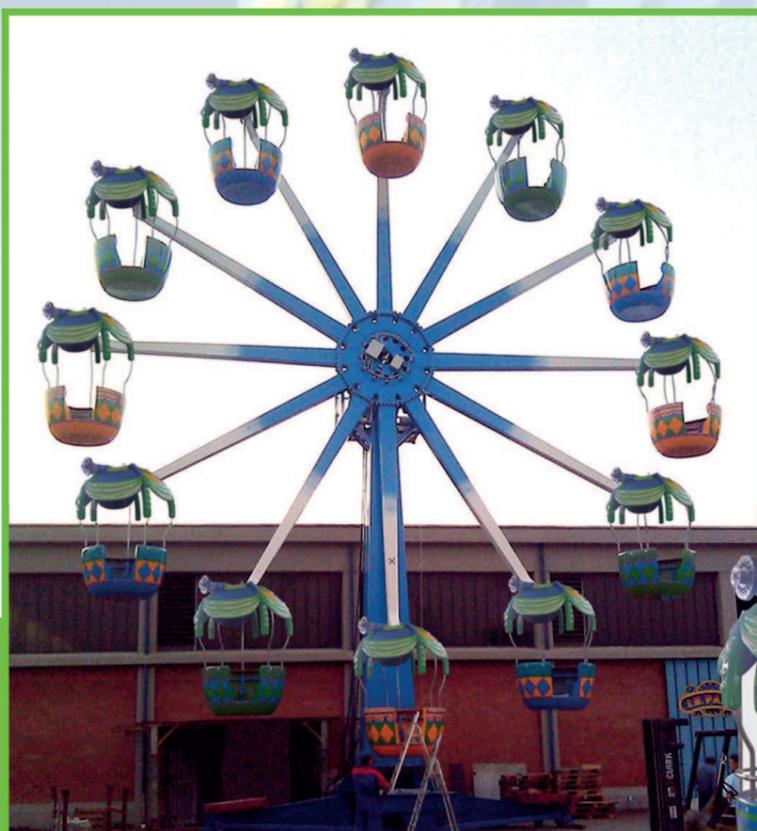
The wheel itself has decorative illumination by way of cabochon lighting in colours to be confirmed, schedule is as follows:

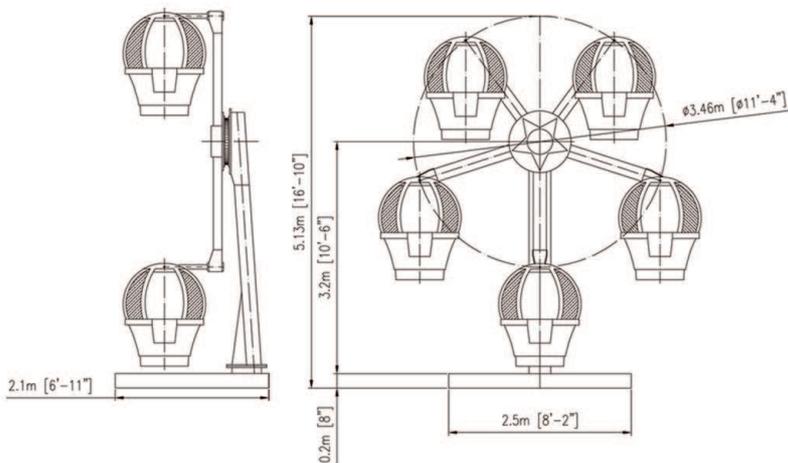
- Front outrigger support
- Front Diagonal support
- Wheel rim outermost braces
- Wheel rim outermost braces
- Wheel spoke type A
- Wheel spoke type B
- Wheel central hub

The total number of lighting points is approx. 8500 for a total power of approx. 85 KW

## Medium Wheels

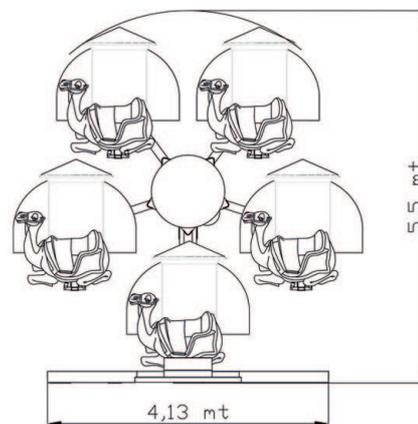
16 mt.





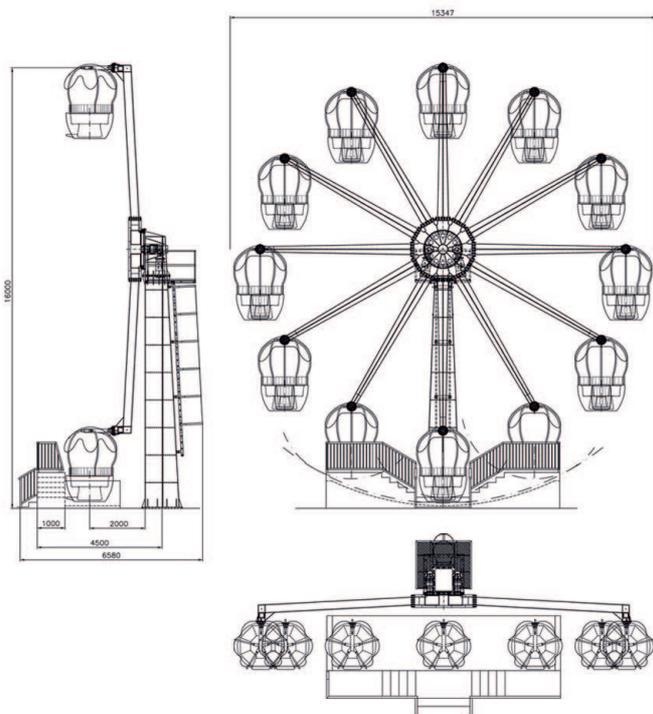
### MINI WHEEL 5

Dimensions base: 2,5x2,1m  
 Power: KW 2,5  
 Light: KW 3  
 Vehicles: 5  
 Seating: 20  
 Total weight (empty): 2200kg  
 Total weight (loaded): 3600kg  
 Operation: Automatic and manual with adjustable speed

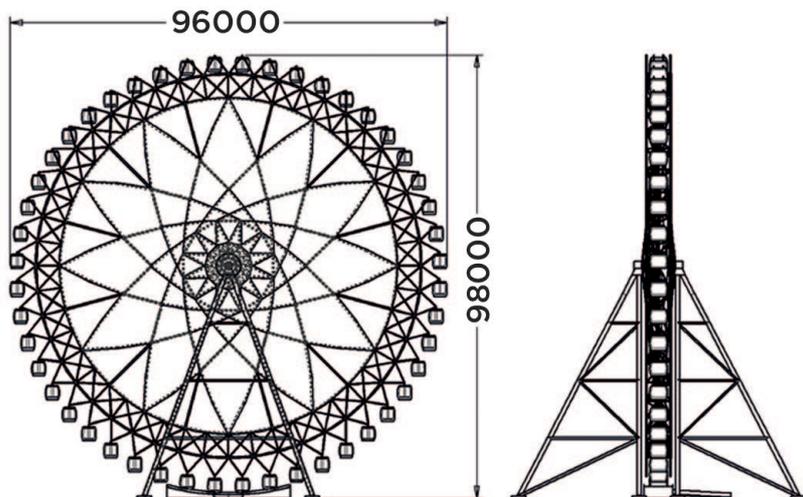


### MINI CAMEL WHEEL

Capacity: 2 adults or 4 children  
 Total capacity: 10 adults or 20 children  
 Vehicles: 5  
 Voltage: 230/400/415 V  
 Frequency: 50/60 Hz  
 Motive power: 3 KW  
 Lighting: 2 KW  
 Control: automatic/manual



Dimensions: 16x5,5x7m  
 Power: KW 30  
 Vehicles: 12  
 Seating: 48  
 Total weight: 17800kg  
 Maximum Speed: Rpm 2  
 Direction of travel: Clockwise  
 Operation: Automatic/Manual



Operational limits  
 Gondola loading:  
 5 x 80KG, 400KG maximum  
 Maximum operating wind speed:  
 0,18 kN / sqm - 60 km/h (16,9 m/s)  
 Maximum wind pressure considered  
 in structural calculations:  
 2,92 kN / sqm = 240 km/h (66 m/s)



IE PARK SRL SOLI BUMPER CARS  
 via Don P. Borghi, 3 - 42043 Praticello (Reggio Emilia) Italy  
 Tel. +39 0522 678526  
 Fax +39 0522 678750/477407  
 www.iepark.com - info@iepark.com

