

ER COASTER

ROLLER COASTER



the
Art
of
Fun

GRAVITY ROLLER COASTER
LAUNCH COASTER



LAUNCH COASTERS: is a modern form of roller coaster initiates a ride with high amounts of acceleration powered by a LEM SYSTEM (Linear Eddy Current Motorized drive) in which there is no contact between the moving and the stationary parts .This mode of acceleration powers many of the fastest rollercoasters in the world and permit to have roller coaster also in the areas where there is not much available height. I.E.PARK launch coaster are characterized by an acceleration of up to 4.5g and the maximum speed is 17 m/s.



LOOPING COASTERS: characterized by an acceleration of up to 4,5 g; the maximum speed is 15 m/s and the track is designed with a mixed construction of 2 or 3 pipe sections. The height of this coaster is generally a minimum of 14 m. Trains of 3 or more cars and the seats are equipped with a hydraulic, multiple position shoulder restraint system. The breaking system utilises permanent magnets. The main characteristic of the track is the vertical loop, the minimum size of which is approximately 10 m diameter. This coaster uses a Plc controlled electrical system and custom designs are available. It is designed for the thrill seeking, family/adult market.



DRIFTER: is a new product from IE PARK srl, a high thrill, compact roller coaster, powered by the latest technology. LEM SYSTEM (Linear Eddy current Motorized drive). A single car with 8 or 12 seats is launched on the track, and at a certain speed, the vehicle starts drifting, until it spins completely. Passengers are seated in single seats equipped with a safety harness with triple fail system protection (equivalent to that used on looping coasters). The total cycle time is expected to be 3 minutes. The overall footprint size of the Drifter is 22,9x15,9 m.



WILD MOUSE: a wild mouse roller coaster is characterized by single cars that can accommodate four people and ride on top of the track, taking tight, flat turns (without banking) at modest speed, yet producing high lateral G-Forces. The track is characterized by many turns and bunny hops, producing abrupt negative vertical G-forces. The feeling of a Wild Mouse coaster is amplified by using cars that are wider than the track itself , giving impression that the riders are hanging of the side or that they might "fly out", thus giving it the name "wild". This family coaster is characterized by a lateral acceleration of 1.3 g and the maximum speed is 12m/s.



JR COASTERS: characterized by an acceleration up to 2,5 g; the maximum speed is 11 m/s and the track is designed with 2 pipes. The height of this coaster can vary, but generally requires 12 m. Trains of up to 6 cars and 24 seats in total are equipped with a single hydraulic, multiple position lap bar system. The breaking system utilises permanent magnets. The track has sudden and steep descents and a vortex custom design is available. It uses a Plc controlled electrical system and is suitable for all ages of children/family/adults.



ROLLY COASTERS: characterized by an acceleration up to 2,8 g; the maximum speed is 10 m/s and the track is designed with a mixed construction of 2 and 3 pipes. The height of this coaster can vary from 3.5 to 15 m or even more. Trains of up to 6 cars and 24 seats in total are equipped with a hydraulic, multiple position lap bar system, one on each row of passengers. The breaking system is utilises permanent magnets. The track has sudden and steep descents and a vortex. Custom design is available. It uses a Plc controlled electrical system and is suitable for all ages of children/family/adults.



MINIOTTO COASTERS: characterized by an acceleration up to 2 g; the maximum speed is 8 m/s and the track is designed with 2 pipes. The height of this coaster can vary from 4 to 8 m. Trains of up to 5 cars and 20 seats in total are equipped with a hydraulic, multiple position lap bar system, one on each row of passengers. The breaking system features either breaking wheels or permanent magnets. The track has sudden and steep descents and a vortex. Custom design is available. It uses a Plc controlled electrical system and is suitable for the children/family market.



SPIN COASTERS: the spinning coaster is a family thrill coaster that add a whole new twist to the traditional roller coaster experience in fact, unlike standard vehicles, the spinning vehicles are provided with back-to-back seats. The Spinning Coaster layouts are ideal for tight space requirements. The result is an extraordinary roller coaster ride in a reasonably small footprint. Each vehicle is equipped with four individual seats in a back-to-back seat arrangement. The spinning coaster are characterized by speed up to 10 m/s.



the
Art
of
Fun

IE PARK's worldwide reputation for creativity, flexibility, design, production skills, quality and service make it one of the most admired companies in the amusement industry.

IE PARK designs and manufactures indoor and for outdoor gravity roller coasters.

The current range of roller coasters consists of 2 and 3 pipe track designs.

All I.E. PARK roller coaster incorporate the most up-to-date technologies in construction control and safety in respect to international norms EN and ASTM-CSEI-GOST.

Particular consideration is given to low vibration and noise levels, the smooth linear flow of the roller coaster track and safety.

Permanent magnetic brakes permit the safest operation and low maintenance levels.

Roller coaster trains are equipped with adjustable lap bars depending on the various models.

Today the variety of roller coasters available is from 46 mt to 460 mt of track

with 38 different layouts which are constantly being expanded.

The acceleration (g-force) of IE Park roller coasters goes from a minimum of 1,8 g to a maximum of 4,5 g.

Classification:

LAUNCHCOASTER

LOOPCOASTER

DRIFTER

WILD MOUSE

JRCOASTER

SPINCOASTER

MINIOTTO

ROLLY



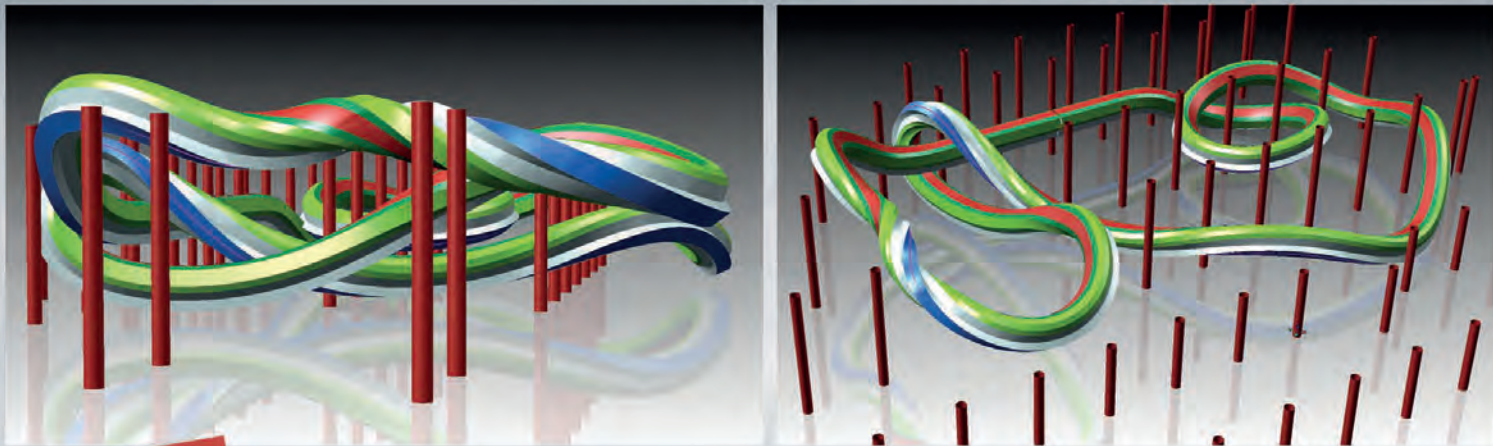
ROLLERCOASTER

(see back cover for technical classification of IEPARK's roller coasters).



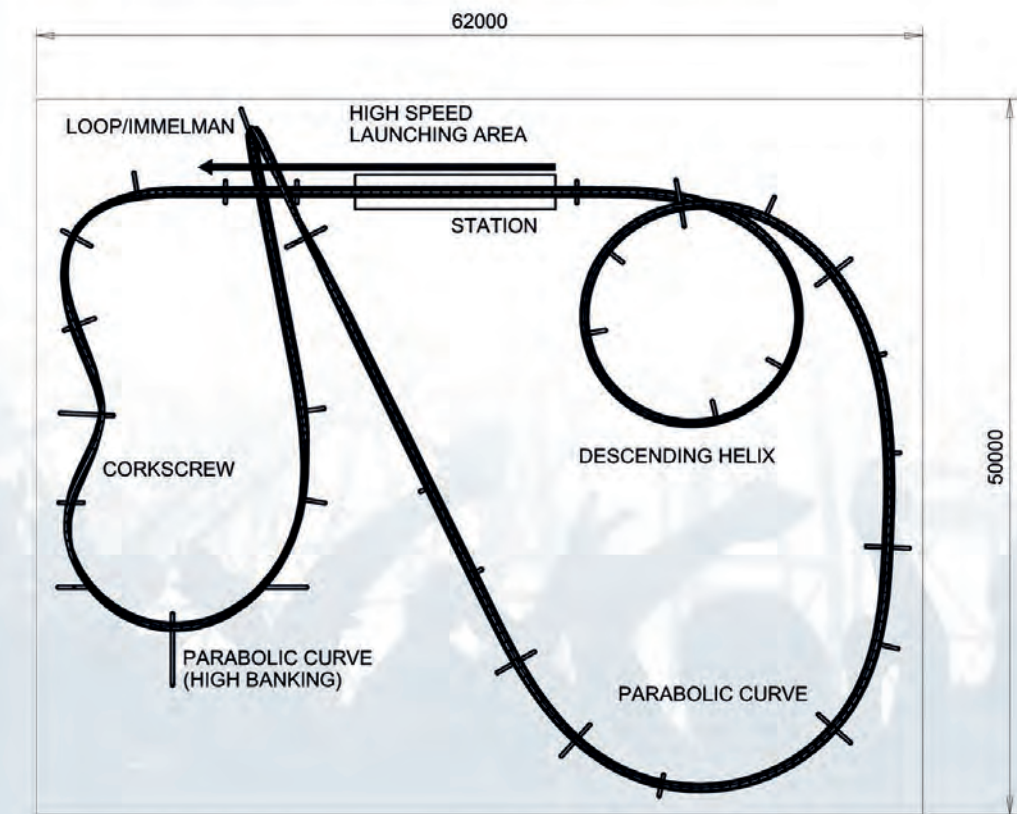
LOOP425

LAUNCH COASTER

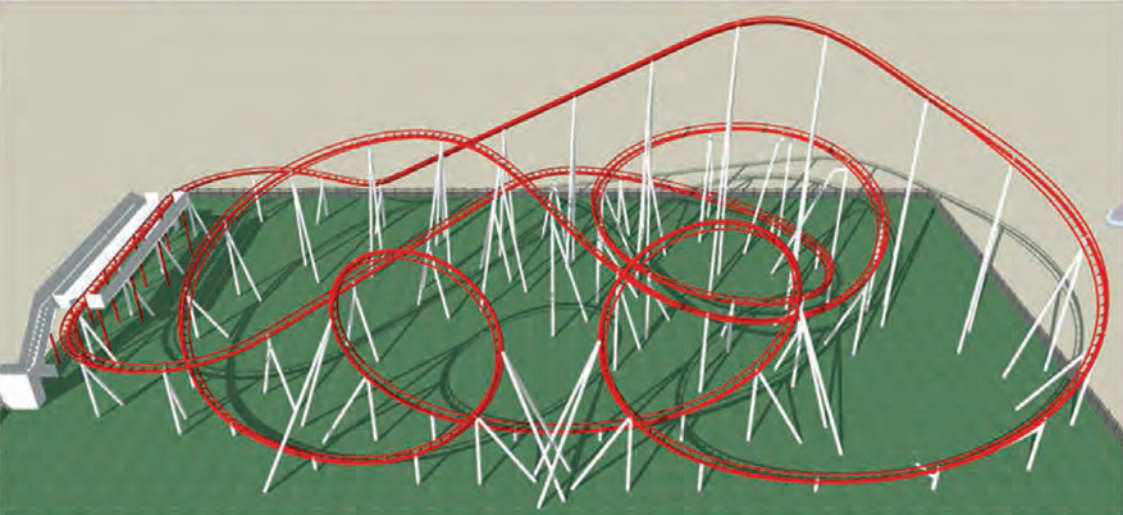
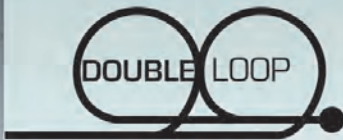


NEW
PRODUCT

K-LAUNCH295

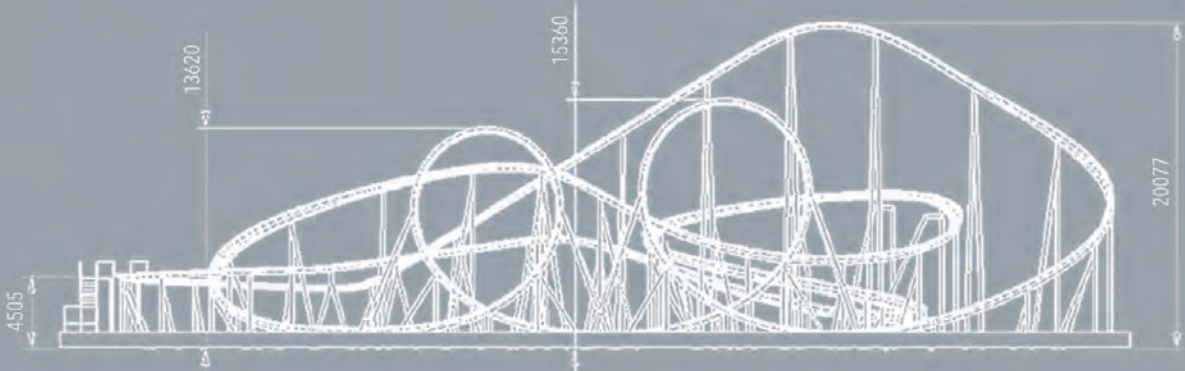
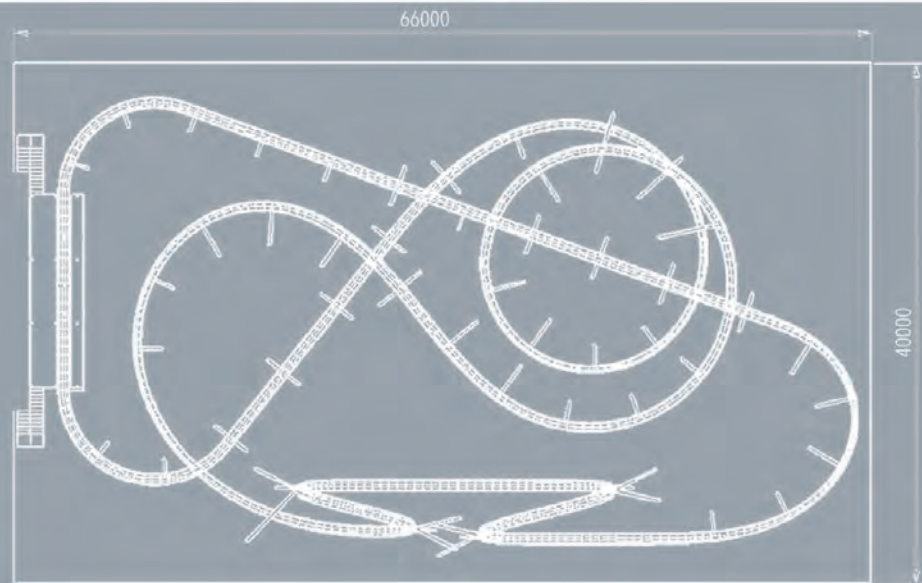


Track length: 295 m approx
Footprint: 62x50 m approx
Launching system: catapult motors
Launching speed: around 13,5-14 m/s
Max height of the track: 11 m (13 m with safety)
Number of inversions: 2 (corkscrew + Immelman)
Height of corkscrew (axis): 9,6 m from ground
Height of Immelman: 9,5 m from ground
Height of the station: 3 m from the track to ground
Max speed: 14 m/s (around 50 Km/h)
Acceleration max: around 3,5-4 g
Number of trains: 3 with 2 cars, 4 seats each



FORMULA 1

Footprint: 66x40 m approx
Height: 20,1 m
First loop height: 20 m
Second loop height: 15,4 m
Track length: 425 m
Max speed: 18 m/s (65 Km/h)
Acceleration max: 4,2 g
Run time: 75/80 s
Number of trains: 1 with 6 cars, 4 seats each



LOOP 395



SPORT



Footprint: 74x80 m approx

Height: 18,1 m

Loop height: 13 m

Track length: 395 m

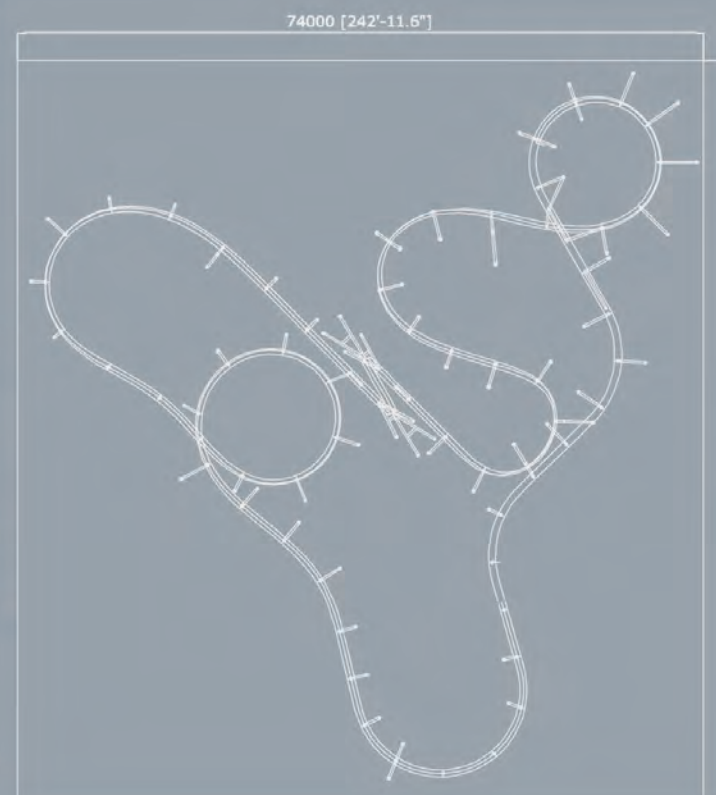
Max speed: 18 m/s

Acceleration max: 3,8 g

Run time: 90/100 s

Number of trains: 1 with 6 cars, 4 seats each

BY COURTESY OF
 مجموعة الحكير
 al hokair group
 (DHAHRAN MALL, KSA)





FACTORY TEST



SINGLE LOOP

LOOP 302

Footprint: 90x54m
Height: 10,6 m
Safety height: 12,6 m
Loop height: 9,6 m
Track length: 302 m
Max speed: 18 m/s
Acceleration max: 3,5 g
Run time: 75/80 s
Number of trains: 1 with 5 cars,
4 seats each



By courtesy of Galaxy Park - Jordan

LOOP 236

Footprint: 72x31,5 m
Height: 12,4 m
Safety height: 14,4 m
Loop height: 9,6 m
Track length: 236 m

Max speed: 13 m/s
Acceleration max: over 3 g
Run time: 75 s
Number of trains: 2 with 3 cars,
4 seats each

SINGLE LOOP



LOOP 370

UNDERGROUND MODEL

Footprint: 64x68,5 m
Height: 15 m (17,1 m including
safety envelope)
Height underground: -3,8 m
Loop height: 9,9 m
Speed: 18 m/s
Acceleration: 3,8 g
Run time: 90/100 s
Number of trains: 1 with 5 cars,
4 seats each 4 seats each

By courtesy of Ankapark - Turkey

DRIFTER MINI DRIFTER

DRIFTER / MINI DRIFTER HIGH ENERGY - SMALL AREA

DRIFTER 4.4 / 6.6



Drifter is a new product from IE PARK srl, a high thrill, compact roller coaster, powered by the ultimate technology of an LEM SYSTEM (Linear Eddy current Motorized drive). A single car of 8/12 seats is launched on the track and the car starts drifting and spinning. Passengers are seated in the car in single seats equipped with a safety harness with triple fail system protection (equivalent to that used on looping coasters). The total ride cycle time is expected to be 3 minutes. The overall footprint size is 22,9x15,9m (both versions include station).

With regard to the height of the ride, IE PARK has designed two kind of products: DRIFTER 4.4 (4,4 mt of required height) and DRIFTER 6.6 (6,6 mt of required height). This configuration allows the product to be considered for various kinds of shopping centre including those with a low ceiling profile.

Drifter has a self-standing base anchored to the floor by means of approximately 100 fishers/anchor points.

The overall dynamic load is approx. 800 kg/sq m, well distributed through the base and suitable for low floor capacity.

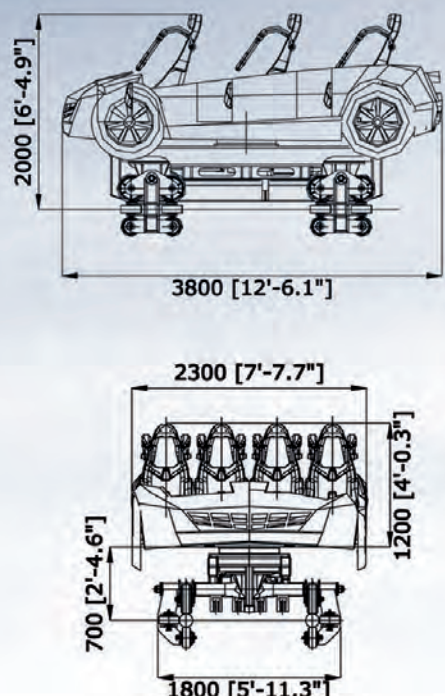
The total track size is approx. 56 m long, with two, semi-circular curves of 5 m radius and two straight sections of approx. 8 m each.

The height difference between curves and straight sections is 2.6 m. The ride is completed with an entry-exit station and perimeter fences. Structures and car colours are customizable.

The car always stops at the lowest point which coincides with the car station.

The total weight of the car is approximately 5100 kg with a full load of 12 riders, including the magnets (4200 kg when empty). Launch system of Drifter 4.4 / 6.6 includes 5 flywheels of 0,8 m diameter.

The total power consumption of the ride is 89kW. The regulation of the launch system is automatic based on the number of passengers and flywheel speed.



Drifter car with 12 seats



Minidrifter car with 8 seats

GENERAL INFO ABOUT LEM

It's a new patented solution for launchers and other types of drive for the fun ride industry. The LEM is a device capable of launching (or pushing or even braking) the cars in roller coasters.

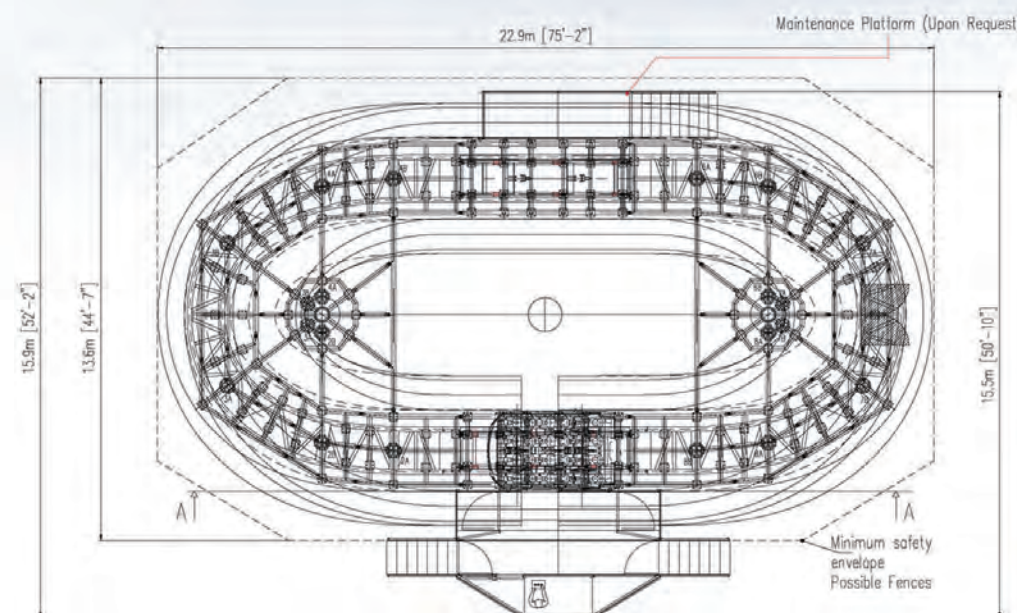
It has a behaviour quite similar to a linear asynchronous motor, in that there is no contact between the moving and the stationary parts and also because both can launch (or trim the speed of) vehicles passing at any speed without requiring synchronization.

The main difference is that the LEM accumulates energy into flywheels, so it does not require the peak of electrical power that's typical of linear motors.

The principle on which LEM is based is the same as for magnetic brakes: a conductor (aluminium or copper) passes in the magnetic field generated by permanent magnets.

If one is stationary and the other one is moving, eddy currents are generated in the conductor and a braking action occurs; if the conductor is moving at a higher speed than the magnet, the latter is pushed. The moving conductor, in the case of LEMs, is a disc turning on the same axis as a flywheel and a standard asynchronous motor; the motor will reaccelerate the disc after the launch, in order to launch the next vehicle, but the energy for launching is supplied in a very short time by the flywheel.

DRIFTER / MINI DRIFTER



DRIFTER 4.4 / 6.6

TECHNICAL DATA

Overall Dimension (in operation):

A 22,9 x 15,9 x 4,4 mt (L x W xH)

B 22,9 x 15,9 x 6,6 mt (L x W xH)

Weight of the structure:

20t - 196kN

Weight of the vehicle:

3,3t - 32,36kN

Maximum train speed:

8 m/sec

Capacity:

12 seats

180/240 passenger per hour

Boarding:

Simultaneous

Shipping Volume:

1x40' ot

ELECTRICAL DATA

Voltage:

3phase + neutral + earth
(230/400/415 V)

Frequency:

50/60 Hz

Motive Power:

60 Kw

Lighting:

N/A

Moving System:

Induction magnetic motors

Operation:

Automatic /Manual



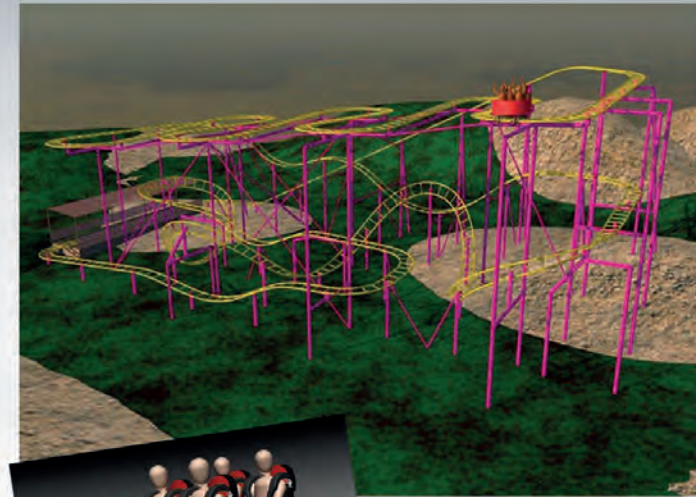
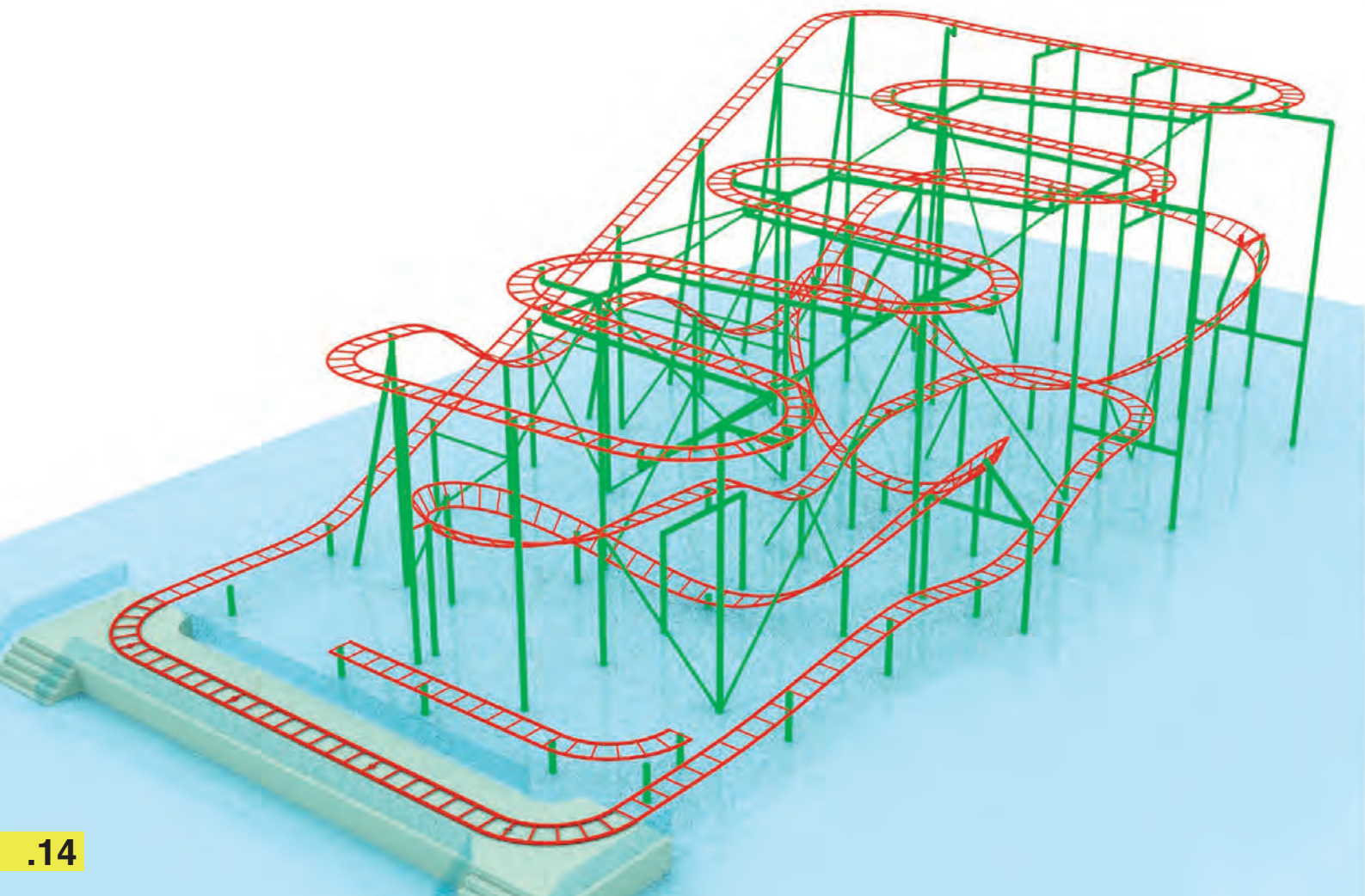
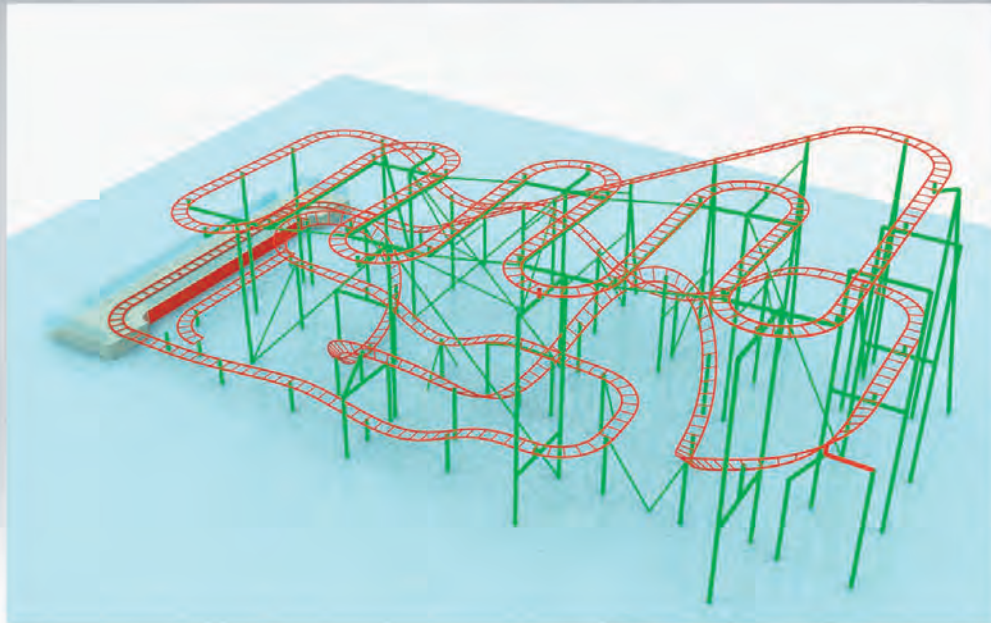


WILD MOUSE

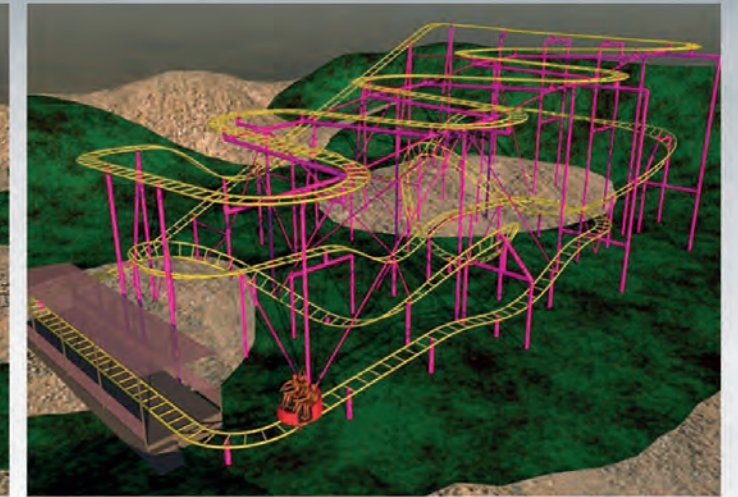
A Wild Mouse roller coaster is characterized by small cars that can accommodate four people and ride on top of the track, taking tight, flat turns (without banking) at modest speeds, yet producing high lateral G-forces.

The track is characterized by many turns and bunny hops, the latter producing abrupt negative vertical G forces.

The feeling of a Wild Mouse coaster is amplified by using cars that are wider than the track itself, giving the impression that the riders are hanging off the side or that they might fly out, thus giving it the name "wild".



PRELIMINARY CONCEPT



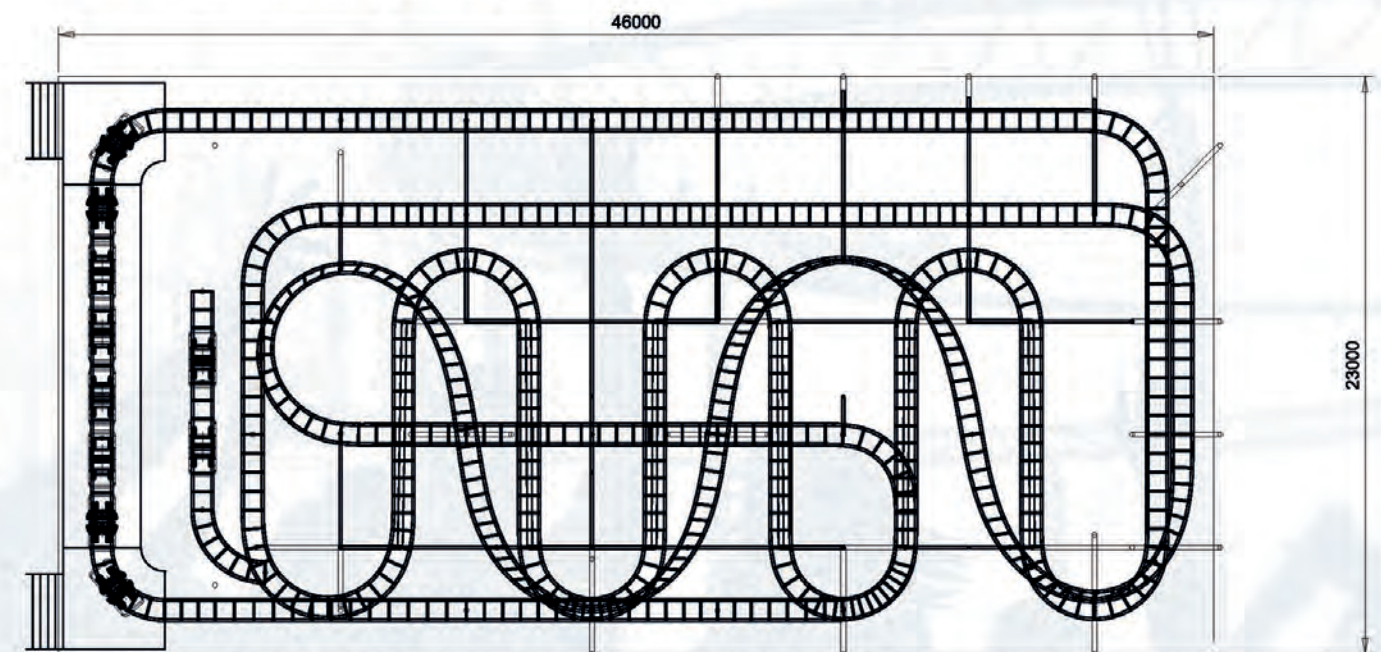
PRELIMINARY DESIGN CONCEPT

Footprint: 49x23 m

Height: 14,4 m (16,5 m including safety envelope)

Maximum speed: 11,5 m/s

Maximum lateral acceleration: 1,3 g





JR30

JR COASTER

TRAIN SPECIFICATIONS

Number of Coaches: 6
(including head coach)
Train Length: 12,7 m
Train Weight: 3515 Kg
Head Coach Weight: 690 Kg
Other Coach Weight: 565 Kg
Bracking system: permanent magnet

CAPACITY

Adults/Children: 24
Head Coach: 4
Other Coaches: 4

RIDE PERFORMANCE

Cycle time: 90 sec
Maximum train speed: 11 m/sec

ELECTRICAL SPECIFICATIONS

Voltage: 220/400/415 V AC
3 phases
Frequency: 50/60 Hz
Max power: 66 Kw

OPERATING SITE

MINIMUM DIMENSIONS

Length: 30 m
Width: 17 m
Height: 13,8 m

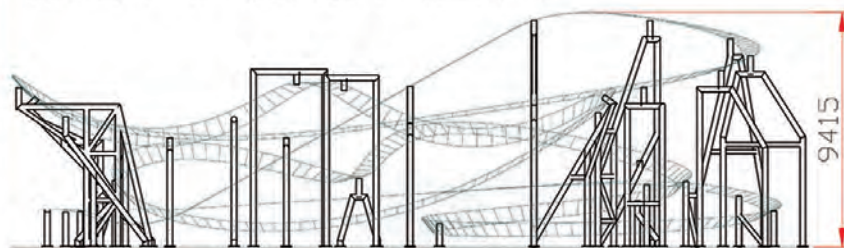


JR30S

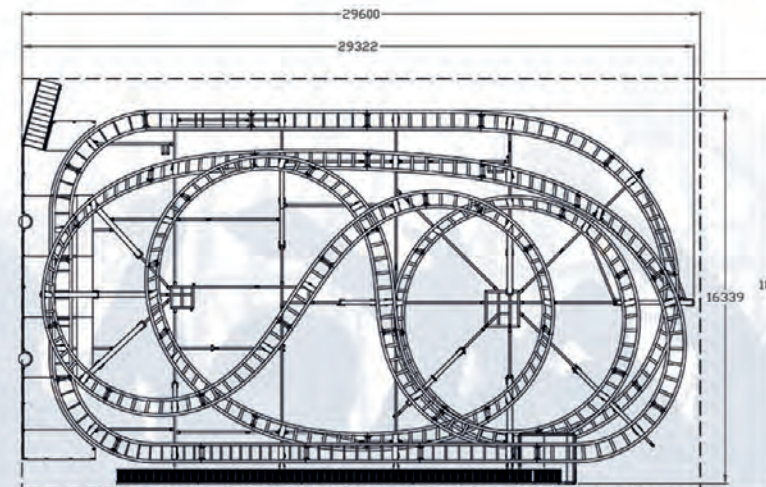


JR30C

CORKSCREW



Length: 32 m
Width: 19,6 m
Height: 9,4 m
(11.4 m including safety envelope)
Track length: 260 m

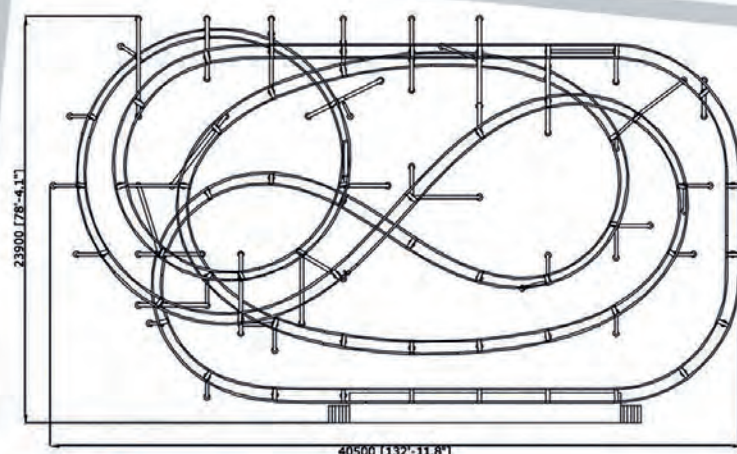


Length: 30 m
Width: 18 m
Height: 12 m (including safety envelope)
Weight: 754 Kn

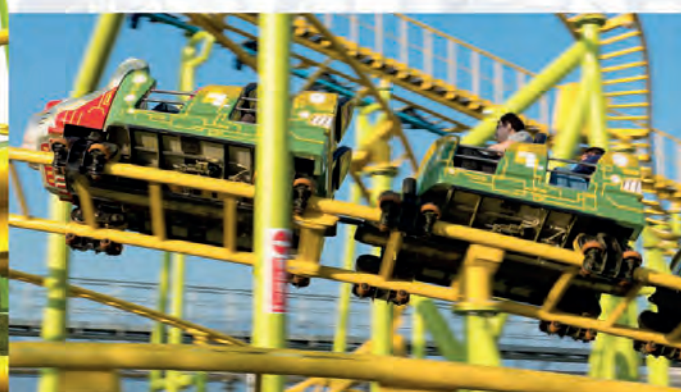


JR40

Length: 38 m
Width: 20 m
Height: 11,8 m
Safety Height: 13,8 m
Track Length: 270 m



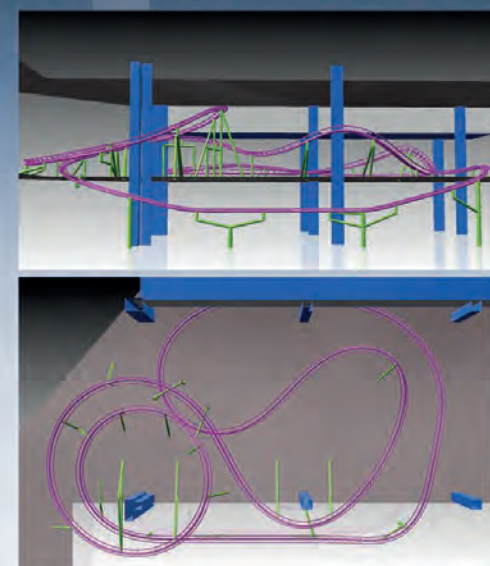
Length: 42 m
Width: 24 m
Height: 12 m
Safety Height: 14 m
Track Length: 270 m



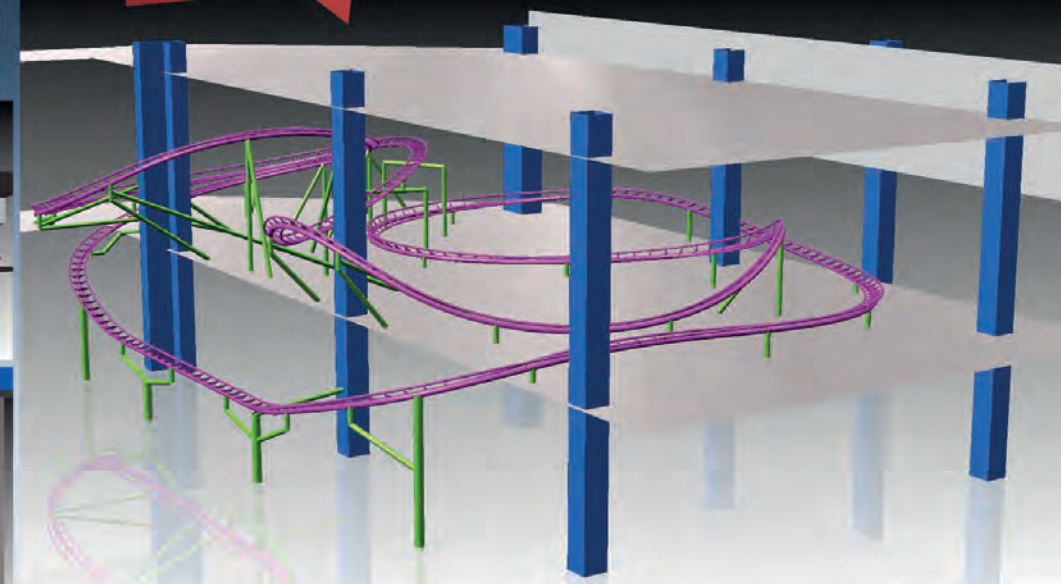
JR45

JR50

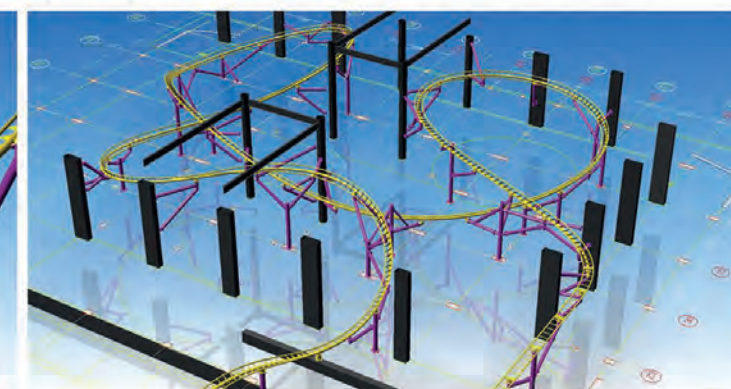
NEW
PRODUCT



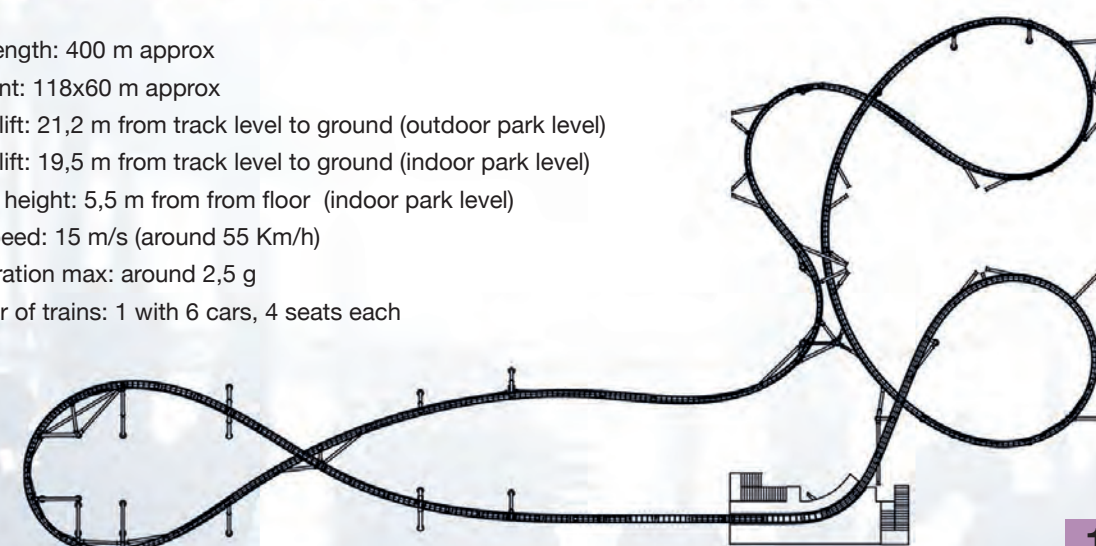
Length: 50 m
Width: 34,2 m
Height: 14,2 m (16,2 m including safety envelope)
Track length: 270m approx



JR120

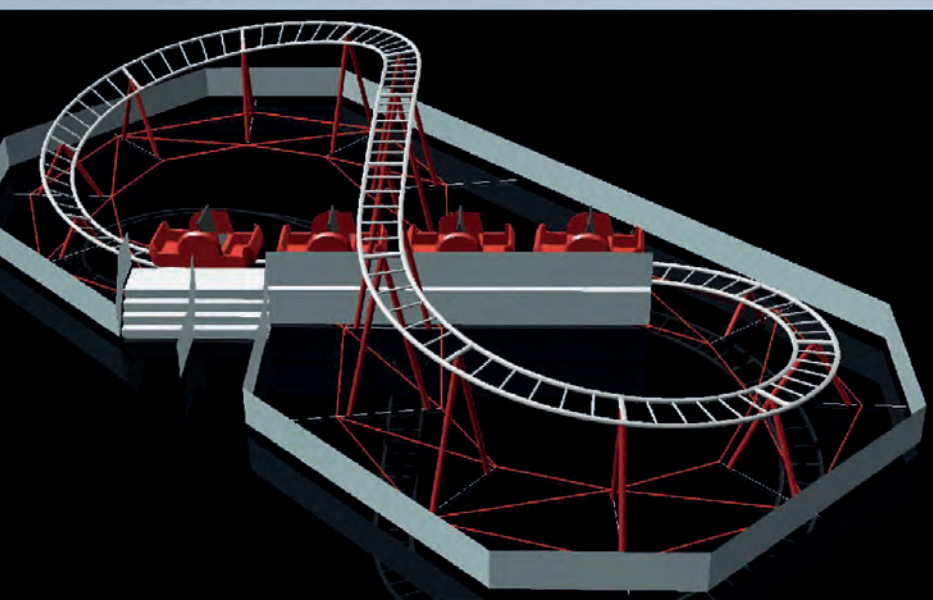


Track length: 400 m approx
Footprint: 118x60 m approx
Height lift: 21,2 m from track level to ground (outdoor park level)
Height lift: 19,5 m from track level to ground (indoor park level)
Station height: 5,5 m from floor (indoor park level)
Max speed: 15 m/s (around 55 Km/h)
Acceleration max: around 2,5 g
Number of trains: 1 with 6 cars, 4 seats each

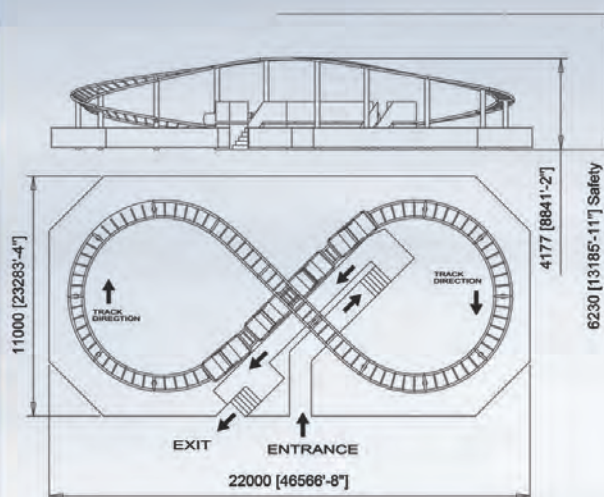


SPIN COASTER

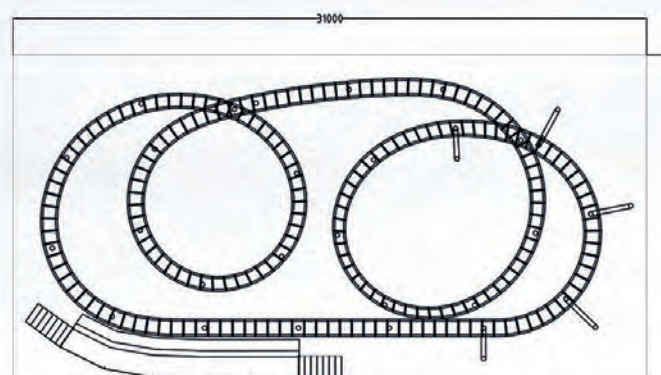
SC62



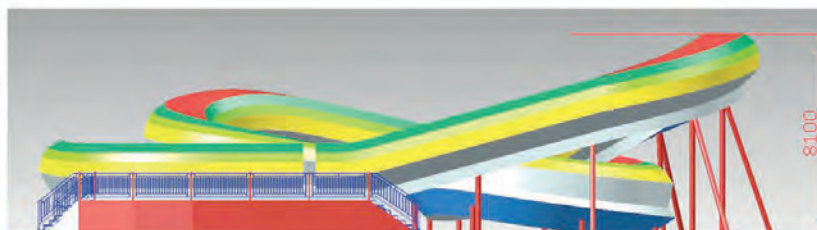
Length: 22 m
Width: 11 m
Height: 4,2 m
Safety height : 6,2 m
Max. speed : 7 m/s
Number of trains: 1 with 4 cars



SC130

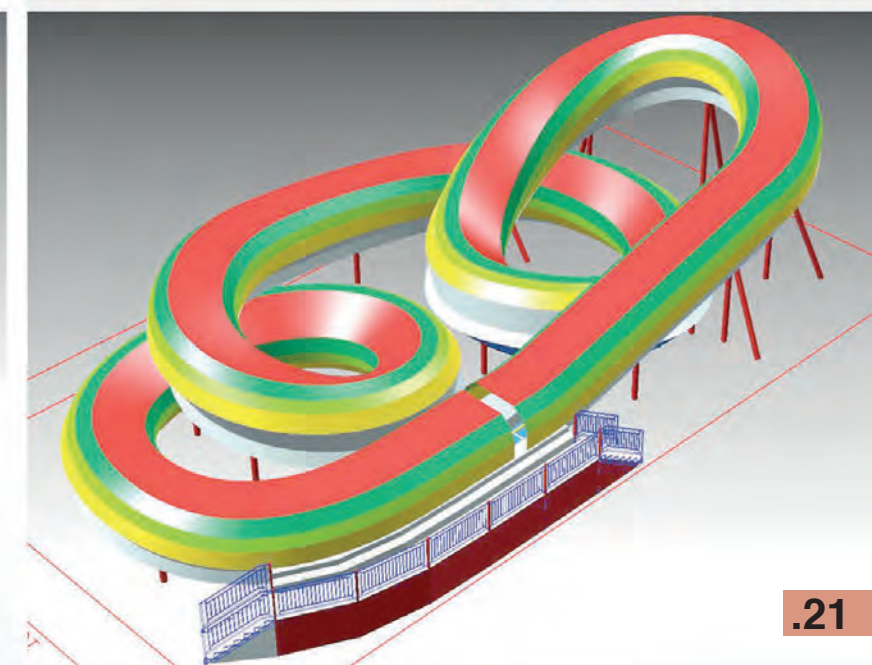
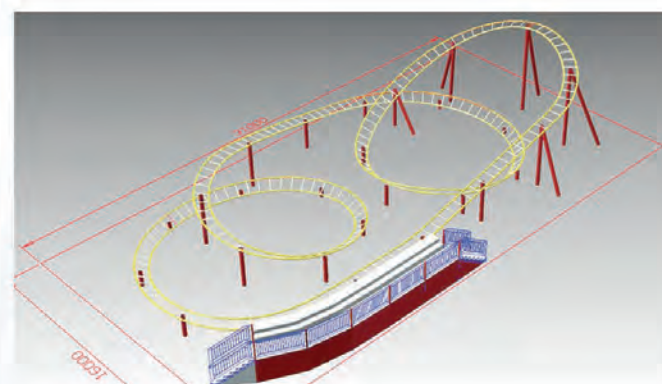
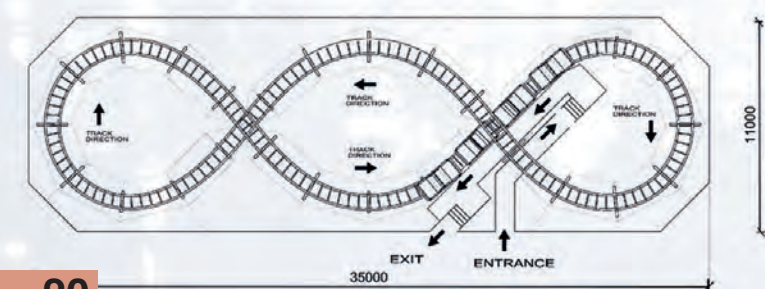


Length: 31 m
Width: 16 m
Height: 5,8 m
Safety height: 8,1 m



SC87

Length: 35 m
Width: 11 m
Height: 3,8 m
Safety height: 5,9 m
Number of trains: 1 with 4 cars



SPIN COASTER

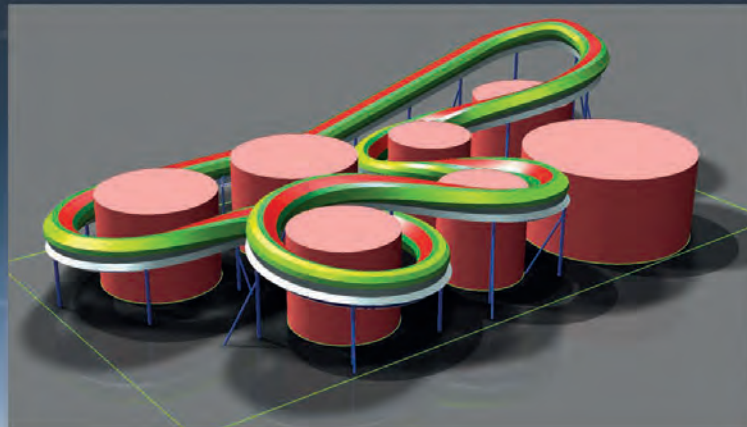
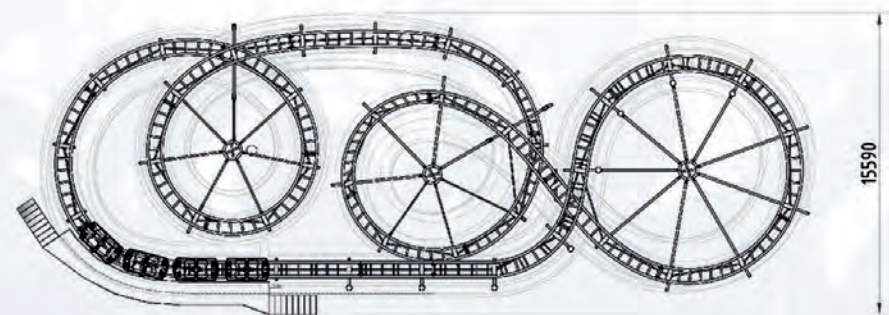


By courtesy of Onederland - Pakistan

SC155

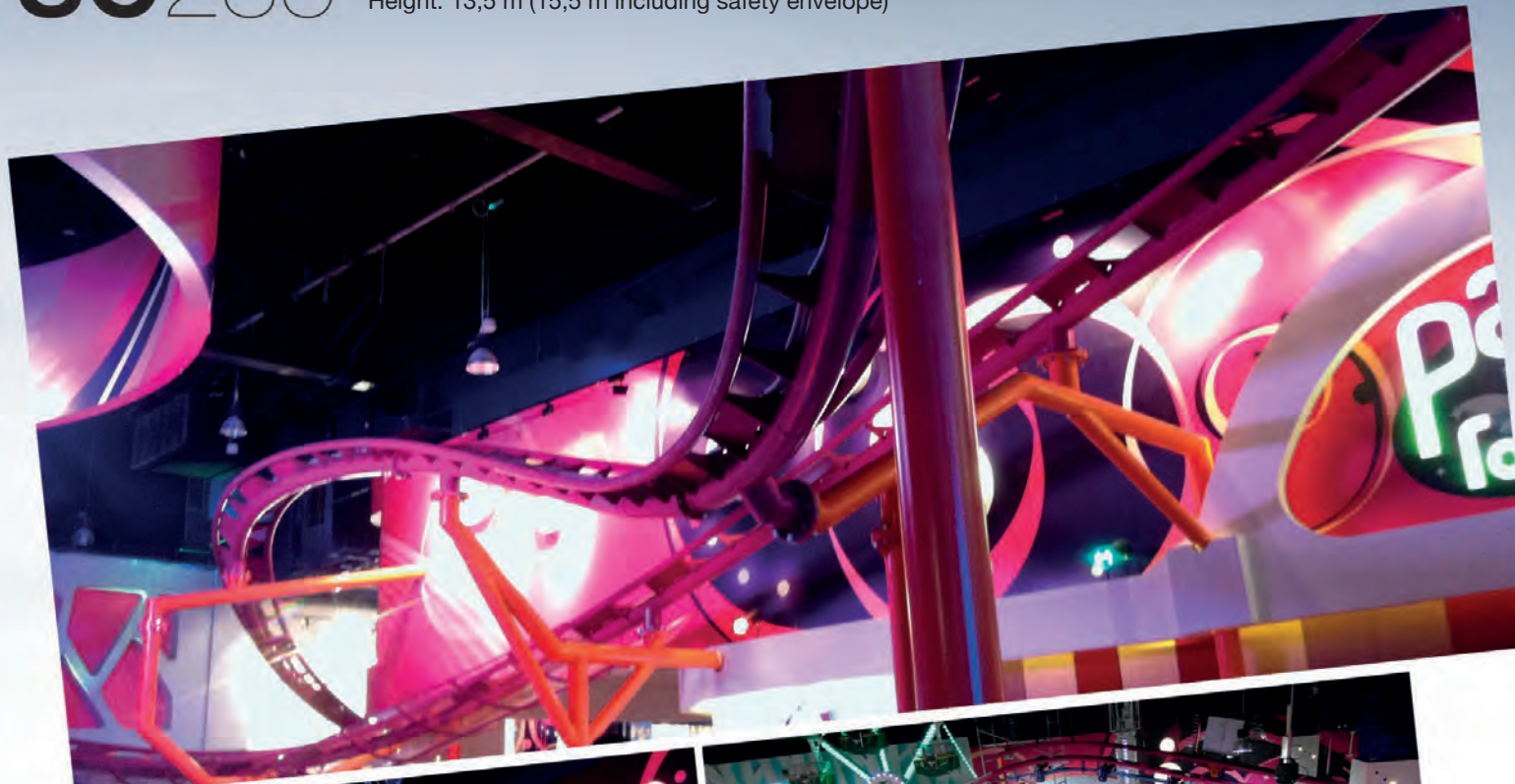


Track length: 155 m
Footprint: 41x16 m
Height: 7,4 m (9,5 m including safety envelope)



SC235

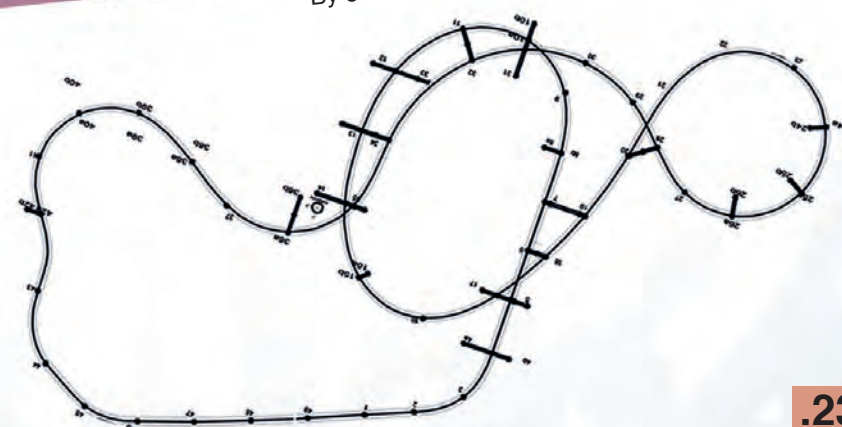
Footprint: 60x34 m
Height: 13,5 m (15,5 m including safety envelope)



By courtesy of Sparky's - Al Ghurair Mall - Dubai

SC300

Length: 75 m
Width: 57 m
Track length: 308 m
Max. speed: 10 m/s





M8 COASTER

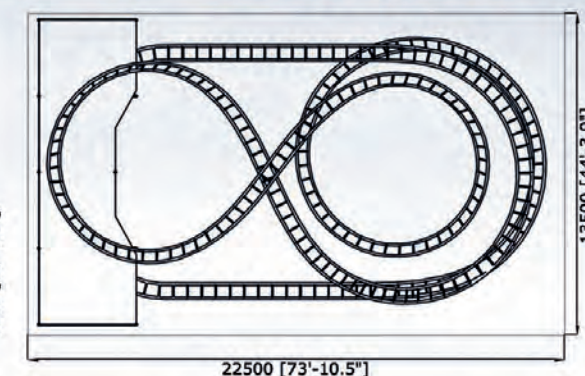
Footprint: 27x17 m
Height: 12 m (including safety)
Speed max: 7 m/s - 23 ft/s
Total capacity: 16 seats

M8125 SPECIAL



M8140 COMPACT SQUIRREL

Footprint: 2,5x13,5 m
Height: 9,5 m (including safety)
Speed max: 8,5 m/s - 27,9 ft/s
Total capacity: 16 seats



M8274

Footprint: 27x17 m
Height: 7,5 m (including safety)
Speed max: 7 m/s - 23 ft/s
Total capacity: 16 seats

M8125 STANDARD



Footprint: 66,2x42,5 m
Height: 6,5 m (8,5 including safety envelope)
Speed: 9,6 m/s
Acceleration: 2,3 g
Total capacity: 16 seats



By courtesy of Funtazmo - Oman Avenues Mall



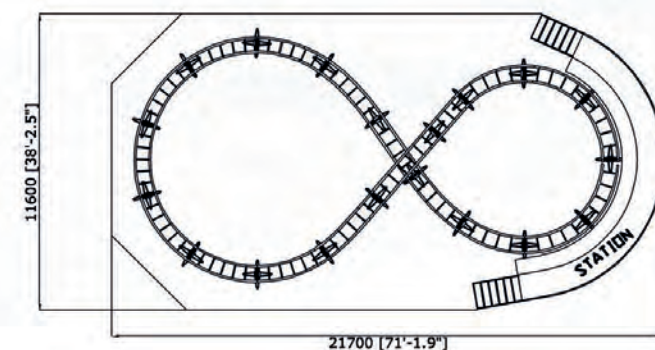
M8COASTER



Extended Miniotto track 70 mt custom made "Grand Prix"

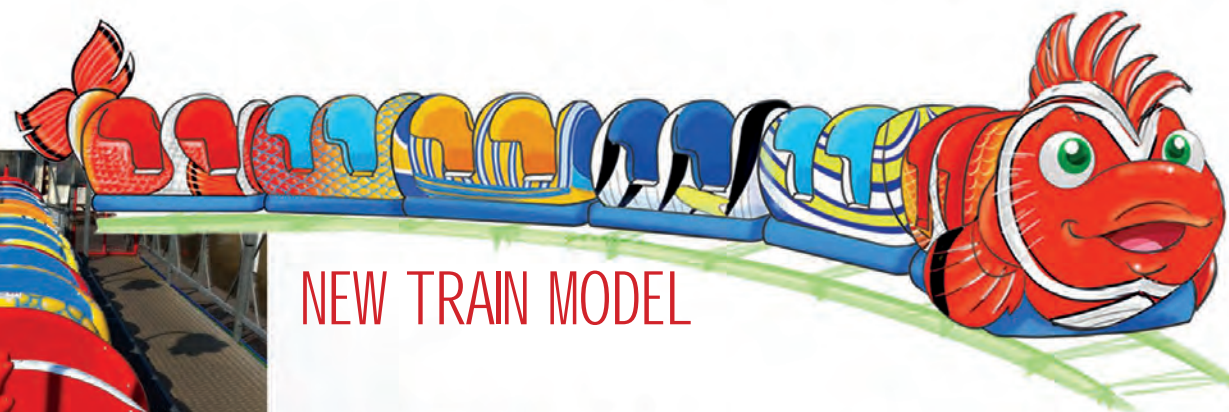
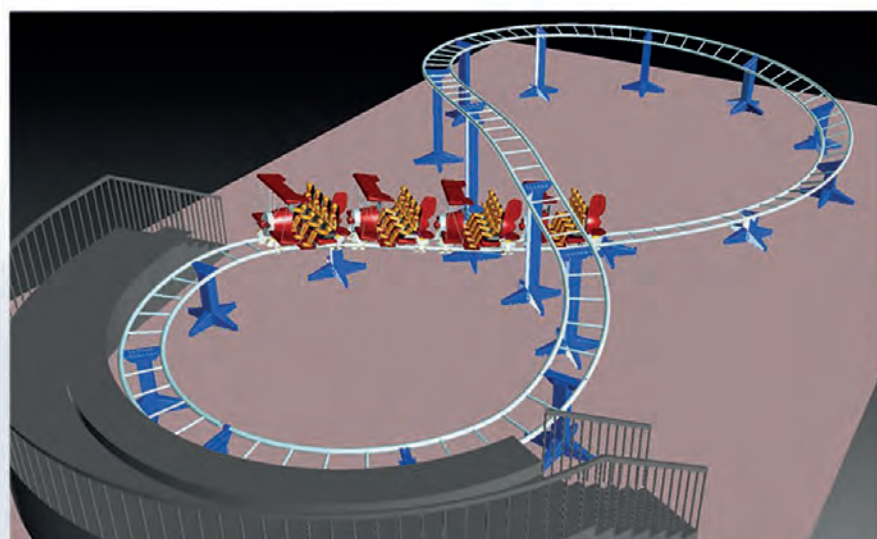


MICROOTTO



MICROOTTO

Footprint: 21,7x11,6 m
Height: 4,6 m (including safety)
Speed max: 6,2 m/s - 20,3 ft/s
Total capacity: 14/16 seats



NEW TRAIN MODEL

OCEAN FISH

Number of wagons: 6
Capacity of each wagon: 4 passengers
Total capacity: 24 seats





M8 COASTER



M8-80

Footprint: 27x14 m
Height: 5,8 m (including safety)
Speed max: 7 m/s - 23 ft/s
Total capacity: 12/16 seats



By courtesy of Kandy City Centre - Sri Lanka

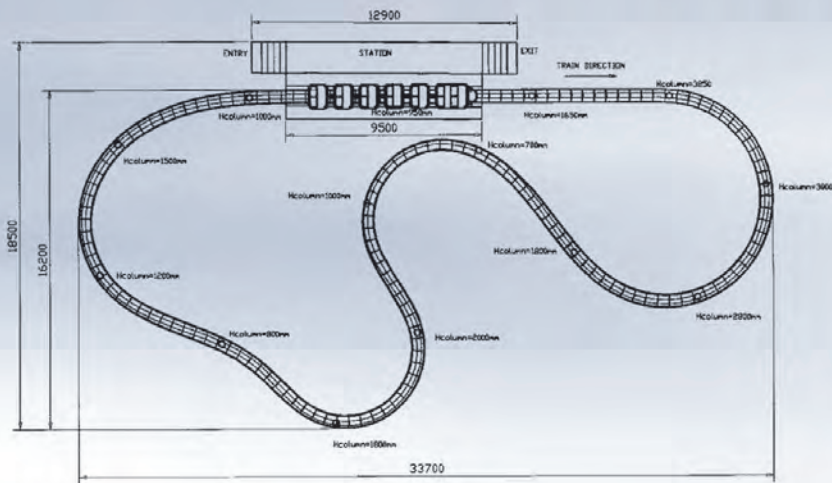
MINIOTTO 11x17 (monolithic)

MINIOTTO 11x17 (with base)





Rolly95



RIDE PERFORMANCE

Cycle Time: 45 sec
Maximum Train Speed: 8 m/sec

TRACK CENTRE DIMENSIONS

Length: 40,3 m
Width: 21 m
Height: 6,2 m
Track length: 160 m

ELECTRICAL SPECIFICATIONS

Voltage: 220/400/415V AC - 3 phases
Frequency: 50/60 Hz
Main Switch Breaking Capacity: 10KA
Max Power: 35 KW

OPERATING SITE

MINIMUM DIMENSIONS

Length: 42,5 m
Width: 23 m
Height: 8,2 m Height: 13,8 m

TRAIN SPECIFICATIONS

Number of Coaches: 4
(including head coach)
Train Length: 9,2 m
Train Weight: 1520 Kg
Head coach weight: 470 Kg
Other coach weight: 350 Kg

CAPACITY

Adults: 14
Head Coach: 2
Other Coaches: 4

IMPORTANT

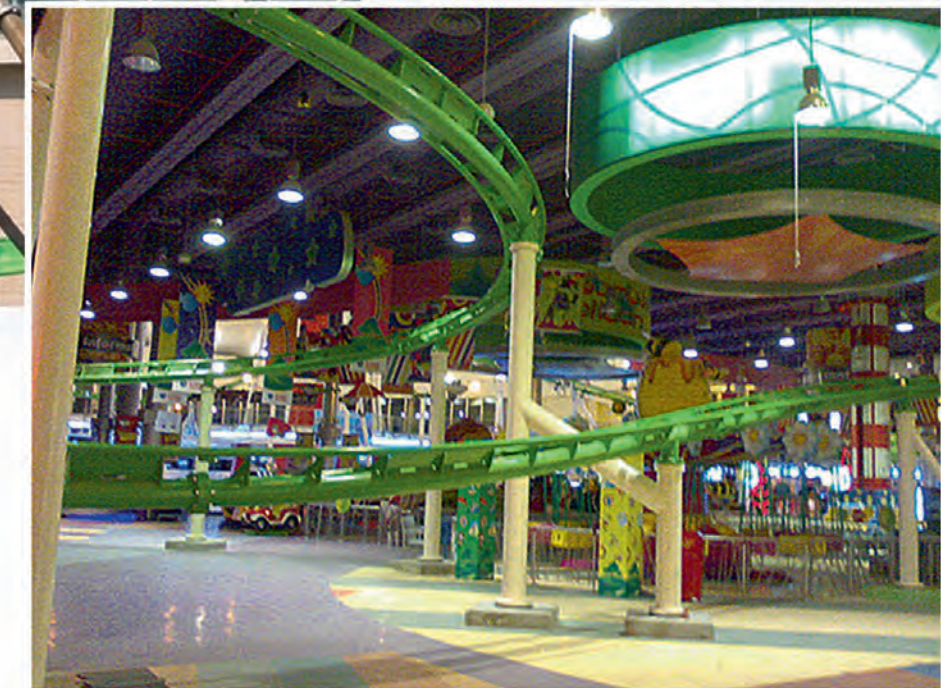
The ROLLY "BACKBONE" track design minimizes the number of support columns required and maximizes available open and walking space.

ASK FOR YOUR CUSTOM MADE ROLLER COASTER

THE ROLLY IS SPECIFICALLY DESIGNED TO USE A MINIMAL AMOUNT OF SPACE WHILE MAXIMIZING PUBLIC ACCESS UNDER AND WITHIN THE TRACK LAYOUT



Rolly 85-160-235-330



ELECTRICAL SPECIFICATIONS

Voltage: 220/400/415V AC - 3 phases
Frequency: 50/60 Hz
Main Switch Breaking Capacity: 10KA
Max Power: 35 KW

OPERATING SITE

MINIMUM DIMENSIONS

Length: 42,5 m
Width: 23 m
Height: 8,2 m Height: 13,8 m

TRACK LENGHT: 230 mt

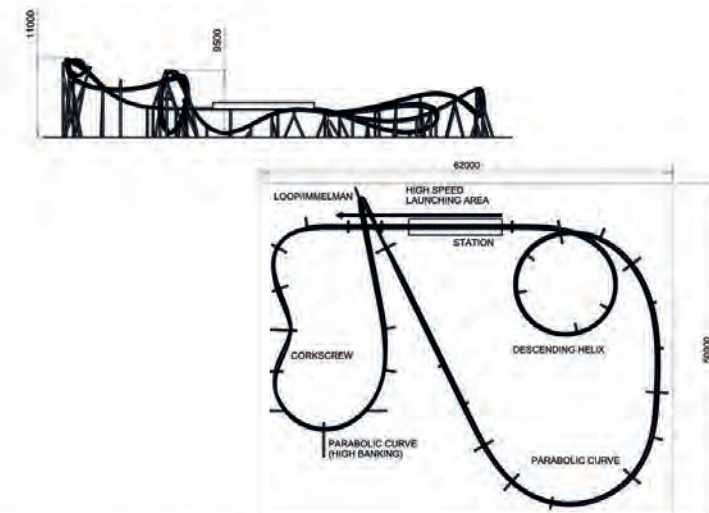
ROLLY 160 IN FACTORY TEST



K-LAUNCH 295

GENERAL DIMENSIONS

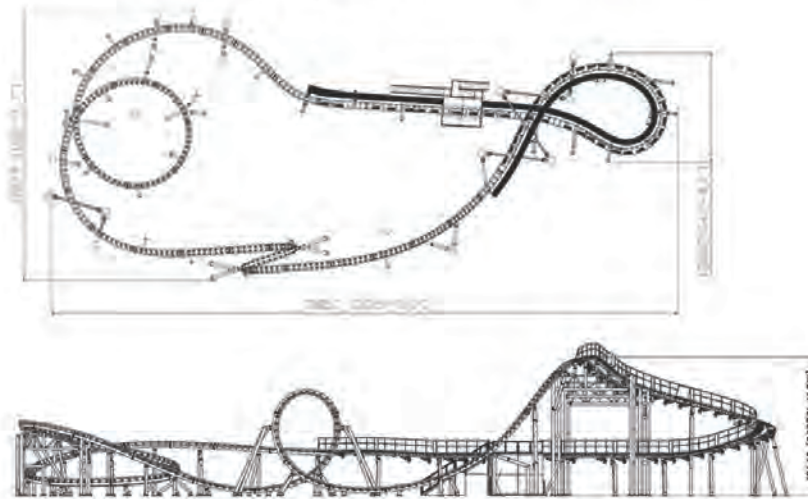
Length: 62 m
Width: 50 m
Height: 11 m (13 m including safety envelope)
Track length: 295 m



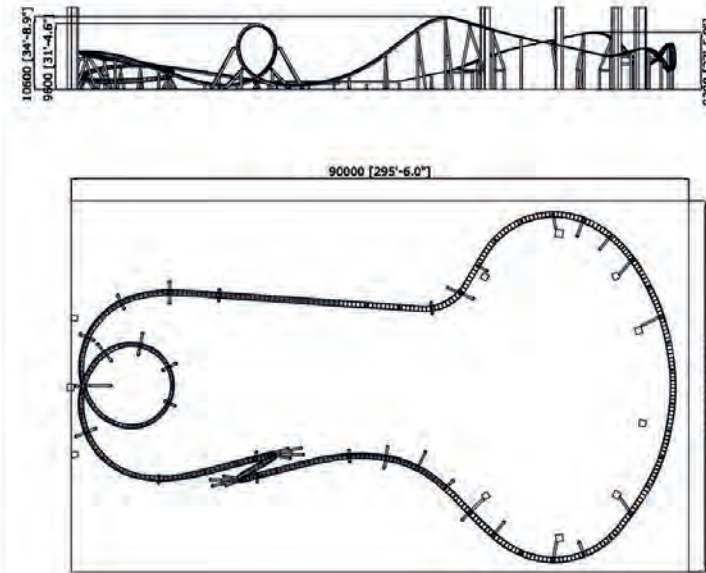
LOOP 236

GENERAL DIMENSIONS

Length: 72 m
Width: 31.5 m
Height: 12.5 m (14.5 m including safety envelope)
Track length: 236 m



LOOP 302



GENERAL DIMENSIONS

Length: 90 m
Width: 54 m
Height: 10.9 m (12.6 m including safety envelope)
Track length: 302 m

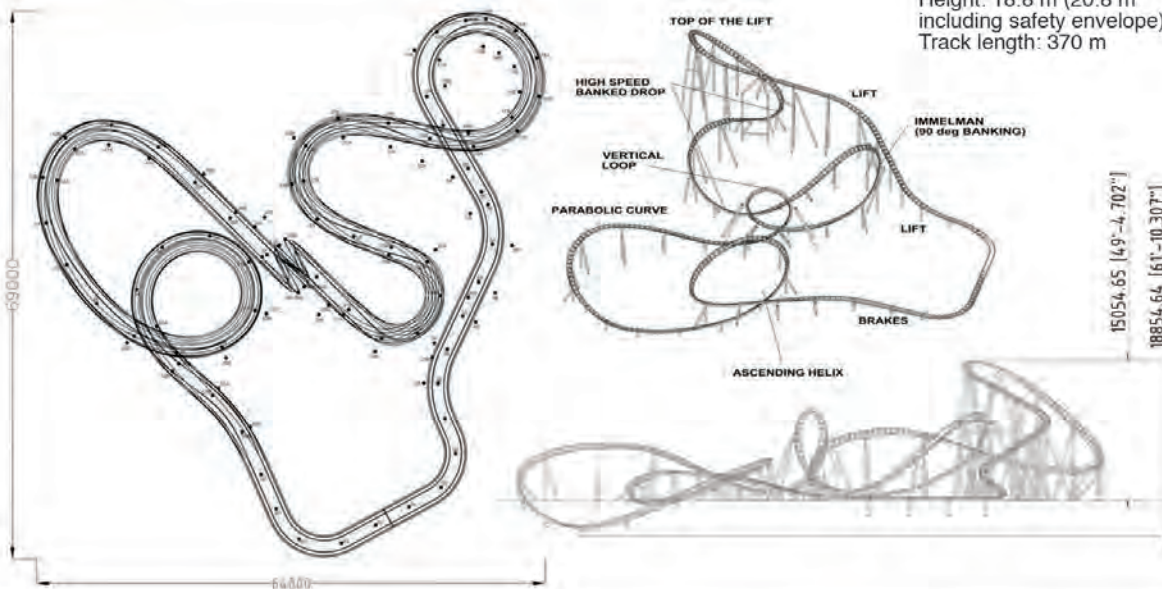
IE PARK'S ROLLER COASTER CHART

Classification by track length

LOOP 370

GENERAL DIMENSIONS

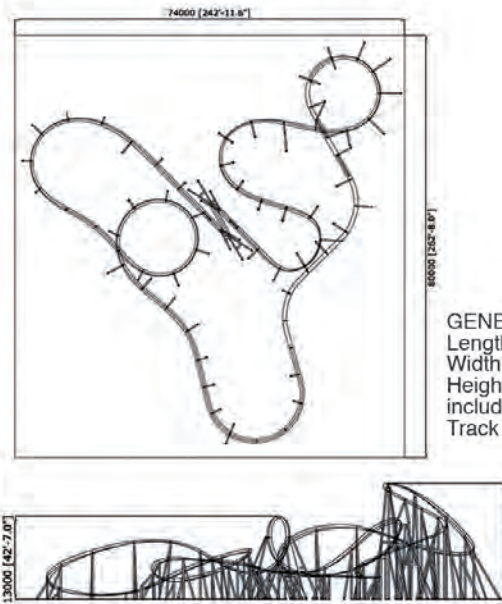
Length: 69 m
Width: 64 m
Height: 18.8 m (20.8 m including safety envelope)
Track length: 370 m



LOOP 395

GENERAL DIMENSIONS

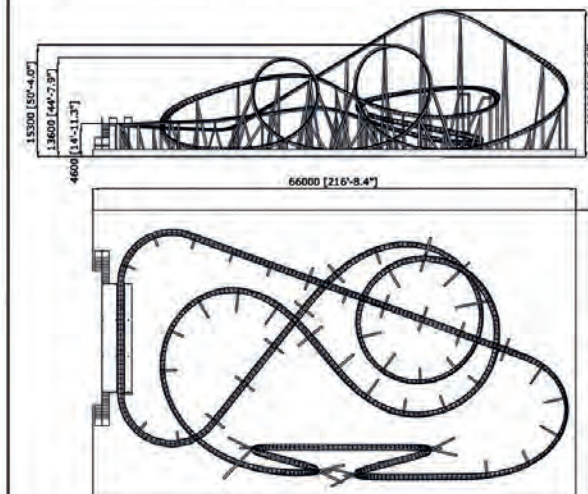
Length: 80 m
Width: 74 m
Height: 18.1 m (20.1 m including safety envelope)
Track length: 395 m



DOUBLE LOOP 425

GENERAL DIMENSIONS

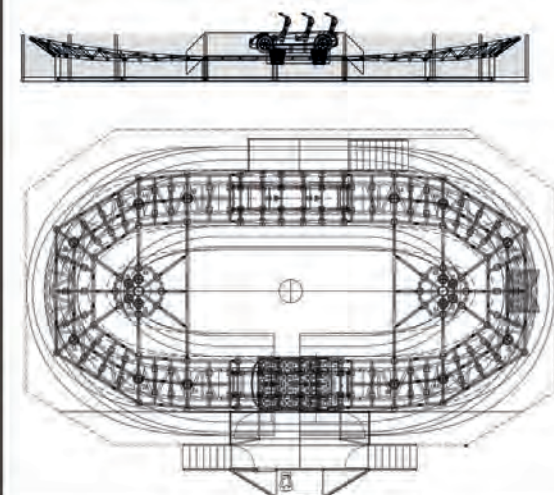
Length: 66 m
Width: 40 m
Height: 20.1 m (22.1 m including safety envelope)
Track length: 425 m



DRIFTER 4.4

GENERAL DIMENSIONS

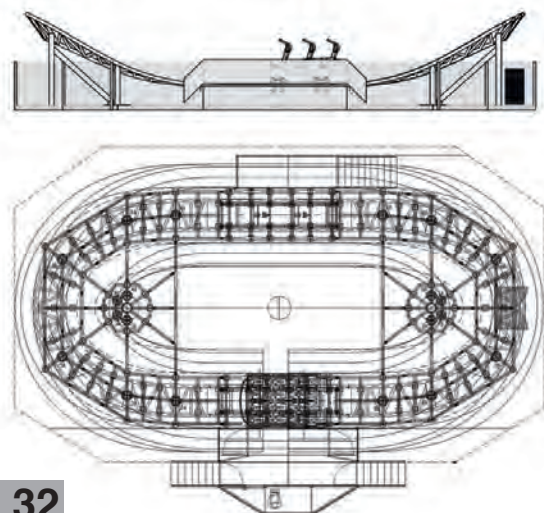
Length: 22.4 m
Width: 13 m
Height: 4.4 m including safety envelope



DRIFTER 6.6

GENERAL DIMENSIONS

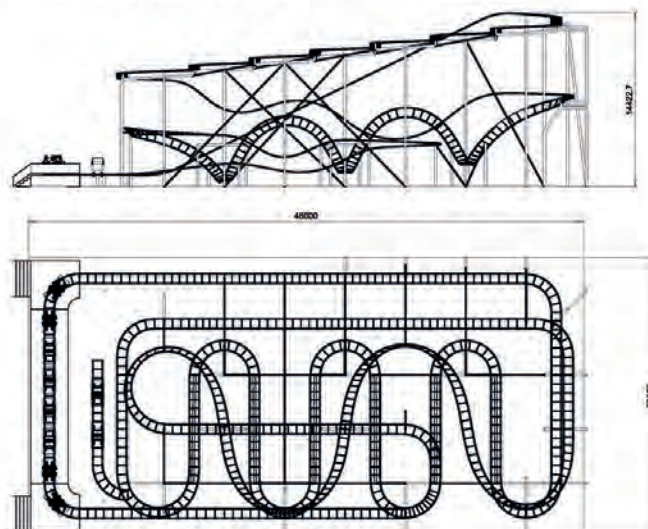
Length: 21.8 m
Width: 13 m
Height: 6.6 m including safety envelope



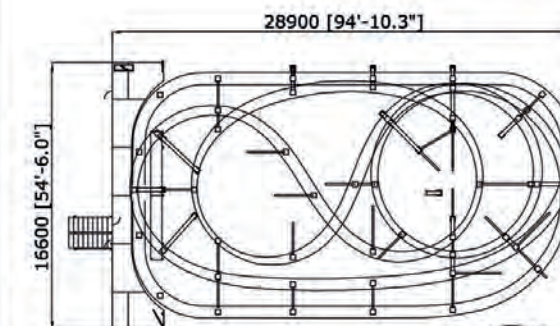
WILD MOUSE

GENERAL DIMENSIONS

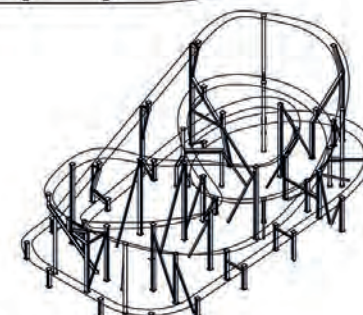
Length: 49 m
Width: 23 m
Height: 14.4 m (16.5 m including safety envelope)



JR 30



GENERAL DIMENSIONS
Length: 30 m
Width: 17 m
Height: 13.9 m (16 m including safety envelope)
Track length: 230 m

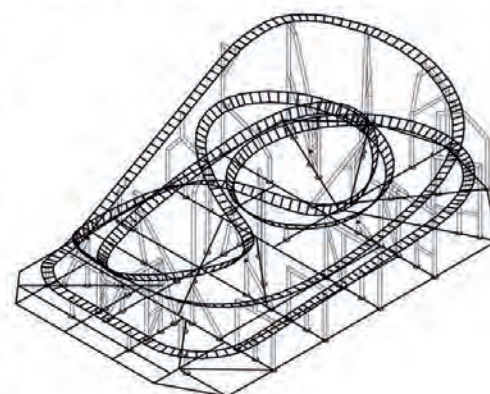


JR 30 CORKSCREW



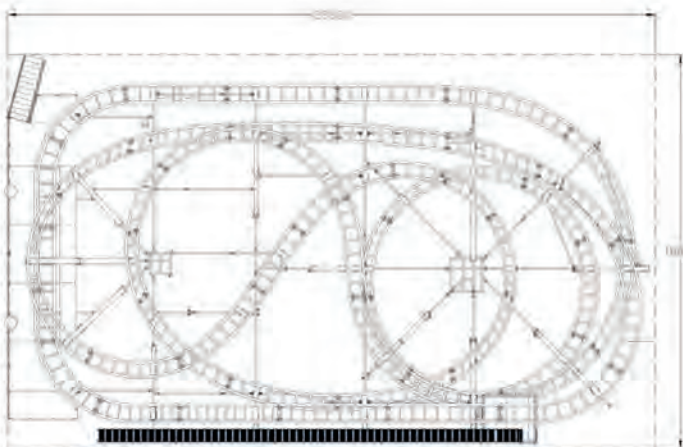
GENERAL DIMENSIONS

Length: 32 m
Width: 19.6 m
Height: 9.4 m (11.4 m including safety envelope)
Track length: 260 m



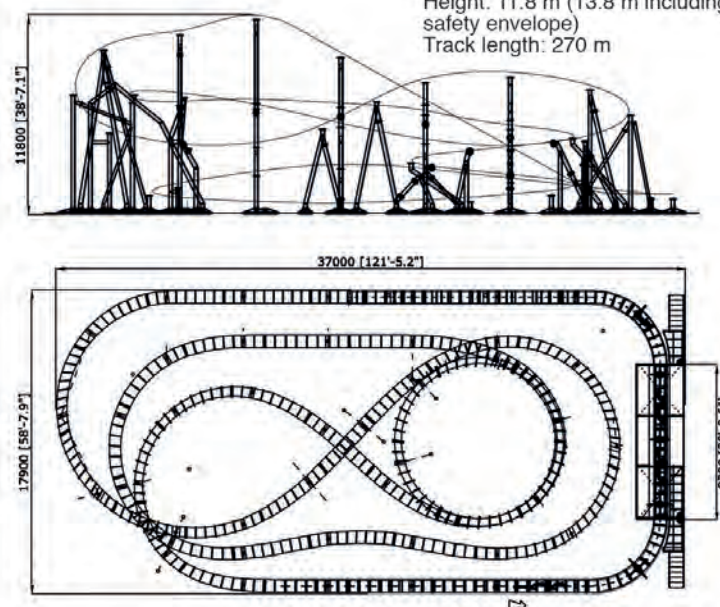
JR 30-S

GENERAL DIMENSIONS
Length: 30 m
Width: 18 m
Height: 9.9 m (12 m including safety envelope)
Track length: 230 m



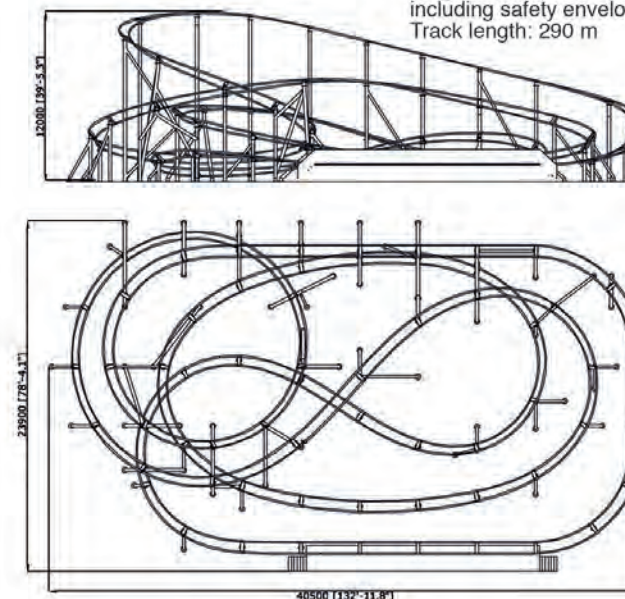
JR 40

GENERAL DIMENSIONS
Length: 38 m
Width: 20 m
Height: 11.8 m (13.8 m including safety envelope)
Track length: 270 m



JR 45

GENERAL DIMENSIONS
Length: 42 m
Width: 24 m
Height: 12 m (14 m including safety envelope)
Track length: 290 m

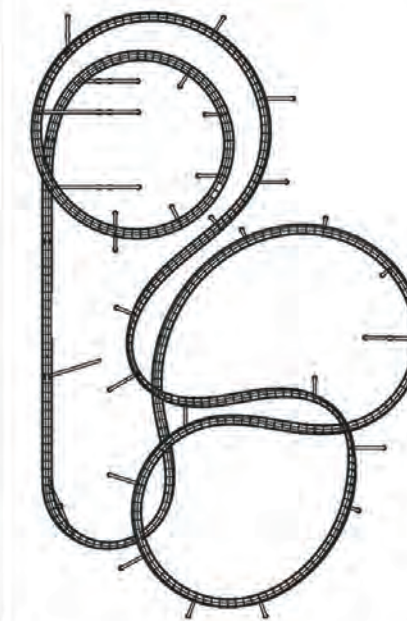


JR 50

IE PARK'S ROLLER COASTER CHART

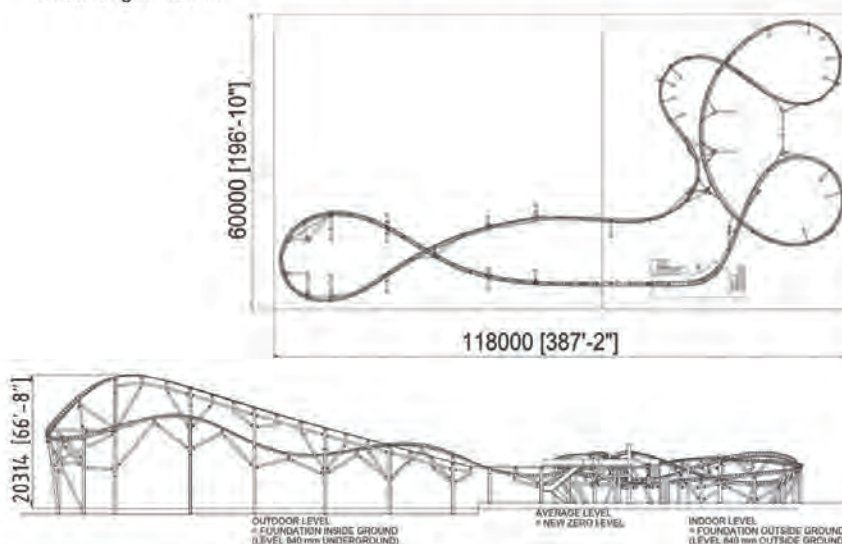
Classification by track length

GENERAL DIMENSIONS
Length: 50 m
Width: 34.2 m
Height: 14.2 m (16.2 m including safety envelope)
Track length: 270m approx



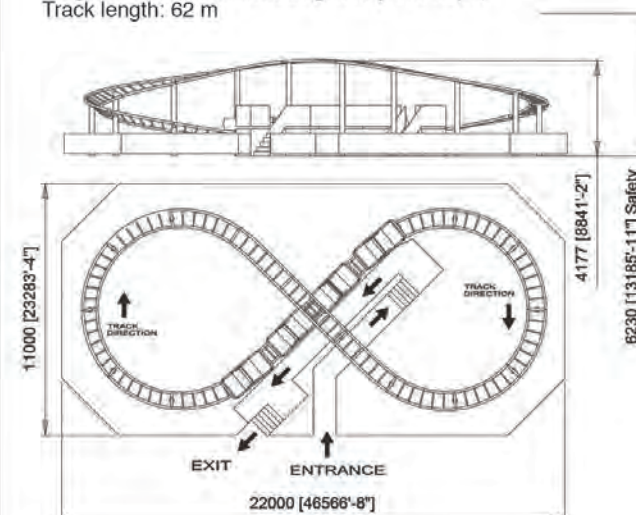
JR 120

GENERAL DIMENSIONS
Length: 118 m
Width: 60 m
Height: 21.2 m (23.2 m including safety envelope)
Track length: 400 m



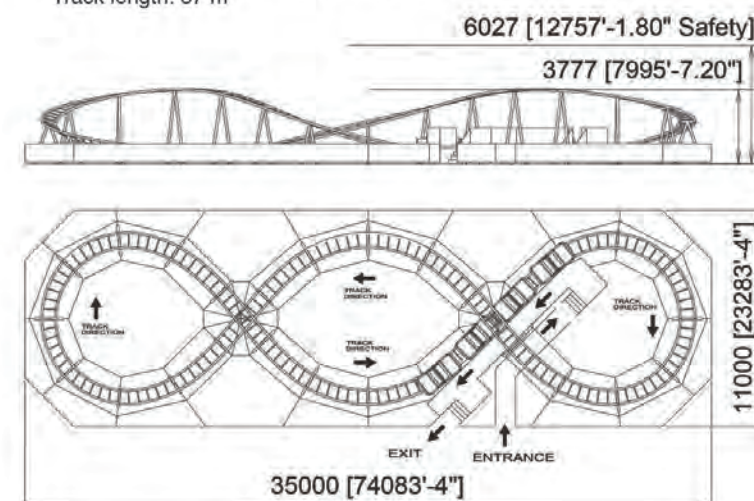
SC62

GENERAL DIMENSIONS
Length: 22 m
Width: 11 m
Height: 4.2 m (6.2 m including safety envelope)
Track length: 62 m



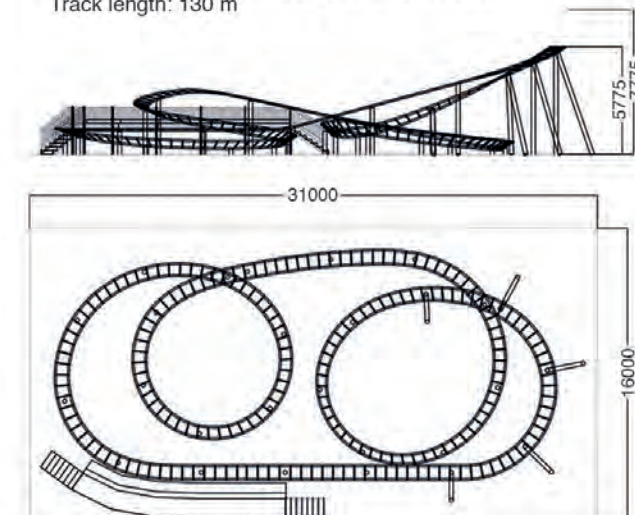
SC87

GENERAL DIMENSIONS
Length: 35 m
Width: 11 m
Height: 3.8 m (5.9 m including safety envelope)
Track length: 87 m



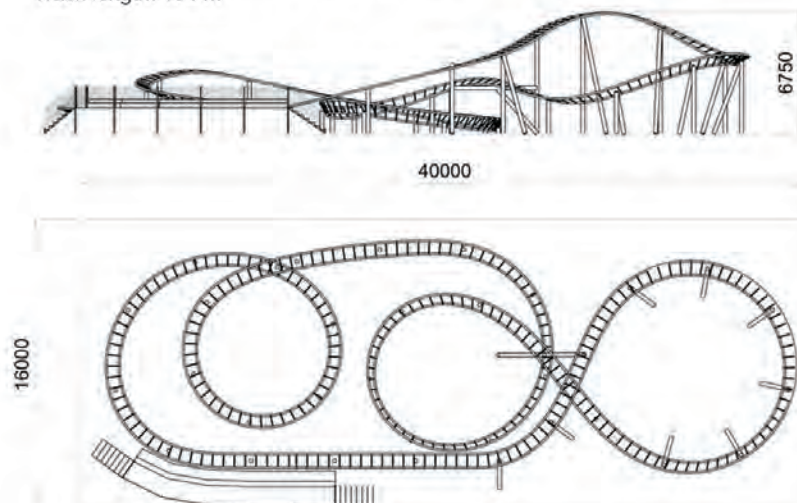
SC130

GENERAL DIMENSIONS
Length: 31 m
Width: 16 m
Height: 5.8 m (8.1 m including safety envelope)
Track length: 130 m



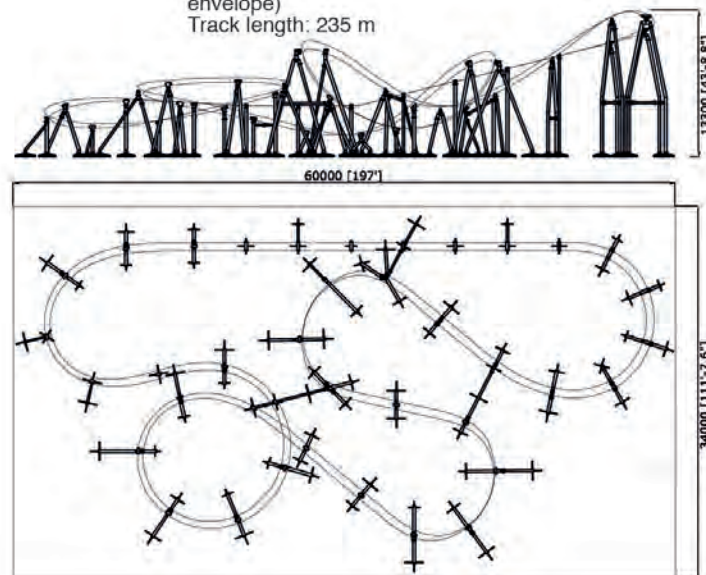
SC155

GENERAL DIMENSIONS
Length: 40 m
Width: 16 m
Height: 6.8 m (9 m including safety envelope)
Track length: 154 m

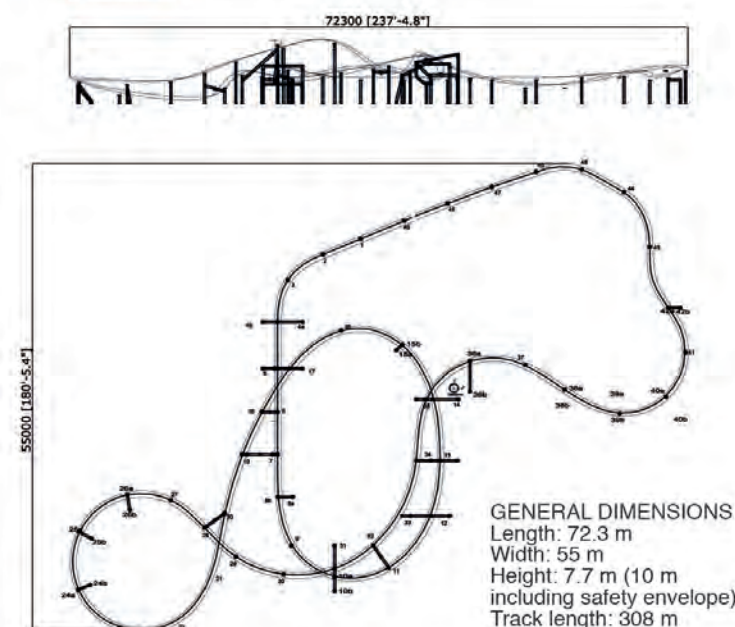


SC235

GENERAL DIMENSIONS
Length: 60 m
Width: 34 m
Height: 13.3 m (15.3 m including safety envelope)
Track length: 235 m



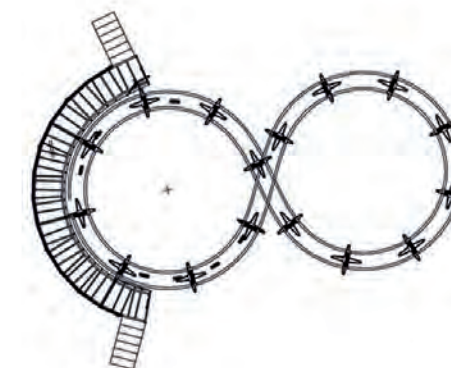
SC300



GENERAL DIMENSIONS
Length: 72.3 m
Width: 55 m
Height: 7.7 m (10 m including safety envelope)
Track length: 308 m

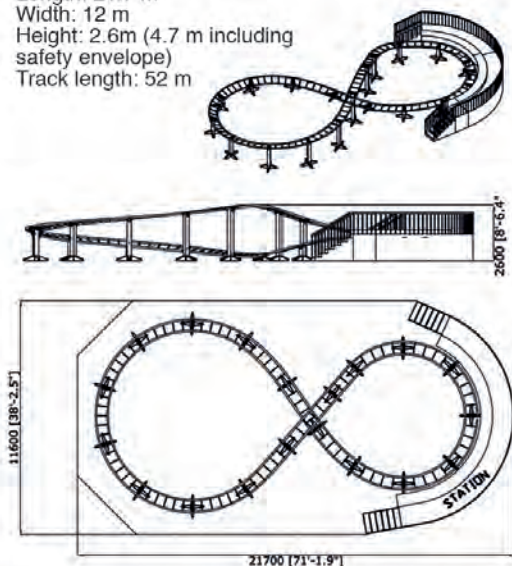
NANO 8

GENERAL DIMENSIONS
Length: 16.2 m
Width: 10.2 m
Height: 2.6 m (4.7 m including safety envelope)
Track length: 44 m



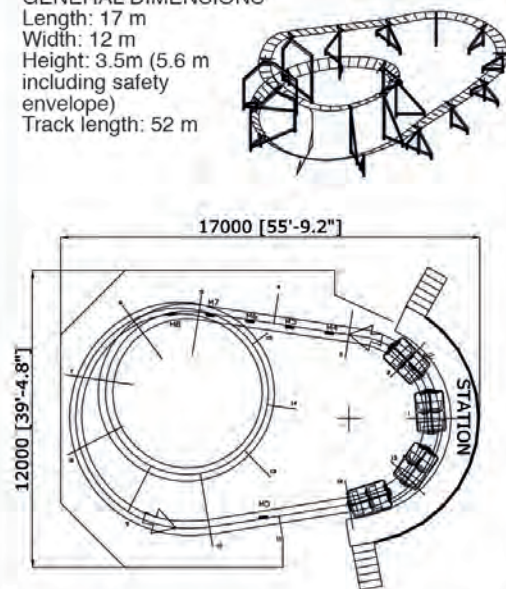
MICRO 8

GENERAL DIMENSIONS
Length: 21.7 m
Width: 12 m
Height: 2.6 m (4.7 m including safety envelope)
Track length: 52 m

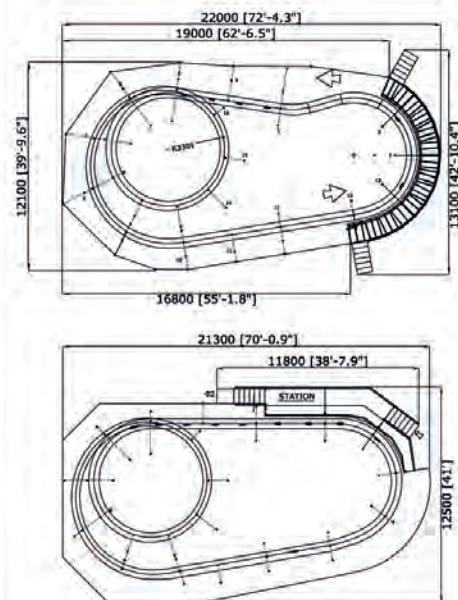


MINI 8 11x17

GENERAL DIMENSIONS
Length: 17 m
Width: 12 m
Height: 3.5 m (5.6 m including safety envelope)
Track length: 52 m



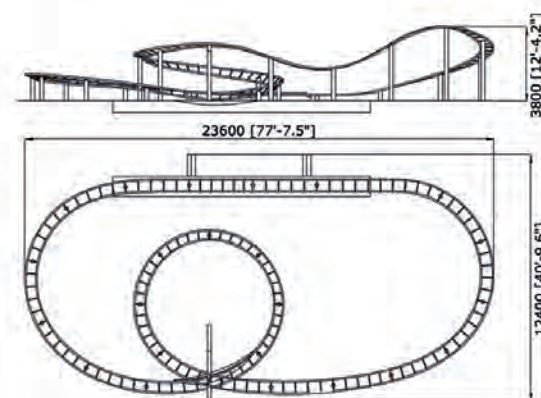
MINI 8 - EXTENDED



GENERAL DIMENSIONS
Length: 22 m
Width: 13.1 m
Height: 3.3 m (5.4 m including safety envelope)
Track length: 69 m

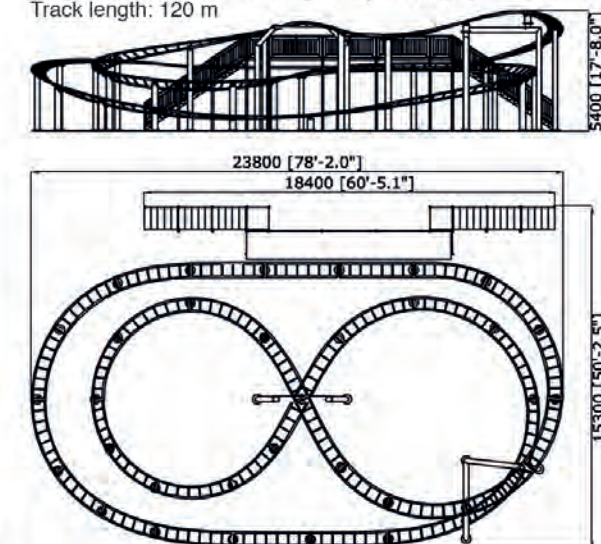
M8-80

GENERAL DIMENSIONS
Length: 26 m
Width: 14 m
Height: 3.8 m (5.9 m including safety envelope)
Track length: 80 m



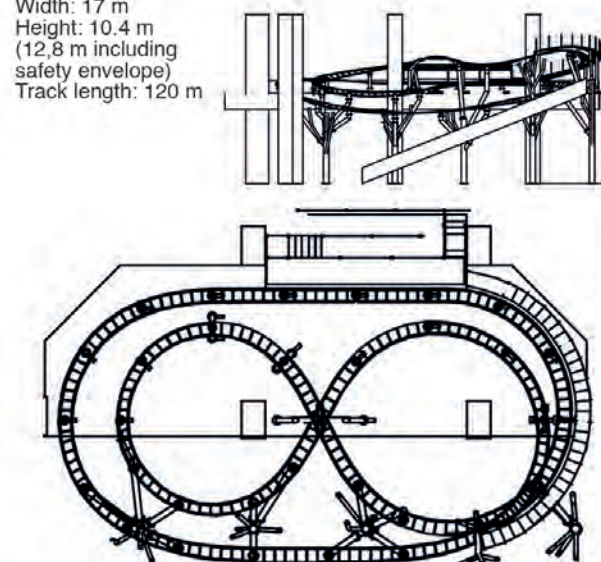
M8-125 STANDARD

GENERAL DIMENSIONS
Length: 26 m
Width: 17 m
Height: 5.4 m (7.5 m including safety envelope)
Track length: 120 m



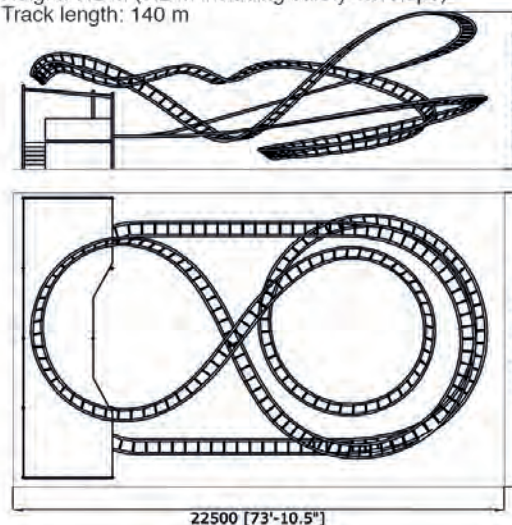
M8 -125 TREE

GENERAL DIMENSIONS
Length: 26 m
Width: 17 m
Height: 10.4 m (12.8 m including safety envelope)
Track length: 120 m



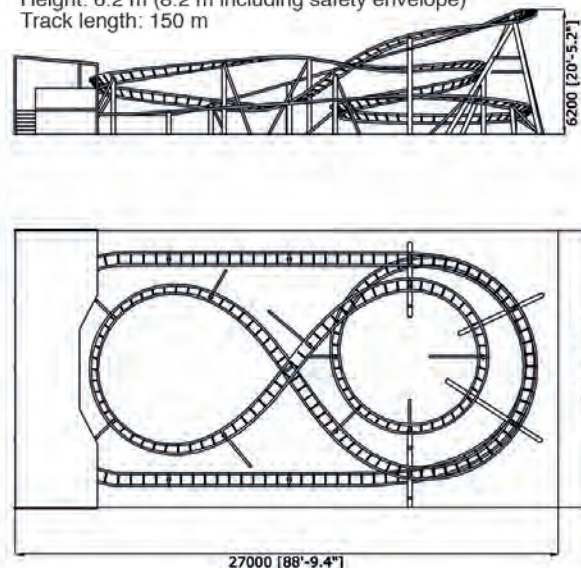
MINI 8 - 140 COMPACT SQUIRREL

GENERAL DIMENSIONS
Length: 22.5 m
Width: 13.5 m
Height: 7.2 m (9.2 m including safety envelope)
Track length: 140 m



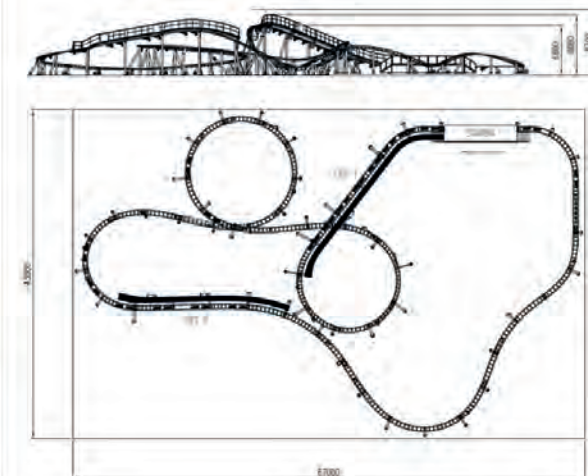
MINI 8 - 150 SQUIRREL

GENERAL DIMENSIONS
Length: 27 m
Width: 13.8 m
Height: 6.2 m (8.2 m including safety envelope)
Track length: 150 m



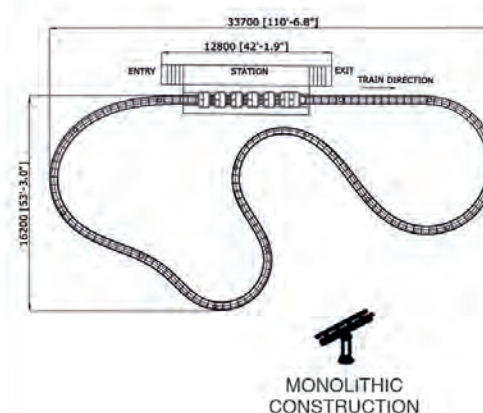
M8 - 274

GENERAL DIMENSIONS
Length: 67 m
Width: 43 m
Height: 6.6 m (8.7 m including safety envelope)
Track length: 274 m



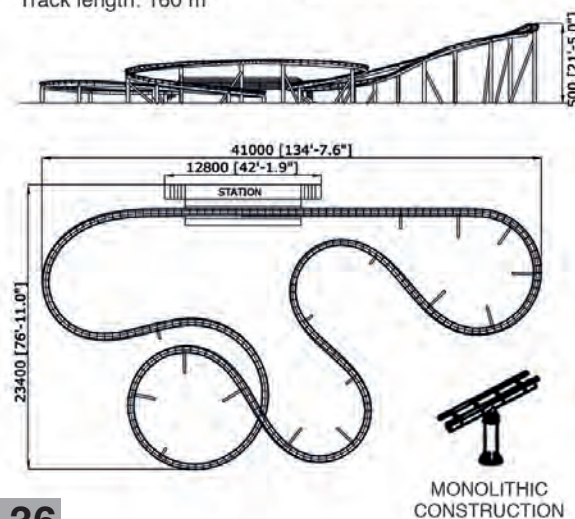
ROLLY 95

GENERAL DIMENSIONS
Length: 37 m
Width: 20 m
Height: 3.7 m (5.8 m including safety envelope)
Track length: 95 m



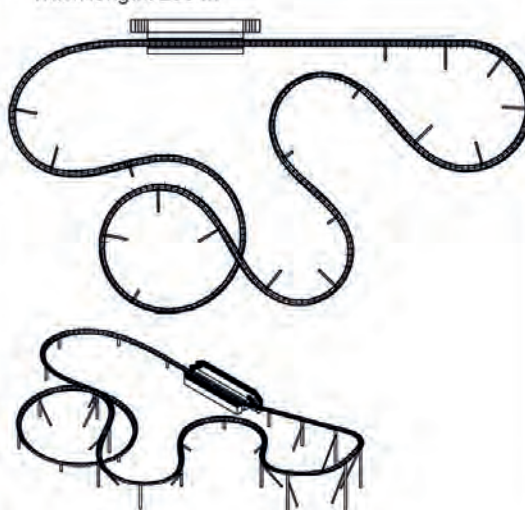
ROLLY 160

GENERAL DIMENSIONS
Length: 43 m
Width: 25 m
Height: 6.5 m (8.5 m including safety envelope)
Track length: 160 m



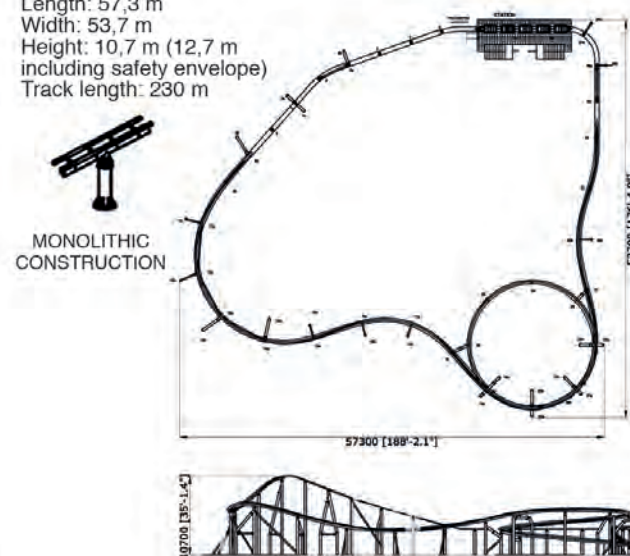
ROLLY 200

GENERAL DIMENSIONS
Length: 54 m
Width: 31 m
Height: 10 m (12 m including safety envelope)
Track length: 200 m



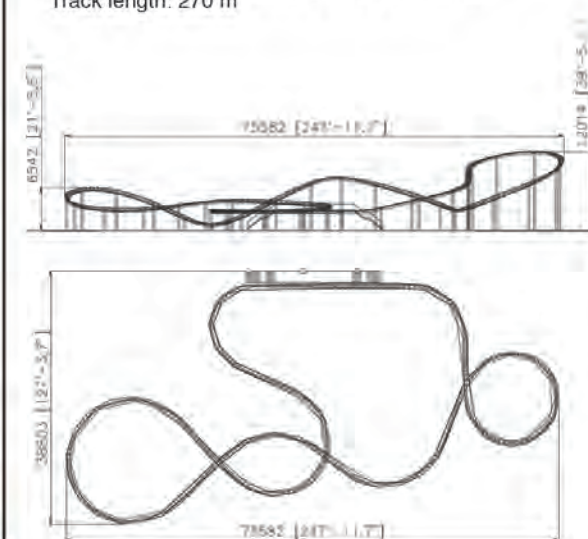
ROLLY 230

GENERAL DIMENSIONS
Length: 57.3 m
Width: 53.7 m
Height: 10.7 m (12.7 m including safety envelope)
Track length: 230 m



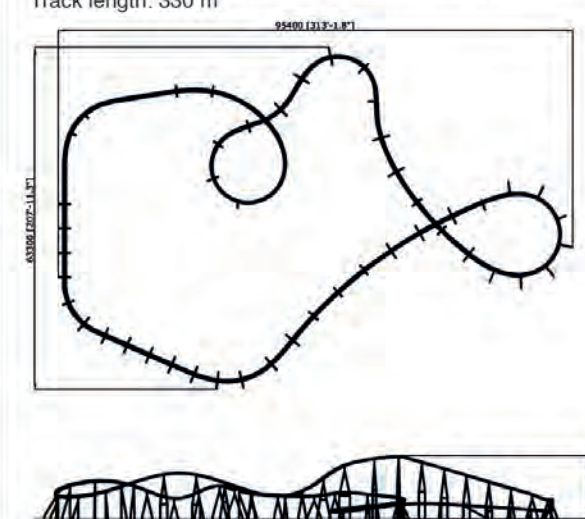
ROLLY 270

GENERAL DIMENSIONS
Length: 78 m
Width: 40 m
Height: 12 m (14 m including safety envelope)
Track length: 270 m



ROLLY 330

GENERAL DIMENSIONS
Length: 97 m
Width: 64 m
Height: 11.7 m (13.7 m including safety envelope)
Track length: 330 m





ROLLER COASTER TRAIN'S MODEL



CATERPILLAR



BEE



OCEAN FISH



NEW



DINOSAUR



MINE TRAIN



FANTASY



DRAGON



SPACE FANTASY



SPORT ONE



FORMULA 1



SPORT



NEW



SPACE TRAIN



JR



JR-L



SPIN CAR A



SPIN CAR B



IEPARK'S ROLLER COASTER CLASSIFICATION

TRACK DESIGN	MAX ACCELERATION	TYPE	SPAN COLUMN (AVERAGE)	ROLLER COASTER CATEGORY	
	4.5 g	2 - 3 PIPES	6 m / 19,7 ft	LOOPING	
	2.5 g	2 PIPES	5 m / 16,4 ft	JR SPINNING	
	2.8 g	2 - 3 PIPES	6 m / 19,7 ft	ROLLY	
	2 g	2 PIPES	3 m / 9,8 ft	MINI OTTO NANO OTTO MICRO OTTO	
	2.5 g	2 PIPES	3 m / 9,8 ft	DRIFTER	



MINI DRIFTER (8 seats)



DRIFTER (12 seats)



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WE THINK GREEN

