

100% MADE IN ITALY



Fabbri
group

FAMILY RIDES MAJOR RIDES THRILL RIDES WATER RIDES ROLLERCOASTERS PANORAMIC WHEELS

RIDES CATALOGUE



RIDES CATALOG

A story of innovation and Italian “Genio”

THE BEGINNINGS

Remo Fabbri first started working with rides just after the Second World War. Remo was the son of a blacksmith, however chose to work as a mechanic, gaining a reputation for his technical skills and outstanding talent. Encouraged by his brother Antonio, and following requests from many travelling showmen in his home town of Bergantino (Rovigo), he started working

on their rides, improving how they operated and were made. Remo realised there was room for innovation: he in fact replaced the hydraulic and mechanical operation of the rides with higher-performance compressed air.

At the end of the 1950s, in the business now called ‘Officina Fabbri’, together with his brother he designed and built the first **Aviogiostra (plane ride)**: this marked the beginning of an adventure and a passion that would accompany him throughout his long life – he passed away in 2020, at the age of 100 – and that he would share with his son Alfonso from the mid-1960s on.

SUCCESS

By the 1970s production had reached an industrial scale: from the evolution of the Avio came the Telecombat (one of the company's all-time greatest successes), followed by rides such as Tagada, the Pirate Ship, the Flying Carpet, Ranger, Crazy Dance and Kamikaze.

Rides that very quickly established themselves on the domestic market, followed in the 1980s by other markets in Europe and the Middle East.

Remo's pragmatism can also be seen in his rides: already existing models that he redesigned with extreme care, managing to simplify both the production process and assembly and transport. The result was high quality rides, very competitively priced and easy to manage for operators, who could not fail to love them.

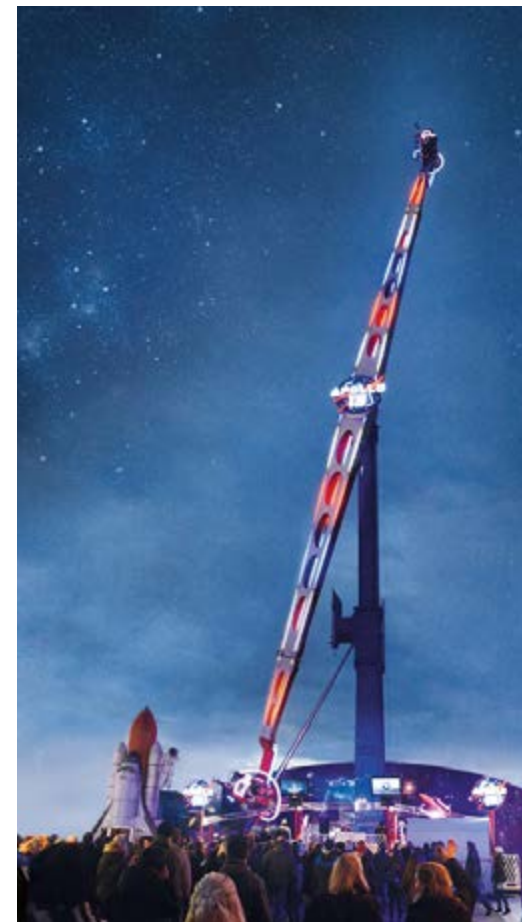
DESIGN AND PRODUCTION FOR THE INTERNATIONAL MARKET

These successes transformed ‘Officina Fabbri’ as a business: it expanded into new international markets and invested in new products to meet the needs of a rapidly growing and constantly changing sector. In 1990 **FC FABBRI PARK** was founded, the Fabbri group's modern manufacturing unit: the company reorganised, hired new qualified professionals and set up specific departments for the design of new rides, including themed versions, as well as advanced ride safety. Design has always been the heart of the Rovigo company's business, combining innovation and skills through its shareholder and technical director, Sergio Chierigatti. His son Luca joined the technical team in 2010, following in his father's footsteps. By the end of the 1990s Fabbri was already manufacturing rides that were shipped to every continent, for customers ranging from travelling showmen to permanent amusement parks (including theme parks and indoor parks), family entertainment centres, museums, events and other entities.

The large number of rides sold and the expansion of the international customer base required a strengthening of after-sales service, plus a fast and efficient support and spare parts department: in 2007 FC Fabbri teamed up with **GAS – Global Amusement Services**. The two companies work side by side in Calto, the company's production site, operating together under the name of the **FABBRI GROUP** consortium. In 2020 another manufacturing company – **Fabbri Attractions** – joined Fabbri Group.

AN ICON IS BORN

The new millennium brought sensational new ideas.



Mobile Booster Maxxx with theme “Apollo 13”

In 2001 the first **Booster** (photo) was introduced in the market, becoming the Fabbri most iconic attraction. To date Fabbri has sold well over 100 Booster units worldwide.

SPECIALISTS IN GIANT WHEELS

In 2002 the company marked another milestone, creating the **Giant Wheels** division, devoted specifically to the design and construction of large Ferris/observation wheels. The first model was released in 2003: a 40m wheel transported on three semi-trailers.

Others soon followed, both fixed and portable versions, and even much larger in size, such as the 80m high wheel installed in 2010 in Taiwan (on the roof of the E-Da Mall) and the 85m high Giant Wheel installed in Mexico City in 2023.

Observation wheels that can reach up to 100m and become temporary city icons for major events or permanent tourist attractions in their own right.

Indeed, Fabbri currently holds the **Guinness World Record for the highest indoor Ferris wheel** in the world. It is installed in Turkmenistan (photo).



Turkmenistan, 53-meters indoor Giant Wheel. A Guinness World Record



NO LIMITS

The combination of know-how and latest-generation applied technologies led Fabbri to make, **in 1997, its first drop tower, the iconic Scary Drop**. Over the years this has been made with different capacities and heights, from 20m to 60m. Fabbri uses the safest brake system world-wide, called "permanent magnetic brakes" to guarantee a 100% safe operation of the attraction. Scary Drop (which can be installed in any space and location) has been such a success that it is manufactured in a continuous cycle at the Fabbri factory. In summer 2021, a 34m high Scary Drop was chosen

by the Sky Hotel in Cape Town (South Africa) to offer its guests an unforgettable experience. Located 100m above the ground on the roof of the hotel, it offers breathtaking views over the city and amazing thrills, with a free fall controlled by magnetic brakes. In 2016, in collaboration with Brogent, Fabbri developed and manufactured 3D Tower, a 20m tower combined with a large screen. The seats move in sync with the images projected on the screen, and the riders wear 3D glasses. The first model was installed at the Shang Shung World amusement park in Taiwan, and another version was installed at Dream Island in Moscow, Russia.



Fabbri headquarters in Calto, Rovigo, Veneto Region, Italy



Wilde Maus, Compact Family Coaster

TODAY, CONTINUOUSLY STRIVING FOR EXCELLENCE

Today Fabbri Group disposes of an international sales team directed by Mr. Gianluca Fabbri. It manages sales world-wide and controls an international network of agents, selling rides in the various continents.

The Rovigo company is today one of the world's leaders in the production of amusement rides and Ferris/observation wheels, both fixed and portable.



Luca Chieregatti, Gianluca Fabbri, Giulia Negri, Jean Charles Manca, Edward Cromheecke

Complete service providers

CONCEPT

Our Creative Department works with every customer to design excellent solutions that can translate conceptual ideas into real designs, giving an attraction its own distinctive character, in line with customer requirements, the central theme, and the latest trends.

DESIGN

Our team of engineers and designers handles all the technical aspects using state-of-the-art design, calculation, and simulation tools. Our constant objective is to supply operator-friendly rides that can combine the utmost in safety with unforgettable experiences for the rider to enjoy.

PRODUCTION

The entire manufacturing process takes place under the supervision of our engineers. We only use leading Italian suppliers, most of whom boast extensive experience in the manufacture of ride components. All components are certified. Once the main components are ready, we manage the assembly process, adding our technology to the ride. Theming, custom FRP decorations and light systems are also available upon request.

INSTALLATION

Through our team of skilled technicians, we also directly handle the on-site installation of each ride, no matter how near or far, or the type or size of ride, with the highest technical competency and the utmost attention to detail.

AFTER-SALE

We feel that long-term success is built on real and lasting customer relationships. We can offer pre-opening training to make operators more familiar with our rides, on-site and remote technical support, maintenance, spare parts and, upon request, even yearly technical inspections.



From start to finish
Fabbri Group has experience, know-how and expertise in dealing with all the aspects that bring a complete ride package for a park to life

We are continuously striving for excellence and investing in the quality of our rides. We use cutting edge technology to respond to the ever-changing needs of the leisure market.

We regularly develop new ride concepts, creating exciting attractions for different age groups and different customers, ranging from fixed parks to malls and family entertainment centres, from travelling show operators to hotels, resorts, and events.

We have an international clientele: through our sales network of affiliated companies and sales or representative offices, we export our rides all over Europe, as well as all over the world. Fabbri Group's rides can be found on every continent!

Innovation is one of the strengths of Fabbri Group's philosophy together with durability and quality. We are fanatical about enhancement. We invest considerably in research and development, and unceasingly improve each and every ride, as well as each and every phase of the ride creation and manufacturing process. Our innovative technical solutions make our rides high-performance products, with our proud customers taking full advantage of them.

Safety is the main focus of our R&D department, and is top priority. Our engineers work in close collaboration with international inspection and certification bodies, such as TÜV, Vinçotte and ECO, and our rides are compliant with the latest and strictest standards worldwide, such as EN, ASTM, GB and GOST. Our company is also ISO-9001, EN 1090-1:2009+A1:2011-EXC3 and ISO 3834-2:2006 certified and uses the highest quality systems to make sure that we manufacture only the safest possible rides. We also carry out numerous meticulous factory tests on each ride before it leaves our factory, in order to verify its safety, quality and operation.

Our company is compact and flexible. We can offer our clients customized tailor made solutions. All our rides are fully customisable to satisfy any customer needs, as well as meet their specific budget and location requirements.

Our headquarters are located in Calto (Rovigo, Italy).

We are in the heart of the renowned 'Italian Rides District', an area in the Veneto region, mid-way between Venice and Bologna, centred around the small town of Bergantino and the neighbouring Calto and Melara, where many small and medium-sized companies in the rides industry are located. Recognised around the world as a hub of excellence, the Rides District is also home to almost all our suppliers. Our rides are proudly 100% made in Italy.



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85-METER GIANT WHEEL PURPOSE-DESIGNED FOR AZTLAN PARK - MEXICO CITY

The tallest Giant Wheel in Mexico is equipped with FC6 model enclosed cabins, specially designed by Fabbri for this type of wheels.

FABBRI GROUP GIANT WHEELS

The combination of the site chosen by the client with the light package featuring the latest LED technologies, the special design of the cabins and the Italian design for the wheel structure, make this Giant Wheel a unique landmark for Mexico City.



GIANT WHEEL 85-40

85-METER-HIGH GIANT WHEEL
WITH 40 ENCLOSED CABINS

PARK MODEL

DIMENSIONS*

Footprint: 43 meters / 141'1" x 30 meters / 98'5"

Height: 85 meters / 278'10"

**Sizes can be modified at special request*

CAPACITY

Cabins: 40, FC6 model

Seats: 240

Minimum Rider Age: Up to 8 years, kids must be accompanied by an adult

Estimated Hourly Capacity: 1.250 pph

POWER REQUIREMENTS

City Line Connection: 245 kw approx.

TRANSPORT AND ASSEMBLY

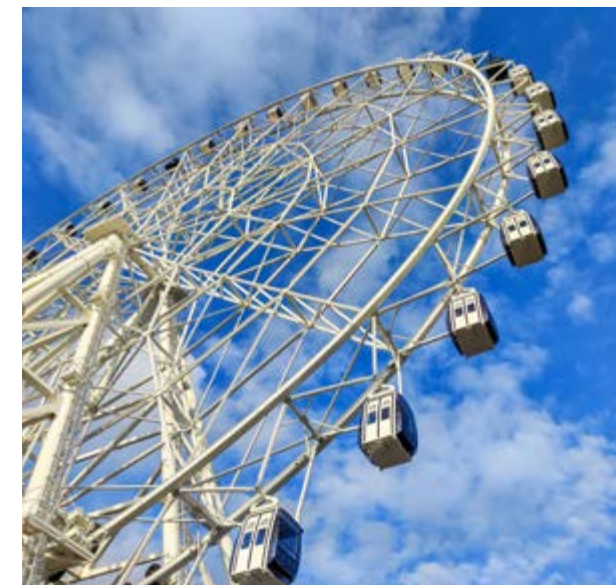
Transport: 1 x 40' H.Q. + 39 x 40' O.T. + 9 x 40' O.T H.Q.

Weight: 480 tons

Ride Assembly Time: 90 days

AVAILABILITY

Park model



A MIDDLE EAST DELIVERY

The tallest Giant Wheel in Qatar was delivered by Fabbri together with other 6 rides making our company the main attraction supplier to serve the 2022 FIFA World Cup.

The Wheel was installed on the seaside: special painting procedures protect it against salt damage. Also motors and gear-boxes are protected in a special way.

This Giant Wheel has 36 FC6 model cabins, all decorated in different colours to make it look even brighter under the Qatari sun.



GIANT WHEEL 53-36

**53-METER-HIGH GIANT WHEEL
WITH 36 ENCLOSED CABINS**

PARK MODEL

We offer many options to customize our Giant Wheels, such as VIP cabins, special light packages, station roof, audio/video equipment and ambient lighting in the cabins. Cabins can be equipped with automatic opening doors and air conditioning system. Upon request, our Giant Wheels can come complete with a nice entrance and we can use a steel base instead of making foundations.

DIMENSIONS*

Footprint: 25 meters / 82' x 22 meters / 72'2"

Height: 53 meters / 173'11"

**Sizes can be modified at special request*

CAPACITY

Cabins: 36, FC6 model

Seats: 216

Estimated Hourly Capacity: 1,050 pph

POWER REQUIREMENTS

City Line Connection: 115 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 10 x 40' H.Q + 20 x 40' O.T.

Weight: 190 tons

Ride Assembly Time: 45 days

AVAILABILITY

Park model



WEIGHTLESS FEELING, ADRENALINE RUSH AND A PANORAMIC VIEW

Our Freefall Towers are popular throughout the world. They come in various sizes and capacities and use the **best brakes available worldwide**: our magnetic brakes never fail and offer the safest possible ride combined with low maintenance costs.

Not only riders can experience **real freefall**, but our towers also offer an excellent way to view the surrounding panorama.

A unit we've recently delivered to South Africa has been installed on the roof of a 28-storey five-star hotel at a height of 150 meters: the hotel uses the ride as one of their unique selling propositions.

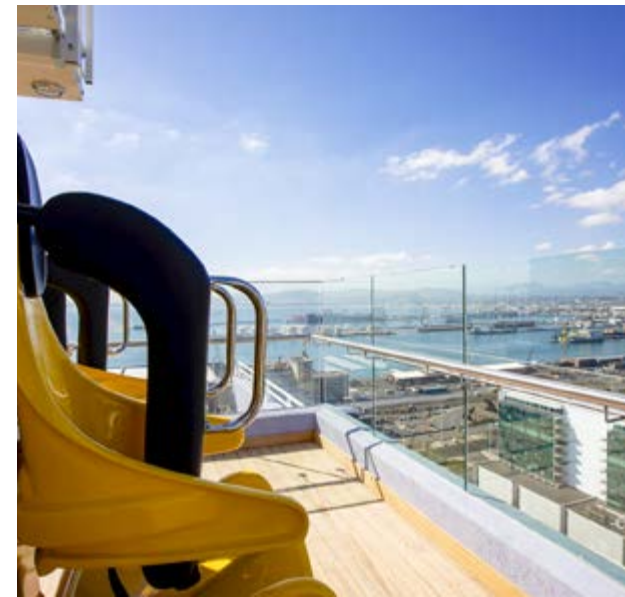
Fabbri Group is excited about providing special solutions: we have the right compact organization to realize these new ideas.



VIDEO



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SCARY DROP

ROOFTOP SOLUTIONS
FREEFALL TOWER

PARK MODEL

DIMENSIONS*

Footprint: 13.50 m / 44'3" x 10.7 m / 35'1"

Height (with lightball): 34.2 meters / 112'2"

**Sizes can be modified at special request*

CAPACITY

Passenger Unit: 10 seats

Estimated Hourly Capacity: 200 pph

Minimum Rider Height: 130 cms

Suggested Ride Cycle: 120 + 60 seconds

POWER REQUIREMENTS

City Line Connection: 85 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 3 x 40' O.T. + 1 x 40' H.Q.

Weight: 28.5 tons

Ride Assembly Time: 10 days



Fabbri
group



VIDEO

LIGHTS UNDER THE TRACK CAN FOLLOW THE INDIVIDUAL CARS!

The Wilde Maus Coaster has been upgraded to the newest standard with an eye-catching option where the track is fully illuminated and the lights under the track can follow the individual cars.

Making its world debut in Germany, the new version has been very well received by the market thanks to its **dynamic lighting** state-of-the-art technology. Cars are equipped with special sensors for special light effects. If you are looking for the ideal family coaster in your park this ride brings lots of joy for the family: it features all nice elements a good family coaster should have in a compact size.

420 METERS OF TRACK, GREAT VALUE FOR MONEY

The Wilde Maus is a typical Family Coaster featuring 4-seater cars moving on an exciting track of approx. 420 meters, packed with turns and accelerations, drops and elevations. The ride has a good capacity as well as a compact size.

Importantly, the ride can be delivered with a steel galvanized base which **avoids any need for foundations**.

Several cars can be on the track simultaneously, which makes the ride very attractive also for the public.



WILDE MAUS

COMPACT FAMILY COASTER
WITH INDIVIDUAL SPINNING CARS
PORTABLE MODEL

DIMENSIONS*

Footprint: 42 m / 137'10" (W) x 22.2 m / 72'10" (D)

Height (dynamic): 15 meters / 49'3"

**Sizes can be modified at special request*

CAPACITY

Cars: 8

Seats: 32

Estimated Hourly Capacity: 576 pph

Minimum Rider Age: 6 years. Up to 8 years, kids must be accompanied by an adult

Suggested Ride Cycle: 110 seconds

POWER REQUIREMENTS

City Line Connection: 85 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 8 x 40' O.T.

Weight: 100 tons approx.

Ride Assembly Time: 10 days



IN CONTROL COMBINES A NEW AND CREATIVE MIX OF MOVEMENTS USING HYDRAULICS

The combination of movements using latest technologies makes the ride very interesting: 16 passengers in total can make cycles of various lengths. The ride can be themed easily using the ride centre and backside of the cars.

MOVEMENTS OF THE RIDE

The ride consists in a main rotating column, onto which 8 arms (or more) are attached, each one supporting a 2-seater floorless car. The arms can be lifted up to a height of 13 meters and lowered easily, making each suspended car swing and spin without making a loop.

The speed of the arm's lowering and elevation as well as the number and size of the passengers affect the movements of each individual car, resulting in a surprising mix of movements.



VIDEO



IN CONTROL

MAJOR RIDE
TRAVELLING MODEL

DIMENSIONS*

Footprint: 14 meters / 45'11"

Static Height: 8.2 meters / 26'11"

Dynamic Height: 13.12 meters / 43'1"

**Sizes can be modified at special request*

CAPACITY

Cars: 8

Seats: 16

Estimated Hourly Capacity: 320 pph

Minimum Rider Height: 130 cms

Suggested Ride Cycle: 120 + 60 seconds

POWER REQUIREMENTS

City Line Connection: 190 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 2 x 40' O.T.

Weight: 34 tons

Ride Assembly Time: 2 days



NEW
RELEASE



A MAJESTIC SPIDER
Spider is a new exciting major/family ride. The ride has a main central column onto which 4 arms are attached; each arm holds a 4-passenger car. Riders are lifted up to a height of 12 meters. The ride can be delivered with or without platform.

MOVEMENTS OF THE RIDE
The central column rotates while the arms are lifted up and the floorless cars spin independently, without looping however. The sudden accelerated arm elevations and drops combined with rotating movements makes this ride one of the best new proposals for both parks and traveling showmen.



SPIDER

MAJOR RIDE
TRAVELLING MODEL

DIMENSIONS*
Footprint: 17 meters / 55'9"
Height (static & dynamic): 12 meters / 39'4"
<i>*Sizes can be modified at special request</i>
CAPACITY
Cars: 4
Seats: 16
Estimated Hourly Capacity: 320 pph
Minimum Rider Height: 130 cms
Suggested Ride Cycle: 90 + 90 seconds
POWER REQUIREMENTS
City Line Connection: 165 kw approx.
TRANSPORT AND ASSEMBLY
Transport: 3 x 40' O.T.
Weight: 30 tons
Ride Assembly Time: 2 days



ROTATIONS AT A SPEED OF 100KM/H
Booster is Fabbri's pride and joy, with dozens of units successfully operating throughout the world. A Booster by Fabbri stands for a superb and smooth cycle experiencing a real rotator flight with flipping cars.
Amazing accelerations combined with speed and 360-degree spinning cars make this ride one of the best Thrill Rides available nowadays.

BOOSTER COMES IN MANY SIZES, BOTH IN PARK AND TRAILER-MOUNTED MODELS
At 50 meters, Booster Maxxx is the tallest version so far. It has a capacity of 16 passengers per cycle, and up to 240 riders per hour (see page 66 for all Booster models).
The ride in its trailer-mounted version has been recently operating several times in the Middle East (photos) and is one of the most popular attractions at the Oktoberfest in Munich, Germany.
Booster has become a classic ride and a must-have for fixed parks, funfairs and events: keys to its success are the amazing movements, the strong visual impact, the compact footprint, and the many repeat riders it has.
All Boosters have new re-designed arms and feature lighter seats, not covered in rubber foam anymore but made out of fibreglass. Our Boosters can also be easily themed.



BOOSTER MAXXX

OUR ICONIC THRILL RIDE
TRAILER MOUNTED



DIMENSIONS*
Footprint: 18.20 meters / 59'9" x 10.75 meters / 35'3"
Height: 50 meters / 164'
*Sizes can be modified at special request
CAPACITY
Cars: 2
Seats: 2 x 8 seats, 16 passengers
Estimated Hourly Capacity: 240 pph
Minimum Rider Height: 130 cms
Suggested Ride Cycle: 180 + 60 seconds
POWER REQUIREMENTS
City Line Connection: 230 kw approx.
TRANSPORT AND ASSEMBLY
Transport: 2 trailers + small truckload (entry, fences, lights)
Weight: 47 + 37 tons + small truckload
Ride Assembly Time: 8 hours

**NEW
RELEASE**

A FAMILY THRILL RIDE

To our great pleasure, the success of IMPACT, our new family thrill ride, traveling version, is exceeding all expectations. For a few months now, our loyal customer, Vicente Bañuls Grupo Atracciones, the first to believe in this new ride, has been operating it in major fun-fairs across Spain, and in all of them, it

is not only a real crowd-pleaser, but the most popular amusement ride.

Its multiple movements – rotation of the central column, elevation/lowering of the arms up to nearly 9.5m from the ground, and swinging of the 8 two-seater suspended cars – stand for a breathtaking experience, and riders

are enthusiastic about it. The footprint is 16.1m and the hourly capacity is 320 people. Once again, we have hit the mark: IMPACT brings a new level of excitement and fun to fairgrounds. Our thanks to Vicente Bañuls for the continuous belief in our ideas and company.

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IMPACT

FAMILY THRILL RIDE TRAVELLING MODEL

DIMENSIONS*

Footprint: 16 x 16.1 meters / 52'6" x 53'

Height (static): 3.8 meters / 12'5" (without central object)

Height (dynamic): 9.4 meters / 30'10"

**Sizes can be modified at special request*

CAPACITY

Cars: 8

Seats: 16

Estimated Hourly Capacity: 320 pph

Minimum Rider Height: 130/140 cms

Suggested Ride Cycle: 120 seconds

POWER REQUIREMENTS

City Line Connection: 150 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 1 trailer, 16.6 meters

Weight: 35 tons

Ride Assembly Time: 5 hours, 3 persons





HIGH CAPACITY FAMILY RIDE WITH INTERACTIVE STEERING
Tea Cups: 12 tea cup-shaped cars are positioned on one main platform that spins clockwise or anti-clockwise. Each tea cup vehicle has room for 4 riders. The spinning speed of each car can be controlled manually by riders using a steering wheel. In the middle of the ride stands a huge tea pot.
Crazy Pots: 3 cars are placed on 3 small platforms embedded in one main platform. While the main platform rotates clockwise, the small embedded platforms spin anti-clockwise. Each pot has a capacity of 5 passengers (2 adults and 3 kids). The centre has a small decoration.

TEA CUPS OR CRAZY POTS?
Both of these rides are very popular as the whole family can take a ride, the capacity is high and they can be easily themed. Tea Cups features a simple structure where the complete drive can be installed on top of the platform and hidden by the fiberglass decoration in the middle; Crazy Pots require foundations as there are more rotating platforms.



TEA CUPS & CRAZY POTS

TEA CUPS / PARK MODEL
1 MAIN PLATE

DIMENSIONS*
Footprint: Ø 14 meters / 45'11"
Height (tea pot centre): 5.2 meters / 17'1"
**Sizes can be modified at special request*

CAPACITY
Cups: 12
Seats: 48
Estimated Hourly Capacity: 960 pph
Minimum Rider Height: kids under 100 cms must be accompanied by an adult
Suggested Ride Cycle: 120 + 60 seconds

POWER REQUIREMENTS
City Line Connection: 40 kw approx.

TRANSPORT AND ASSEMBLY
Transport: 1 x 40' O.T. + 3 x 40' Box
Weight: 14.8 tons
Ride Assembly Time: 10-12 days

AVAILABILITY
Park model

CRAZY POTS / PARK MODEL
1 MAIN PLATE + 3 EMBEDDED PLATES

DIMENSIONS*
Footprint: Ø 14 meters / 45'11"
Height (ride centre object): 3 meters / 9'10"
**Sizes can be modified at special request*

CAPACITY
Pots: 9 or 12
Seats: 45 or 60 (2 adults + 3 kids per Pot)
Estimated Hourly Capacity: 900 or 1200 pph
Minimum Rider Height: kids under 100 cms must be accompanied by an adult
Suggested Ride Cycle: 120 + 60 seconds

POWER REQUIREMENTS
City Line Connection: 35 kw approx.

TRANSPORT AND ASSEMBLY
Transport: 3 x 40' O.T.
Weight: 18 tons
Ride Assembly Time: 10-12 days

AVAILABILITY
Park model



DIVIN' DOLPHINS

THEMED CIRCULAR INTERACTIVE RIDE

We made a new design for this evergreen ride: 2 extra seats! A lap bar in each car protects the riders and a roof can be added to protect them from the sun and rain. The ride structure can be themed in different ways using the same steel frame for the cars.

RIDE DESCRIPTION

The ride consists in a rotating centre onto which 12 arms (working with compressed air) are attached. Riders can control the up & down movements of each arm by pressing a button on the cockpit of their car. In the centre there is a fiberglass decoration. The ride can be operated manually or automatically. Various light packages are available as an option. Flying in circles while the arms lower and lift makes kids feel as if they are in a fairy tale.



FLYING BIRDS AND TOADS



FLYING ELEPHANTS

FLYING ANIMALS

VARIOUS THEMES ARE POSSIBLE PARK MODEL

DIMENSIONS*

Footprint: Ø 15 meters / 49'3"

Height (dynamic): 2.75 meters / 9'

**Sizes can be modified at special request*

CAPACITY

Cars: 12

Seats: 24

Estimated Hourly Capacity: 360 pph

Minimum Rider Height: kids between 90-120 cms must be accompanied by an adult

Suggested Ride Cycle: 150 + 90 seconds

POWER REQUIREMENTS

City Line Connection: 43 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 2 x 40' O.T. + 1 x 40' flat (for big elephant)

Weight: 18 tons

Ride Assembly Time: 7-10 days

AVAILABILITY

Park, Self-Standing, Travelling model



A REAL AIR BATTLE!

Riders are involved in a sort of competition in shooting down their rivals, with the surviving plane being the winner.

The current version is equipped with the most updated components, but it still keeps the spirit of the first Telecombat. The result is a fantastic interactive ride where riders can:

- Control the lifting of the arm onto which their plane is attached;
- Control the vehicle rotation on its vertical axle;
- Shoot other vehicles that if hit, automatically stand-by for a few seconds (option).

The ride works with a PLC, which means that it can be operated both in the automatic or manual mode. Telecombat is available in various capacities.



TELECOMBAT

OR "AVIATOR": THE FIRST RIDE
MANUFACTURED BY FABBRI IN 1950

PARK MODEL



DIMENSIONS*

Footprint: Ø 16.4 meters / 53'10"

Height (static): 5.5 meters / 18'1"

Height (dynamic): 7 meters / 22'11"

**Sizes can be modified at special request*

CAPACITY

Cars: 12 / 14 / 16

Seats: 24 / 28 / 32

Estimated Hourly Capacity: 576 / 672 / 768 pph

Minimum Rider Height: 130 cms

Suggested Ride Cycle: 90 + 60 seconds

POWER REQUIREMENTS

City Line Connection: 60 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 1 x 40' O.T. + 1 x 40' box

Weight: 18 tons

Ride Assembly Time: 10 days

AVAILABILITY

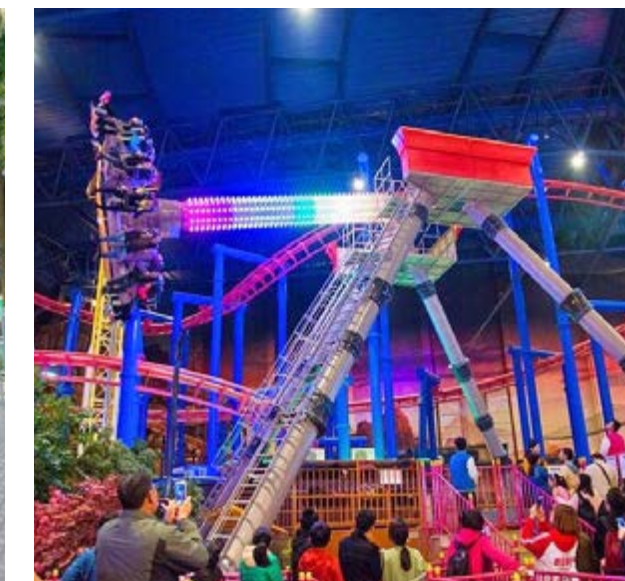
Park or Travelling model



PENDULUM RIDE
In Midi Explorer riders sit facing outwards and with their legs dangling; they fly in the air as the passenger unit constantly rotates at up to a max speed of 13rpm, and the arm oscillates up to a 110° angle with respect to the rest position.

MIDI EXPLORER

OUTDOOR AND INDOOR
PARK MODEL



DIMENSIONS*
Footprint: 12.85 meters / 42'2" x 10 meters / 32'10"
Height (static): 10.9 meters / 35'9"
Height (dynamic): 16.5 meters / 54'2"
<i>*Sizes can be modified at special request</i>
CAPACITY
Passenger Unit: 1
Seats: 16
Estimated Hourly Capacity: 320 pph
Minimum Rider Height: 130 cms
Suggested Ride Cycle: 120 + 60 seconds
POWER REQUIREMENTS
City Line Connection: 120 kw approx.
TRANSPORT AND ASSEMBLY
Transport: 3 x 40' O.T.
Weight: 23 tons
Ride Assembly Time: 12-15 days
AVAILABILITY
Park model



FAMILY SWINGING RIDE

Corsair was the first swinging ride sold in the market and became successful thanks to the classic “pirate” theming. Dozens of units have been sold world-wide making it one of the most popular rides in the world.

The ride consists of four columns converging at the top where two swinging arms are connected by means of swinging bearings. To the other end of the arm a ship-shaped vehicle with 8 rows of 5 seats is fixed. Passengers’ safety is guaranteed by individual lap bars.

The thrills of this ride are generated by the gravity acceleration: the very simple pendulum effect happens even without a counterweight and swings the ship from left to right making a max. angle of 70°. The passengers are seated in such a way that they swing forward and backward. Corsair is a typical family ride and ride cycles can have different lengths.



CORSAIR

OUTDOOR AND INDOOR
PARK MODEL

40-SEATER MODEL

DIMENSIONS*

Footprint: 24.5 meters / 80'5" x 11 meters / 36'1"

Height (static): 13.5 meters / 44'3"

Height (dynamic): 15.6 meters / 51'2"

**Sizes can be modified at special request*

CAPACITY

Seats: 40 (8 rows of 5 passengers)

Estimated Hourly Capacity: 800 pph

Minimum Rider Height: 130 cms

Suggested Ride Cycle: 120 + 60 seconds

POWER REQUIREMENTS

City Line Connection: 75 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 1 x 40' O.T + 2 x 40' box

Weight: 18.5 tons

Ride Assembly Time: 8-10 days

AVAILABILITY

Park or Travelling model

72-SEATER MODEL

DIMENSIONS*

Footprint: 29.5 m / 96'9" x 12 m / 39'4"

Height (static): 13.5 meters / 44'3"

Height (dynamic): 15.6 meters / 51'2"

**Sizes can be modified at special request*

CAPACITY

Seats: 72 (12 rows of 6 passengers)

Estimated Hourly Capacity: 1500 pph

Minimum Rider Height: 130 cms

Suggested Ride Cycle: 120 + 60 seconds

POWER REQUIREMENTS

City Line Connection: 75 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 4 x 40' O.T.

Weight: 35 tons

Ride Assembly Time: 8-10 days

AVAILABILITY

Park or Travelling model





EDUTAINMENT RIDE, SUITABLE FOR BOTH INDOOR AND OUTDOOR USE
This family ride makes for a journey into space where kids (and parents) sit together in planet-shaped cars that revolve around the central sun-shaped element while moving up and down. As an option, the ride can be equipped with an audio system producing space sounds and the park can choose to work with VR-goggles to provide extra info.

SOLAR SYSTEM THEMING:
8 planets turning around the Sun. They are: Earth, Mercury, Neptune, Uranus, Mars, Jupiter, Saturn and Venus.

COPERNICUS

EDUTAINMENT RIDE
PARK MODEL



DIMENSIONS*
Footprint: Ø 11 meters / 36'1"
Height: 4.05 meters / 13'3"
**Sizes can be modified at special request*

CAPACITY
Cars: 8
Seats: 32 (2 kids + 2 adults)
Estimated Hourly Capacity: 640 pph
Minimum Rider Height: 100 cms
Suggested Ride Cycle: 120 + 60 seconds

POWER REQUIREMENTS
City Line Connection: 50 kw approx.

TRANSPORT AND ASSEMBLY
Transport: 2 x 40' O.T.
Weight: 15 tons
Ride Assembly Time: 7-10 days

AVAILABILITY
Park model

SPECIAL ROTATIONS
This ride can be themed in many different ways, not necessarily being an octopus.
Riders are shuffled by several different movements: rotation of the central element, rotation of the satellites bearing the 4 cars, free spinning of each car, going up & down movement of the arms. A vibrant experience on one of the most beautiful rides ever!

- OCTOPUS MEANS:**
- High capacity
 - Beautiful water-themed design
 - Nice mix of movements
 - A family ride with a thrill
 - Eye-catching attraction
 - State-of-the-art light packages as an option
 - Customization opportunities
 - Low maintenance costs



OCTOPUS

A FUN TRADITIONAL FAMILY RIDE
PARK MODEL

DIMENSIONS*

Footprint: Ø 17.8 meters / 58'5"
Height (ride centre object): 6 meters / 19'8"
Height (dynamic, arms): 5 meters / 16'5"
**Sizes can be modified at special request*

CAPACITY

Cars: 20
Seats: 40
Estimated Hourly Capacity: 800 pph
Minimum Rider Height: 110 cms
Suggested Ride Cycle: 120 + 60 seconds

POWER REQUIREMENTS

City Line Connection: 60 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 2 x 40' O.T.
Weight: 25 tons
Ride Assembly Time: 10-15 days

AVAILABILITY

Park model



DANCING FLY

ALSO KNOWN AS 'HULLY GULLY' OR 'BALLERINA'

PARK MODEL

This ride is suitable for both outdoor and indoor locations and comes with various lighting packages.

It performs 4 movements:

- Rotation on its axis;
- Revolution on an eccentric axis;
- Lifting (tilting) up to 44 degrees;
- Swinging of the cars.

DIMENSIONS*

Footprint: Ø 13.5 meters / 44'4" x 16 meters / 52'6"
Height (dynamic): 5.50 meters / 18'1"

**Sizes can be modified at special request*

CAPACITY

Cars: 20
Seats: 40
Estimated Hourly Capacity: 800 pph
Minimum Rider Height: 110 cms
Suggested Ride Cycle: 120 + 60 seconds

POWER REQUIREMENTS

City Line Connection: 40 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 2 x 40' O.T.
Weight: 20 tons
Ride Assembly Time: 7-10 days

AVAILABILITY

Park or Travelling model



FERRIS WHEEL 14-8

14-METER-HIGH FERRIS WHEEL
WITH 8 OPEN GONDOLAS

PARK MODEL

A COMPACT WHEEL THAT CAN BE PLACED INDOORS AS WELL AS OUTDOORS

This wheel features nice open gondolas that can be easily themed. A balloon roof is possible as an option. The wheel has various options for light packages and its centre can be fitted with an HD LED display for text messages, videos and sponsorship opportunities.

DIMENSIONS*

Footprint: 12 meters / 39'4" x 6 meters / 19'8"
Height: 14 meters / 45'11"

**Sizes can be modified at special request*

CAPACITY

Gondolas: 8, open model
Seats: 48
Estimated Hourly Capacity: 320 pph
Minimum Rider Age: Under 8 years must be accompanied by an adult

POWER REQUIREMENTS

City Line Connection: 25 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 2 x 40' O.T.
Weight: 15 tons approx.
Ride Assembly Time: 2-4 days

AVAILABILITY

Park or Travelling model



FERRIS WHEEL 16-12

16-METER-HIGH FERRIS WHEEL
WITH 12 OPEN GONDOLAS
ONE COLUMN

PARK MODEL

DIMENSIONS*

Footprint: 15.3 m / 50'2" (W) x 5.5 m / 18'1" (D)

Height: 17.2 meters / 56'5"

**Sizes can be modified at special request*

CAPACITY

Gondolas: 12

Seats: 72

Estimated Hourly Capacity: 480 pph

Loading Bay: 1 gondola at a time

Minimum Rider Age: Under 8 years must be
accompanied by an adult

POWER REQUIREMENTS

City Line Connection: 45 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 4 x 40' O.T.

Weight: 20 tons

Ride Assembly Time: 7-10 days





AN AMAZING VERTICAL FAMILY RIDE

Airwaves is a new exciting swinging chairs ride. An innovative and dynamic vertical tower, combined with the most classic swing sensations for the fun of 24 riders at a time. Different heights available.

Passenger unit is lifted and always controlled by a steel cable winch. All seats are safely connected to the chains by a double safety restraint. The special positive and negative brake system guarantees safe operations.

Airwaves is equipped with an automatic FULL SAFE PLC that controls all safety functions of the ride including the ride cycle. The perfect attraction for panoramic views of the surrounding landscape!



AIRWAVES

A PANORAMIC CHAIR SWING RIDE
TRAVELLING MODEL

DIMENSIONS*

Footprint: Ø 15 meters / 49'3"

Height: 30 meters / 98'5"

**Sizes can be modified at special request*

CAPACITY

Cars: 12

Seats: 24

Estimated Hourly Capacity: 480 pph

Minimum Rider Height: 130 cms

Suggested Ride Cycle: 120 + 60 seconds

POWER REQUIREMENTS

City Line Connection: 80 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 4 x 40' O.T.

Weight: 30 tons

Ride Assembly Time: 5-7 days

AVAILABILITY

Travelling model





A 360-DEGREE ROLL-OVER

Turbo 360° is made up of a main column to which 2 arms are connected. Each arm has a vehicle on one end and a counter-weight on the other end. Passengers seat comfortably having individual over-the-shoulder bars and dangling legs.

Arms start moving in opposite directions from left to right, higher and higher till the vehicles reach the top position creating a roll-over of 360 degrees (no car spinning).

Turbo 360° comes with next-gen LED technology packages and nice decorations but most importantly, with an innovative stadium-like seating arrangement that enables all the riders to enjoy a nice view as they rotate.

TURBO 360°

A BRAND NEW RESTYLED RIDE
PARK MODEL

DIMENSIONS*

Footprint: 9 meters / 29'6" x 11.25 meters / 36'11"

Height (static): 13.60 meters / 44'7"

Height (dynamic): 19.50 meters / 64'

**Sizes can be modified at special request*

CAPACITY

Cars: 2

Seats: 16

Estimated Hourly Capacity: 320 pph

Minimum Rider Height: 130 cms

Suggested Ride Cycle: 120 + 60 seconds

POWER REQUIREMENTS

City Line Connection: 165 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 3 x 40' O.T.

Weight: 45 tons

Ride Assembly Time: 10 days

AVAILABILITY

Park or Travelling model





A "THRILLING" RIDE
The ride is made up of one arm with a counterweight on one end, and a 9m (30') round plate on the other end, made of a steel structure covered with chequered aluminium, which rotates both clockwise and counter-clockwise. The arm is fixed in an inclined position on the structure through a swinging bearing, and its rotation makes the plate tilt during its own rotation. Five 4-seater satellites are installed on the plate, and

rotate freely. These rotations are sudden and unpredictable as they depend on a number of variables such as arm and plate speed and accelerations, position and inclination of the plate in relation with arm and centre as well as passengers' weights. Both the direction and the rotation speed of plate and satellites can be either modified or inverted at any time. The plate can only rotate in the opposite direction of the arm, whereas the satel-

lites can rotate freely in any direction.

Movements:

- 360° rotation of the arm (clockwise/ counter-clockwise).
From 0 to 11 rpm max.
- 360° rotation of the plate (clockwise/counter-clockwise).
From 0 to 23 rpm max.
- 360° rotation of the satellites (clockwise/counter-clockwise).
Free spinning.



ECLIPSE

**A COMPACT AND POWERFUL RIDE
PARK MODEL**

DIMENSIONS*

Footprint: 19.2 meters / 63' x 19.2 meters / 63'

Height: 9.4 meters / 30'10"

**Sizes can be modified at special request*

CAPACITY

Cars: 5

Seats: 20

Estimated Hourly Capacity: 280 pph

Minimum Rider Height: 130 cms

Suggested Ride Cycle: 90 + 60 seconds

POWER REQUIREMENTS

City Line Connection: 150 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 3 x 40' O.T.

Weight: 30 tons

Ride Assembly Time: 10-12 days

AVAILABILITY

Park or Travelling model





HORIZONTAL & VERTICAL ROTATIONS

The ride is made up of three inclined columns converging on top, where a rotating arm is connected by means of two swinging bearings. On one side of the arm a counterweight is fixed, while on the other side is a circular gondola featuring 24 seats divided into 12 sections of two seats each.

By means of a DC motor, the arm swings until it makes a complete 360° rotation while the gondola rotates up to the max. speed of 12 rpm. During its descent, the arm reaches a speed which is much higher than the force of gravity and which, added to the rotation of the gondola, leads riders to experience the thrills given by a 4.0 G force.

MOVEMENTS OF THE RIDE

- 360° rotation of the arm
- Rotation of the gondola
- Looping of the passengers (upside down)

The passengers sit down one next to the other facing inwards and with their feet on the gondola floor. All passengers are safely seated using an over-the-shoulder bar with double restraints.



VOYAGER

A CRAZY GOOD MIX OF MOVEMENTS
PARK MODEL

DIMENSIONS*

Footprint: 14.60 meters / 47'11" x 11.70 meters / 38'5"

Height: 17 meters / 55'9"

**Sizes can be modified at special request*

CAPACITY

Cars: 12

Seats: 24

Estimated Hourly Capacity: 480 pph

Minimum Rider Height: 130 cms

Suggested Ride Cycle: 120 + 60 seconds

POWER REQUIREMENTS

City Line Connection: 120 kw approx.

TRANSPORT AND ASSEMBLY

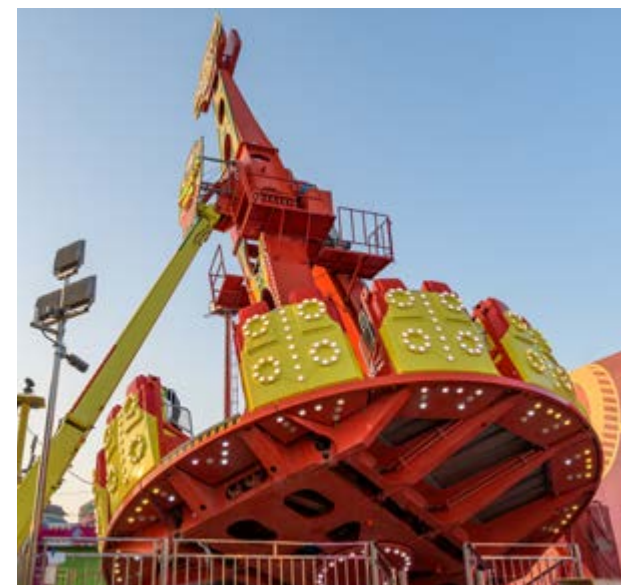
Transport: 2 x 40' O.T.

Weight: 28 tons

Ride Assembly Time: 7-10 days

AVAILABILITY

Park or Travelling model



ROTATIONS WITH ELEVATIONS

The ride is made up of a 13.5 m (44'4") round steel base frame fixed to concrete foundations, with an inclination of 7° and covered with chequered aluminium plate, which rotates both clockwise and counter-clockwise. 4 satellites are mounted on it, each one holding 4 cars. The satellites can only rotate in the opposite direction with reference to the platform, whereas the cars can rotate freely. These rotations are sudden and unpredictable as they are the result of a number of variables such as platform and satellite speed and acceleration, position and inclination of each car in relation with platform and satellites as well as passengers' weights. Upon request, the 4 satellites can be installed on 4 arms, which will be hydraulically elevated two by two; cars will then rotate about 3 meters above the platform surface. Both the direction and the rotation speed of platform and satellites can be either modified or inverted at any time.

MOVEMENTS

- Rotation of the platform (clockwise and counter-clockwise). Speed: from 0 to 12 rpm
- 360° rotation of the satellites (clockwise and counter-clockwise). Speed: from 0 to 24 rpm
- 360° rotation of the cars (clockwise and counter-clockwise). Free spinning
- arms elevation to 20° in approx. 15 seconds (option)



VIDEO



MAGIC DANCE

ONE OF THE MOST SUCCESSFUL RIDES EVER
PARK MODEL



DIMENSIONS*

Footprint: 18 meters / 59' x 20 meters / 65'7"

Height: 7.5 meters / 24'7"

**Sizes can be modified at special request*

CAPACITY

Cars: 16

Seats: 32

Estimated Hourly Capacity: 640 pph

Minimum Rider Height: 130 cms

Suggested Ride Cycle: 120 + 60 seconds

POWER REQUIREMENTS

City Line Connection: 100 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 3 x 40' O.T.

Weight: 22 tons

Ride Assembly Time: 10 days

AVAILABILITY

Park or Travelling model





PENDULUM RIDE

The ride is made up by a pyramidal structure, whose corners are the 4 inclined columns that support the ride. The central column, also called vertical arm, supports the rotary centre at its lower end. The rotary centre comprises 6 radial arms that at their outer ends hold 6 gondolas with 5 seats each.

The passenger's unit revolves around the axis of the arm at a max speed of 13rpm; the arm oscillates around the horizontal axis of the hub with a 110° angle to the right and to the left with respect to the rest position.

Main movements:

- Rotation of the passenger unit
- Swinging of the arm making a 110-degree angle

EXPLORER

A CLASSICAL PENDULUM RIDE
PARK MODEL

DIMENSIONS*

Footprint: 18.40 meters / 60'4" x 15.4 meters / 50'6"

Height: 13.2 meters / 43'4"

**Sizes can be modified at special request*

CAPACITY

Cars: 6

Seats: 30

Estimated Hourly Capacity: 600 pph

Minimum Rider Height: 130 cms

Suggested Ride Cycle: 120 + 60 seconds

POWER REQUIREMENTS

City Line Connection: 230 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 2 x 40' O.T. + 1 x 40' flat rack

Weight: 45 tons

Ride Assembly Time: 10 days

AVAILABILITY

Park model



A CLASSIC RIDE

The high capacity of this ride helps understand its great success: so far, **over 150 units have been manufactured and sold all over the world.**

The ride is made up of a central column supporting two swinging arms. On one end of each arm a vehicle is fixed, while a counterweight is connected at the other end. The ride movement is very simple: the arms swing back and forth several times up to reaching the top height and build up momentum so as to perform full rotations.

The safety of the riders is guaranteed by over-the-shoulder bars and a double-locking system.



SATURNO

ONE OF OUR BEST-KNOWN RIDES
PARK MODEL

DIMENSIONS*

Footprint: 13.50 meters / 44'3" x 8.20 meters / 26'11"

Height: 17.60 meters / 57'9"

**Sizes can be modified at special request*

CAPACITY

Cars: 2

Seats: 32

Estimated Hourly Capacity: 640 pph

Minimum Rider Height: 130 cms

Suggested Ride Cycle: 120 + 60 seconds

POWER REQUIREMENTS

City Line Connection: 75 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 2 x 40' O.T

Weight: 18 tons

Ride Assembly Time: 5-7 days

AVAILABILITY

Park or Travelling model

BLAST OFF

A 4-MOVEMENT RIDE
PARK MODEL

DIMENSIONS*
Footprint: Ø 15 meters / 49'3"
Height: 5.8 meters / 19'
<i>*Sizes can be modified at special request</i>
CAPACITY
Cars: 12
Seats: 24
Estimated Hourly Capacity: 480 pph
Minimum Rider Height: 130 cm
Suggested Ride Cycle: 120 + 60 seconds
POWER REQUIREMENTS
City Line Connection: 75 kw approx.
TRANSPORT AND ASSEMBLY
Transport: 2 x 40' O.T.
Weight: 17 tons
Ride Assembly Time: 10 days
AVAILABILITY
Self-Standing Model



The ride consists of a rotating centre onto which three arms are attached. Each arm holds a satellite with 4 cars, and each car seat has an individual over-the-shoulder bar plus a safety belt for the safety of the passengers. A ride cycle starts with the rotation of the central structure at a speed of 9 rpm in a counter-clockwise direction; during this movement also the satellites start rotating clockwise at a max speed of 18 rpm, after which arms are lifted up hydraulically; cars are el-

evated while rotating and the riders are turned upside down at heights reaching 5.80 meters.

- 4 movements of the ride are:**
- 360° rotation of the centre (counter clockwise). Speed: from 0 to 9 rpm.
 - Main arm elevation bringing the cars at height
 - Satellites rotate clockwise with a max speed of 18 rpm
 - Cars turn passengers upside down

DRAGON FLY

A TYPICAL ROLL-OVER FAMILY RIDE
PARK MODEL

DIMENSIONS*
Footprint: 13.60 meters / 44'7" x 7.30 meters / 23'11"
Height: 7.3 meters / 23'11"
<i>*Sizes can be modified at special request</i>
CAPACITY
Cars: 1
Seats: 18
Estimated Hourly Capacity: 432 pph
Minimum Rider Height: 130 cms
Suggested Ride Cycle: 90 + 60 seconds
POWER REQUIREMENTS
City Line Connection: 80 kw approx.
TRANSPORT AND ASSEMBLY
Transport: 1 x 40' O.T. + 1 x 20' O.T.
Weight: 22 tons
Ride Assembly Time: 5-7 days
AVAILABILITY
Park or Travelling model



Dragon Fly is a typical roll-over ride suitable for the family. 18 passengers, all seated in a row and secured by safe and comfortable individual over-the-shoulder-bars, experience the rotations of the arms in both clockwise and anticlockwise directions combined with the free 360-degree spinning of the bench-inspired vehicle.

The riders have their legs dangling, which offers them more comfort. Dragon Fly is high in demand both by outdoor and indoor locations.



ROTATIONS MIXED WITH HIGH JUMPS

The strongest and fastest version of this type of attraction in the market! The ride performs fast rotations as the arms jump up and down making very nice patterns. Our long hydraulic cylinders and powerful compressors make for the longest arms, the tallest jumps, the strongest strokes and the best entertainment for riders. The suspended cars move freely and are parked with a brake to make the passenger exit and enter in a safe and quick way. The ride can be seen in many parks and is also present almost every year at the Oktoberfest in Munich, Germany. The ride is available in an 8-arm and 12-arm version.



VIDEO



SMASHING JUMP

PARK MODEL

8 ARMS

DIMENSIONS*

Footprint: Ø 16 meters / 52'6"

Height: 6.4 meters / 21'

**Sizes can be modified at special request*

CAPACITY

Cars: 8

Seats: 16

Estimated Hourly Capacity: 320 pph

Minimum Rider Height: 130 cms

Suggested Ride Cycle: 120 + 60 seconds

POWER REQUIREMENTS

City Line Connection: 160 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 3 x 40' O.T. + 1 x 40' H.C.

Weight: 16.5 tons

Ride Assembly Time: 10 days

AVAILABILITY

Park or Travelling model

12 ARMS

DIMENSIONS*

Footprint: Ø 17.5 meters / 57'5"

Height: 7.3 meters / 23'11"

**Sizes can be modified at special request*

CAPACITY

Cars: 12

Seats: 24

Estimated Hourly Capacity: 480 pph

Minimum Rider Height: 130 cms

Suggested Ride Cycle: 120 + 60 seconds

POWER REQUIREMENTS

City Line Connection: 210 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 4 x 40' O.T. + 1 x 40' H.C.

Weight: 18.5 tons

Ride Assembly Time: 12-15 days

AVAILABILITY

Park or Travelling model





A CLASSIC RIDE WITH GREAT POPULAR APPEAL

Aladdin's Ride is a traditional ride with a good capacity. It consists of 4 columns fixed to a concrete floor and two pairs of rotating arms that are connected to the columns by means of bearings. The arms hold up a 40-seater unit (the so-called "flying carpet") where riders sit facing sideways, so that when the carpet spins 360° around its vertical axis (forwards or backwards), they always maintain a position that is parallel to the ground. The drop phase of each rotation simulates a short free-fall with a nice G-force.

The ride features all the necessary safety controls and the lap bar restraints are electronically controlled. Different lighting packages are available, from white LEDs to multi-color LEDs.

ALADDIN'S RIDE

OUR FLYING CARPET RIDE
PARK MODEL



DIMENSIONS*

Footprint: 18 meters / 59'1" x 14.6 meters / 47'11"

Footprint (dynamic): 19 m / 62'4" x 9.9 m / 32'6"

Height: 8.6 meters / 28'3"

Height (dynamic): 11 meters / 36'1"

**Sizes can be modified at special request*

CAPACITY

Cars: 1 vehicle, 10 rows

Seats: 40

Estimated Hourly Capacity: 800 / 960 pph

Minimum Rider Height: 130 cms

Suggested Ride Cycle: 90 + 60 seconds

POWER REQUIREMENTS

City Line Connection: 90 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 3 x 40' O.T. containers

Weight: 36 tons

Ride Assembly Time: 7 days

AVAILABILITY

Park or Travelling model

A SUCCESSFUL RIDE IN THE RANGE OF FABBRI THRILL RIDES

The ride is made up of a central column and a slightly inclined arm that is attached at its upper end.

On one end of the arm are 3 or 4 satellites that have room for up to 4 riders each. Each satellite can spin freely. Reaching a G-Force over 3.5 G the seats will be blocked by a brake.

The ride starts with a swinging movement of the arm. After 4 movements to the left and 4 to the right, the arm reaches a vertical position with riders at 40 meters from the ground. At that point, the arm performs a full 360-degree rotation (freefall).

The ride is available both in a park and travelling version.

Photo Courtesy: John Derouw



INVERSION

PARK MODEL

DIMENSIONS*

Footprint: 18.1 meters / 59'5" x 21.1 meters / 69'3"

Height: 40 meters / 131'3"

**Sizes can be modified at special request*

CAPACITY

Cars: 4

Seats: 16

Estimated Hourly Capacity: 240 pph

Minimum Rider Height: 130 cms

Suggested Ride Cycle: 180 + 60 seconds

POWER REQUIREMENTS

City Line Connection: 280 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 4 x 40' O.T.

Weight: 48 tons

Ride Assembly Time: 10 days

AVAILABILITY

Park or Travelling model



THE ONE AND ONLY ORIGINAL BOOSTER



OUR ICONIC BOOSTER IS one of the most successful rides on the market. We manufactured the first unit in 2000, and since then we have built 100, selling them all over the world, operating in 20 different countries.

Booster combines extreme sensations and spectacular movements, and thanks to the height Boosters are often considered a landmark or eye-catcher especially when illuminated with newest led technologies. This ride has found its way on all important events, piers and festivals throughout the world and is a success for many amusement parks.

The ride has a very compact footprint and the perfect capacity for any type of amusement event. The ride has a loading/unloading position down in the station and while unloading one car the other car is parked in top at a height of 50 meters offering the guests a beautiful panoramic view. **Fabbri Group has been approached to manufacture the tallest Booster worldwide.**

FEATURES

Passengers are seated on vehicles back to back, with dangling legs. Each vehicle is equipped with shoulder bar closed by a double locking device. Vehicles can perform a 360° rotation and their variable speed can reach a max force of 4 G and almost 120 km/h. The smooth but strong accelerations have made this ride to a great success. While the arm is rotating the attached cars are swinging without making a loop. The accelerated arm rotation combined with a smooth swinging of the cars make this ride to a complete sensation. **The Booster is famous for its many repeat riders.**

AVAILABILITY	
TRAVELLING MODELS:	PARK MODELS:
• 27 meters, 8 passengers (page 67)	• 30 meters, 8 passengers (page 70)
• 40 meters, 8 passengers (page 68)	• 40 meters, 8 passengers (page 71)
• 50 meters, 16 passengers (page 69)	• 50 meters, 16 passengers (page 72)
	• 75 meters, 16 passengers (page 73)



BOOSTER 27-8

TRAVELLING MODEL

DIMENSIONS*
Footprint: 19 meters / 62'34" x 7.5 meters / 24'6"
Height: 27 meters / 88'58"
<i>*Sizes can be modified at special request</i>

CAPACITY
Cars: 2
Seats: 8
Estimated Hourly Capacity: 120 pph
Minimum Rider Height: 130 cms
Suggested Ride Cycle: 180 + 60 seconds

POWER REQUIREMENTS
City Line Connection: 85 kw approx.

TRANSPORT AND ASSEMBLY
Transport: 1 trailer + load
Weight: 27 tons + small load
Ride Assembly Time: 8 hours



BOOSTER 40-8

TRAVELLING MODEL

DIMENSIONS*
Footprint: 13.40 meters/ 43'96" x 8 meters / 26'
Height: 40 meters / 131'23"

**Sizes can be modified at special request*

CAPACITY
Cars: 2
Seats: 8
Estimated Hourly Capacity: 240 pph
Minimum Rider Height: 130 cms
Suggested Ride Cycle: 180 + 60 seconds

POWER REQUIREMENTS
City Line Connection: 110 kw approx.

TRANSPORT AND ASSEMBLY
Transport: 1 trailer + load
Weight: 41 tons
Ride Assembly Time: 8 hours



BOOSTER MAXXX

TRAVELLING MODEL

DIMENSIONS*
Footprint: 18.20 m / 59'7" x 10.75 m / 35'26"
Height: 50 meters / 164'

**Sizes can be modified at special request*

CAPACITY
Cars: 2
Seats: 16
Estimated Hourly Capacity: 240 pph
Minimum Rider Height: 130 cms
Suggested Ride Cycle: 180 + 60 seconds

POWER REQUIREMENTS
City Line Connection: 230 kw approx.

TRANSPORT AND ASSEMBLY
Transport: 2 trailers + truckload (entry, fences, lights)
Weight: 47 + 37 tons + small truckload
Ride Assembly Time: 8 hours



BOOSTER 30-8

PARK MODEL

DIMENSIONS*
Footprint: 4 meters / 59'7" x 6.5 meters / 35'26"
Height: 30 meters / 98'42"

**Sizes can be modified at special request*

CAPACITY
Cars: 2
Seats: 8
Estimated Hourly Capacity: 120 pph
Minimum Rider Height: 130 cms
Suggested Ride Cycle: 180 + 60 seconds

POWER REQUIREMENTS
City Line Connection: 110 kw approx.

TRANSPORT AND ASSEMBLY
Transport: 2 trailers + truckload
Weight: 22 tons
Ride Assembly Time: 3-5 days



BOOSTER 40-8

PARK MODEL

DIMENSIONS*
Footprint: 10 meters / 32'8" x 7.10 meters / 23'29"
Height: 40 meters / 131'23"

**Sizes can be modified at special request*

CAPACITY
Cars: 2
Seats: 8
Estimated Hourly Capacity: 120 pph
Minimum Rider Height: 130 cms
Suggested Ride Cycle: 180 + 60 seconds

POWER REQUIREMENTS
City Line Connection: 110 kw approx.

TRANSPORT AND ASSEMBLY
Transport: 3 x 40' O.T.
Weight: 25 tons
Ride Assembly Time: 5-7 days



BOOSTER 50-16

PARK MODEL

DIMENSIONS*
Footprint: 5 meters / 16'4" x 7.2 meters / 23'62"
Height: 50 meters / 164'
*Sizes can be modified at special request
CAPACITY
Cars: 2
Seats: 16
Estimated Hourly Capacity: 240 pph
Minimum Rider Height: 130 cms
Suggested Ride Cycle: 180 + 60 seconds
POWER REQUIREMENTS
City Line Connection: 240 kw approx.
TRANSPORT AND ASSEMBLY
Transport: 7 x 40' O.T.
Weight: 50 tons
Ride Assembly Time: 7-10 days



GIANT BOOSTER 75-16

PARK MODEL

DIMENSIONS*
Footprint: 15.3 meters / 50'2" x 16.8 meters / 55'12"
Height: 75 meters / 246'06"
*Sizes can be modified at special request
CAPACITY
Cars: 2
Seats: 16
Estimated Hourly Capacity: 240 pph
Minimum Rider Height: 130 cms
Suggested Ride Cycle: 180 + 60 seconds
POWER REQUIREMENTS
City Line Connection: 465 kw approx.
TRANSPORT AND ASSEMBLY
Transport: 12 x 40' O.T.
Weight: 60 tons
Ride Assembly Time: 10 days



ZERO GRAVITY FALL

A RIDE FITTING ANY LOCATION



THE SCARY DROP series are the only type of attractions that generate **real free fall in zero gravity** under absolute safe conditions, thanks to the use of the **permanent magnetic brake technology**. Our success for these towers is that we managed to create a weightless feeling when freefall which creates this funny feeling in your stomach.



The Scary Drop come in different sizes and with different capacities serving the needs for all types of clients. Our most recent delivery was assembled on top of a five-star hotel at a height of 150 meters in Capetown, South Africa.

The passenger unit is lifted up to the top with steel cable winch, then released and pushed to the ground completely free falling. Special and very strong permanent magnetic brakes provide an additional sensation by decelerating the passengers at 5G. Through the fins mounted on both the ride passenger unit and



the tower structure the passengers unit will always brake and come to a smooth standstill also due to the shock absorbers assembled at the lower part of the tower.

Drop Towers are extremely safe, since the braking system is always active and not controlled by any electric and/or electronic device thus working also in the case of a power black-out. Magnetic brakes are made in Germany according to the most severest quality and safety standards.

SCARY DROP MEANS:

- Low maintenance cost
- No use of a pneumatic system which causes problems when the weather is cold
- Real 4G when drops
- Safest brakes in the world used: magnetic brakes with fins on the column and magnetic brake at the back of the seats
- Real freefall feeling (feeling of being weightless)
- Thrill ride combined with panoramic view
- Available in different heights and different capacities

AVAILABILITY

Park models are available in various sizes and capacities:

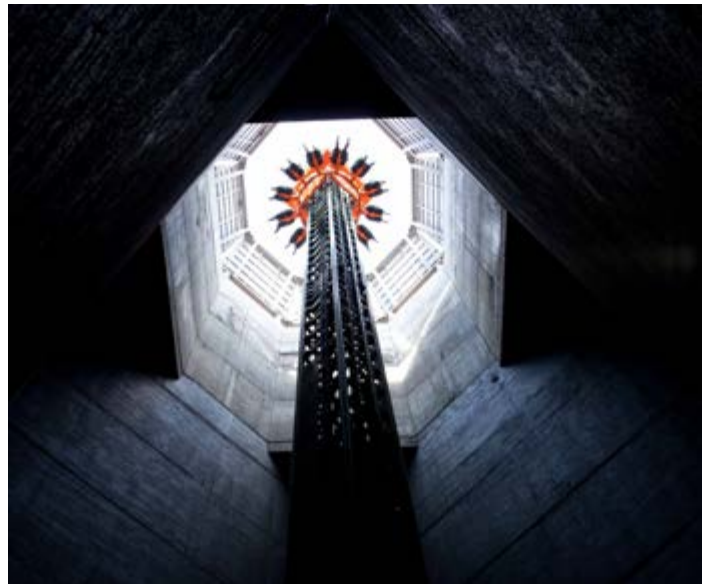
- 34 meters, 10 passengers (page 16)
- 40 meters, 12 passengers (page 76)
- 50 meters, 12 passengers (page 77)
- 60 meters, 12 passengers (page 78)
- 60 meters, 20 passengers (page 79)



SCARY DROP 40-12

PARK MODEL

DIMENSIONS*
Footprint: 12 meters / 39'4" x 15 meters / 49'3"
Height: 40 meters / 131'3"
<i>*Sizes can be modified at special request</i>
CAPACITY
Passenger Unit: 12 seats
Estimated Hourly Capacity: 240 pph
Minimum Rider Height: 130 cms
Suggested Ride Cycle: 180 + 60 seconds
POWER REQUIREMENTS
City Line Connection: 200 kw approx.
TRANSPORT AND ASSEMBLY
Transport: 5 x 40' O.T.
Weight: 35 tons
Ride Assembly Time: 10 days



SCARY DROP 50-12

PARK MODEL

DIMENSIONS*
Footprint: 12 meters / 39'4" x 15 meters / 49'3"
Height: 50 meters / 164'1"
<i>*Sizes can be modified at special request</i>
CAPACITY
Passenger Unit: 12 seats
Estimated Hourly Capacity: 240 pph
Minimum Rider Height: 130 cms
Suggested Ride Cycle: 180 + 60 seconds
POWER REQUIREMENTS
City Line Connection: 200 kw approx.
TRANSPORT AND ASSEMBLY
Transport: 6 x 40' O.T.
Weight: 40 tons
Ride Assembly Time: 10-12 days



SCARY DROP 60-12

PARK MODEL

DIMENSIONS*
Footprint: 14 meters / 45'11" x 22 meters / 72'2"
Height: 60 meters / 196'10"
<i>*Sizes can be modified at special request</i>
CAPACITY
Passenger Unit: 12 seats
Estimated Hourly Capacity: 240 pph
Minimum Rider Height: 130 cms
Suggested Ride Cycle: 180 + 60 seconds
POWER REQUIREMENTS
City Line Connection: 230 kw approx.
TRANSPORT AND ASSEMBLY
Transport: 7 x 40' O.T.
Weight: 45 tons
Ride Assembly Time: 12-15 days



SCARY DROP 60-20

PARK MODEL

DIMENSIONS*
Footprint: 14 meters / 45'11" x 22 meters / 72'2"
Height: 60 meters / 196'10"
<i>*Sizes can be modified at special request</i>
CAPACITY
Passenger Unit: 20 seats
Estimated Hourly Capacity: 360 pph
Minimum Rider Height: 130 cms
Suggested Ride Cycle: 180 + 60 seconds
POWER REQUIREMENTS
City Line Connection: 300 kw approx.
TRANSPORT AND ASSEMBLY
Transport: 7 x 40' O.T. + 1 x 40' H.C.
Weight: 53 tons
Ride Assembly Time: 20 days



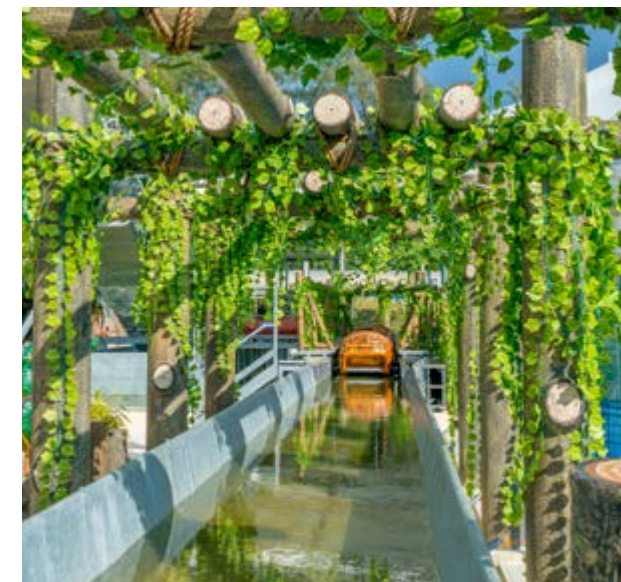


2 DROPS AND SPLASHES

The flume ride is a nice and adventurous track with two drops and splashes. Riders sit in log-themed boats moving through the water channels activated by pumps and transport belts to bring them up to a height of 10 meters.

RIDE DESCRIPTION

The path, consisting of two concentric interconnected rings, enables boats to navigate, driven by water flow produced by pumps. The station area features a motorized belt system placed just above the waterline, on which wire boats are transported. This way the boats lie on the same belt and are stable; passengers can get on and off while the boat runs alongside the station on the belt. Along the way there are two ramps (9 and 4.5 meters) that take the boats at height using a conveyor belt. Once they reach the top, the boats are free to travel by gravity down. The path ends with a plunge into the water channel followed by an exciting splashdown.



FLUME RIDE

LOG FLUME RIDE PARK MODEL

DIMENSIONS*

Footprint: 56 meters / 183' (L) x 26 meters / 61' (W)

Height: 9.5 meters / 31'2"

**Sizes can be modified at special request*

CAPACITY

Log Boats: 8

Seats: 32

Estimated Hourly Capacity: 480 pph

Minimum Rider Height: kids in between 100-130 cms must be accompanied by an adult

Suggested Dispatch Time: 35 seconds

POWER REQUIREMENTS

City Line Connection: 75 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 4 x 40' O.T. + 4 x 40' H.Q. + 2 x 40' box + 2 x 20' box

Weight: 55 tons

Ride Assembly Time: 20 days

AVAILABILITY

Park model



SPLASH & WILD RIVER RAFTING

The Rapids Adventure is a standard model simulating a rafting adventure on a wild river.

The ride is an excellent family water ride as 4 passengers can sit in one round boat facing each other.

On the higher level, the channels are made of steel covered with fiberglass and a thin water film runs through them to speed up the boats. Boats make nice curves and twist once they are brought up by a conveyor belt.

On the lower level, we have steel galvanized channels where the boats, after having arrived in a splash, run through a wild water river simulated by strong pumps.

The ride can be custom themed and offers its passengers a really nice experience.

RAPIDS ADVENTURE

WHITewater THRILLS FOR THE WHOLE FAMILY
PARK MODEL



DIMENSIONS*

Footprint: 50.9 meters / 166'11" x 26.3 meters / 86'3"

Height: 7.5 meters / 24'7"

**Sizes can be modified at special request*

CAPACITY

Boats: 8

Seats: 32

Estimated Hourly Capacity: 480 pph

Minimum Rider Height: 130 cms

Suggested Dispatch Time: 35 seconds

POWER REQUIREMENTS

City Line Connection: 160 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 5 x flat racks + 8 x 40' O.T.

Weight: 85 tons

Ride Assembly Time: 25-30 days

AVAILABILITY

Park or Travelling model

FERRIS WHEELS

FROM 25 TO 45 METERS HIGH



AESTHETICALLY OVERSHADOWING though with a metal structure light and slim, the Ferris wheel is a new way to see the city. The modern conceived Ferris Wheel offers in fact a variety of opportunities to be discovered and exploited.

Our Ferris wheels in the 25 to 45 meters high category **(for go bigger, go to page 94 for Giant Wheels category)** make the perfect statement as a centerpiece for any kiddie land or any indoor or outdoor family entertainment centre. They feature up to 32 open cabins, hosting 6 passengers each.

A FABBRI WHEEL stands for a very strong structure that can last many years and does not need a lot of maintenance.

Our Ferris wheels are fully designed and built in our headquarters in Italy, all manufactured with steel structures and completed with fiberglass. The design provides a perfect passenger's experience due to its comfort offering high visibility to its passengers.

The design used for the structure including gondola types and LED technology used, together with the site of the wheel, determine the beauty and the success of the Ferris wheel.

It can be equipped with different cabins or gondolas at customer's request and could be completed with a steel base to simplify the installation avoiding any concrete foundations.

Wheels are a clever solution for showmen needing a small footprint and a light solution for wheels with a quicker set-up time. Any crane for build-up needed. Wheels have one main column instead of 4 and all spokes remain attached to the main column without ever being dismantled resulting in interesting time savings. The investment, thanks to the use of a

clever way of construction is far lower than a standard wheel with a comparable height. All is transported on one main trailer and a small transport.

Fabbri delivers a complete ride system including design, manufacturing, tests & certification, shipment, assembly, commissioning and training for your operators and management. Our company has an excellent service for spare parts and back up in the case of a client needing any help also remote by telecommunication.

Fabbri aims at the building of a long relationship with the client: we stand for a quality Wheel which is most of all safe and gives emotions to all its passengers and the public.

Fabbri Group is an ISO- 9001 certified company.

AVAILABILITY

Travelling versions

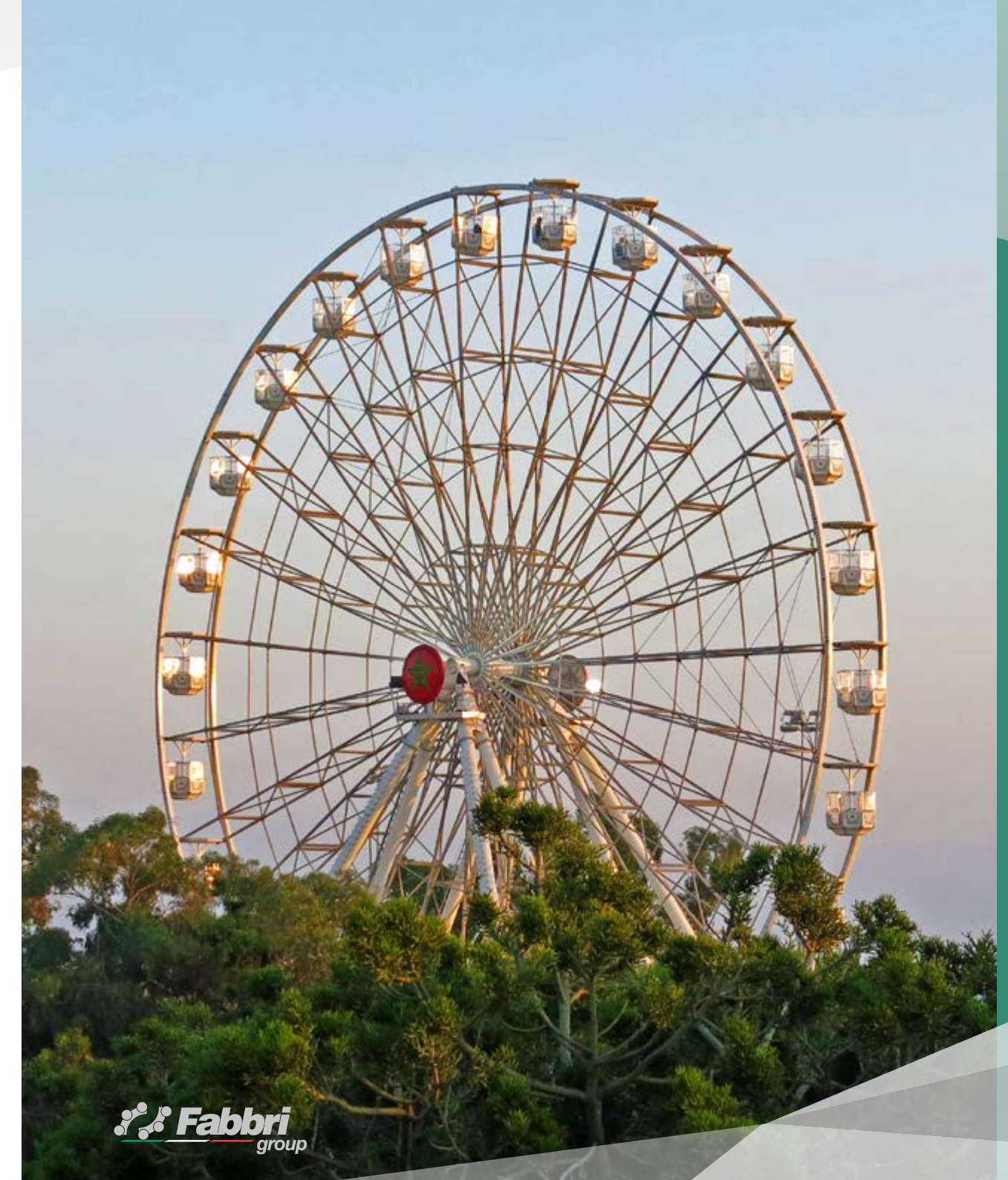
(also available with hinged columns on a steel base):

- 26 meters, 108 seats (page 86)
- 30 meters, 126 seats (page 87)
- 34 meters, 144 seats (page 88)
- 42 meters, 162 seats

Park models

(available on a galvanized steel base):

- 25 meters, 108 seats (page 89)
- 30 meters, 126 seats (page 90)
- 33 meters, 144 seats (page 91)
- 40 meters, 162 seats (page 92)
- 45 meters, 192 seats (page 93)



FERRIS WHEEL 26-18

26-METER-HIGH FERRIS WHEEL
WITH 18 OPEN GONDOLAS

TRAVELLING MODEL

DIMENSIONS*

Footprint: 17.8 meters / 58'44" x 5.8 meters / 19'

Height: 26 meters / 85'4"

**Sizes can be modified at special request*

CAPACITY

Gondolas: 18

Seats: 108

Estimated Hourly Capacity: 720 pph

Minimum Rider Age: Under 8 years must be accompanied by an adult

POWER REQUIREMENTS

City Line Connection: 55 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 2 semi-trailers

Weight: 34 tons

Ride Assembly Time: 10 hours, 5 persons



FERRIS WHEEL 30-21

30-METER-HIGH FERRIS WHEEL
WITH 21 OPEN GONDOLAS

TRAVELLING MODEL

DIMENSIONS*

Footprint: 17.35 m / 56'11" x 11.20 m / 36'92"

Height: 30 meters / 98'5"

**Sizes can be modified at special request*

CAPACITY

Gondolas: 21

Seats: 126

Estimated Hourly Capacity: 840 pph

Minimum Rider Age: Under 8 years must be accompanied by an adult

POWER REQUIREMENTS

City Line Connection: 70 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 3 semi-trailers

Weight: 78 tons

Ride Assembly Time: 10-12 hours, 5 persons



© Carlo Santangelo

FERRIS WHEEL 34-24

34-METER-HIGH FERRIS WHEEL
WITH 24 OPEN GONDOLAS
TRAVELLING MODEL

DIMENSIONS*

Footprint: 20 meters / 65'7" x 16 meters / 52'62"

Height: 34 meters / 111'7"

**Sizes can be modified at special request*

CAPACITY

Gondolas: 24

Seats: 144

Estimated Hourly Capacity: 900 pph

Minimum Rider Age: Under 8 years must be accompanied by an adult

POWER REQUIREMENTS

City Line Connection: 72 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 3 semi-trailers

Weight: 102 tons

Ride Assembly Time: 2 days, 5 persons



FERRIS WHEEL 25-18

25-METER-HIGH FERRIS WHEEL
WITH 18 OPEN GONDOLAS
PARK MODEL

DIMENSIONS*

Footprint: 16 meters / 52'6" x 11 meters / 36'

Height: 25 meters / 82'

**Sizes can be modified at special request*

CAPACITY

Gondolas: 18

Seats: 108

Estimated Hourly Capacity: 720 pph

Loading Bay: 3 gondolas at a time

Minimum Rider Age: Under 8 years must be accompanied by an adult

POWER REQUIREMENTS

City Line Connection: 55 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 3 x 40' O.T. + 3 x 40' box + 1 x 40' H.C.

Weight: 40 tons

Ride Assembly Time: 7 days



FERRIS WHEEL 30-21

30-METER-HIGH FERRIS WHEEL
WITH 21 OPEN GONDOLAS
PARK MODEL

DIMENSIONS*

Footprint: 16 meters / 52'6" x 12 meters / 39'4"

Height: 29.5 meters / 96'9"

**Sizes can be modified at special request*

CAPACITY

Gondolas: 21

Seats: 126

Estimated Hourly Capacity: 840 pph

Minimum Rider Age: Under 8 years must be accompanied by an adult

POWER REQUIREMENTS

City Line Connection: 66 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 5 x 40' O.T. + 4 x 40' H.C.

Weight: 65 tons

Ride Assembly Time: 8-10 days



FERRIS WHEEL 33-24

33-METER-HIGH FERRIS WHEEL
WITH 24 OPEN GONDOLAS
PARK MODEL

DIMENSIONS*

Footprint: 19 meters / 62'4" x 12 meters / 39'4"

Height: 33 meters / 108'3"

**Sizes can be modified at special request*

CAPACITY

Gondolas: 24

Seats: 144

Estimated Hourly Capacity: 900 pph

Minimum Rider Age: Under 8 years must be accompanied by an adult

POWER REQUIREMENTS

City Line Connection: 70 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 5 x 40' O.T. + 5 x 40' H.C.

Weight: 72 tons

Ride Assembly Time: 15-20 days



FERRIS WHEEL 40-27

40-METER-HIGH FERRIS WHEEL
WITH 27 OPEN GONDOLAS
PARK MODEL

DIMENSIONS*

Footprint: 21 meters / 68'11" x 16 meters / 52'6"

Height: 39.5 meters / 129'7"

**Sizes can be modified at special request*

CAPACITY

Gondolas: 27

Seats: 162

Estimated Hourly Capacity: 1,000 pph

Minimum Rider Age: Under 8 years must be accompanied by an adult

POWER REQUIREMENTS

City Line Connection: 80 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 8 x 40' O.T. + 5 x 40' H.C.

Weight: 85 tons

Ride Assembly Time: 20-25 days



FERRIS WHEEL 45-32

45-METER-HIGH FERRIS WHEEL
WITH 32 CABINS
PARK MODEL

DIMENSIONS*

Footprint: 24 meters / 78'9" x 20 meters / 65'7"

Height: 45 meters / 147'8"

**Sizes can be modified at special request*

CAPACITY

Cabins: 32

Seats: 192

Estimated Hourly Capacity: 1,200 pph

Minimum Rider Age: Under 8 years must be accompanied by an adult

POWER REQUIREMENTS

City Line Connection: 80 kw approx.

TRANSPORT AND ASSEMBLY

Transport: 15 x 40' O.T. + 5 x 40' H.C.

Weight: 94 tons

Ride Assembly Time: 25-30 days



GIANT WHEELS

FROM 50 TO 140 METERS HIGH



A **panoramic Giant Wheel** is the main attraction in an amusement park, or can be placed as a standalone ride being one of the most important tourist attractions of a city. This not only for its structural beauty but also for the panoramic view it offers over the city due to its height.

Many cities throughout the world acquire a Giant Wheel which invites tourists and public to take a ride and have a look over the city.

A **Giant Wheel is an excellent structure for promotion** and can be used as a perfect marketing instrument for city promotion. A screen in the wheel centre is a nice instrument to show different figures, videos and writings.

A good light package chosen for the Giant Wheel offers an impressive attraction on its own and a light show with different light effects, programs and patterns most of all during the night time.

Interest in Ferris wheels has grown dramatically in recent years, to the point where today models of considerable size more and more often become icons at temporary events in major cities or stand-alone permanent tourist attractions: **Fabbri Group boasts a division specializing in the manufacture and supply of Giant Wheels**, with a full range of portable and fixed models from 50 meters to 140 meters in height, designed according to the strictest quality and safety standards and able to withstand even extreme weather conditions.

Giant wheels represent a challenging type of wheel. We design and produce them giving the utmost care to the smallest detail and including technical im-

provements and innovations. For example, the main columns are round-shaped and the rotating structure features fewer spokes (two pods per spoke) so as to increase wind resistance.

Special axles are also used: they guarantee higher resistance to wind and seismic factors thanks to a one-of-a-kind patented innovation that allows us to spread stress in a proper way over the structure.

We provide a full service to help our customers develop their business with a giant wheel: we help them evaluate locations to ensure they choose the proper ones (high traffic areas with a continuous flow of visitors/tourists) and we offer a wide range of options – concerning for example the cabins, the loading/unloading station and the lighting – to customize the wheels according to their needs.

Last but not least we supervise the on-site assembly of each giant wheel and we offer after-sales technical support.

AVAILABILITY

Park models only

(available with foundations, self-standing or portable version):

- 53 meters, 36 cabins (page 96)
- 63 meters, 44 cabins (page 97)
- 85 meters, 40 cabins (page 98)
- 100 meters, 50 cabins
- 120 meters, 50 cabins
- 140 meters, 60 cabins



GIANT WHEEL 53-36

53-METER-HIGH GIANT WHEEL
WITH 36 ENCLOSED CABINS
PARK MODEL

DIMENSIONS*

Footprint: 26.2 meters / 86' x 17.4 meters / 57'
Height: 53 meters / 173'11"
**Sizes can be modified at special request*

CAPACITY

Cabins: 36/42
Seats: 216/252
Estimated Hourly Capacity: 1,250 pph
Loading Bay: 4 cabins at a time
Minimum Rider Age: Under 8 years must be accompanied by an adult

POWER REQUIREMENTS

City Line Connection: 100 kw approx.
(no airconditioning)

TRANSPORT AND ASSEMBLY

Transport: 20 x 40' O.T. + 10 x 40' H.C.
Weight: 190 tons
Ride Assembly Time: 30 days



GIANT WHEEL 63-44

63-METER-HIGH GIANT WHEEL
WITH 44 ENCLOSED CABINS
PARK MODEL

DIMENSIONS*

Footprint: 33 meters / 108'3" x 23 meters / 75'6"
Height: 60.3 meters / 197'10"
**Sizes can be modified at special request*

CAPACITY

Cabins: 44
Seats: 264
Estimated Hourly Capacity: 1,250 pph
Loading Bay: Continuous
Minimum Rider Age: Under 8 years must be accompanied by an adult

POWER REQUIREMENTS

City Line Connection: 120 kw approx.
(no airconditioning)

TRANSPORT AND ASSEMBLY

Transport: 25 x 40' O.T. + 10 x 40' H.C.
Weight: 262 tons
Ride Assembly Time: 120 days



GIANT WHEEL 85-40

85-METER-HIGH GIANT WHEEL
WITH 40 ENCLOSED CABINS

PARK MODEL

DIMENSIONS*

Footprint: 43 meters / 141'1" x 30 meters / 98'5"

Height: 85 meters / 262'6"

**Sizes can be modified at special request*

CAPACITY

Cabins: 40

Seats: 240

Estimated Hourly Capacity: 1,250 pph

Minimum Rider Age: Under 8 years must be accompanied by an adult

POWER REQUIREMENTS

City Line Connection: 190 kw approx.
(no airconditioning)

TRANSPORT AND ASSEMBLY

Transport: 40 x 40' O.T. + 1 x 40' H.C. + 9 x 40' O.T.

Weight: 480 tons

Ride Assembly Time: 120 days



ROOFTOP SOLUTIONS

A Rooftop Ferris Wheel

Our 85-meter Giant Wheel on top of E-DA Mall in Taiwan shows how you can turn a location into a successful tourist destination

The first Ferris wheel in history was built in 1893, on the occasion of the Universal Expo in Chicago. Over the centuries, the interest in this kind of attraction has never waned, and in the last 10-15 years the popularity of big wheels (the so-called 'giant wheels' or 'observation wheels') has been increasing dramatically.

Having a beautiful giant wheel permanently, for a few years or even just for certain events is today a must-have for many cities, whether these are capitals and metropolises (such as Dubai, Singapore, Orlando, or Las Vegas, whose huge wheels are permanent and record-breaking) or much smaller but ambitious towns.

When located strategically a giant wheel is a perfect tourist attraction. It becomes an instant landmark to the hosting city or event, whilst giving passengers previously unseen bird's eye views of the surroundings, and unique experiences.

In recent years, hotels and malls have also been discovering the potential of giant wheels, with wheels mounted on the roofs of luxury hotels and shopping centers. This is exactly the case of our outstanding 85-meter Giant Wheel installed on top of the E-DA Mall, which at a total height of 135m is a sort of lighthouse for the entire shopping and leisure precinct where the mall is located.

The synergy between entertainment and retail is strong, impactful, and profitable. In a mall, a giant wheel is a visitor magnet attracting people and increasing footfall and sales in stores.



GONDOLAS & CABINS

TO EACH CUSTOMER HIS OWN

Always combining design, safety and comfort, our cabins and gondolas are available in different versions and with many options: for example, they can be open, fully or partially enclosed, full-glazed, equipped with special LED RGB multicolour lights, heating and/or air-conditioning system, stereo system, mobile phone chargers and more. All our gondolas and cabins are fully customisable and are available in the VIP version.

OPEN OCTAGONAL GONDOLA WITH STANDARD ROOF



OPEN OCTAGONAL GONDOLA WITH BALLOON ROOF



OPEN ROUND GONDOLA WITH THEMED ROOF



OPEN GONDOLAS: passengers enjoy a panoramic view in the open air.

Open gondolas are perfect for small - to medium - sized Ferris wheels. The structure is compact and easy to move for the transportable models. The one with its unique hot-air balloon roof captures the attention thanks to its fully-customisable shape and bright colours. Gondolas are built from high-strength materials that do not have any special maintenance requirements. 6 seats.

SEMI CLOSED RECTANGULAR CABIN WITH MANUAL DOORS



STANDARD ENCLOSED CABIN



Enclosed or semi closed cabins provides passengers comfort and safety.

Cabins are ideal for medium to large Ferris wheels because the structure provides passengers comfort and safety, as well as protection from the wind. Large windows afford a splendid panoramic view. The doors are operated manually or automatically and are locked by a special handle on the outside. Fully customisable. The cabin is built from high-strength materials that do not have any special maintenance requirements. 6 seats.

FC6 ENCLOSED CABIN



THIS MODEL IS THE LATEST ADDITION TO OUR RANGE OF CABINS

It's the evolution of the standard enclosed cabin: the style has been updated with softer lines and enhanced lighting. The walls are fully-glazed for an **even more intense guest experience**. The doors can also be automated. 8 seats.

FC6 ENCLOSED VIP CABIN



FC6 CABINS ARE AVAILABLE IN THE VIP VERSION

The options are **customisable down to the smallest detail** and can include, for example, wood or glass bottom floor, leather seats, bar service, sliding tables, and stereo sound system. Very spacious, comfortable and with an incredible panoramic view.

GET IN TOUCH

GENERAL INQUIRIES
Ph. +39 0425805452
Email. info@fabbrigroup.com



GIANLUCA FABBRI

FC FABBRI
President, Sales Manager

gianluca@fabbrigroup.com



GIULIA NEGRI

FABBRI GROUP
Sales Support Manager

giulia@fabbrigroup.com



EDWARD 'BOY' CROMHEECKE

FABBRI GROUP
Vice President, Sales Manager

edward@fabbrigroup.com



LUCIANO ENG. BALZANO

GAS SRL
Technical Manager, After Sales & Service

luciano@fabbrigroup.com



GIANCARLO MANCA

FABBRI GROUP
Sales Manager

jcmanca@fabbrigroup.com



LUCA LAVEZZO

GAS SRL
Account Manager, After Sales & Service

luca.lavezzo@fabbrigroup.com



EXCELLENT COMPANIES, EXCELLING TOGETHER

FABBRI GROUP
Via dell'Artigianato, 198
45030 Calto (Rovigo) ITALY





WWW.FABBRIGROUP.COM