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Noble Rides Roller Coaster Catalogue

March, 2025



01

Launch Coaster Series

Launch Coasters include two forms of electromagnetic ejection and mechanical ejection. The short-range launch enables the train to accelerate from 0 to 100km/h in just a blink of the eye.

Whether you start from standing still or give the train an extra boost – our drives of the launch coasters can enhance your ride story.

Their superiority of large instantaneous thrust and easy maintenance enables passengers to obtain the extremely fast and exciting travel experience. They can be excellent choices for large park owners!

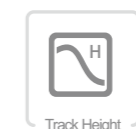


LSM Launch Coaster TSC-20A

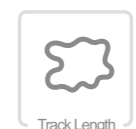
TSC-20A is a novel LSM coaster by Jinma Rides, with 20-riders train, 830m track and the max. Speed of 98km/h. The train will be launched to the height of 40m by the LSM drive, then the passengers will enjoy the multiple elements of the coaster. Each seat is equipped with the ergonomic design pressure bar, which does not limit the shoulders of passengers, and thus provides more space and freedom for passengers.

In addition, the whole vehicle structure adopts the integrated molding technology, no welds, safer!

Thrill Level: ★★★★★



Track Height
39.5m



Track Length
830m



Max Running Speed
98km/h



Installed Capacity
500kVA



20riders/train x 2



Area
125m x 85m



Theory Load
1030 pph

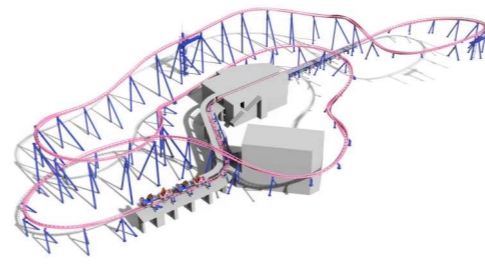


LSM Spinning Coaster TSC-16A

TSC-16A is an LSM Spinning Coaster designed for families, using LSM drive system, with 2 launches, self-spinning vehicle and amazing track layout. The train launched in an instant, speeding into an ascending curve and rushing up to the top of the slope. Then, it makes an S turn and reaches the second launch. The second launch takes the passenger to the track highest point and then spirals down.

Not too much yet it offers just enough for the majority. This is a perfect LSM coaster for any park owners who look for a fun coaster for attracting family passengers.

Thrill Level: ★★★★★



Track Height
21m



Track Length
610m



Max Run Speed
64km/h



Installed Capacity
300kVA



Load
16riders/train × 2



Area
120m × 83m



Theory Load
560pph



LSM Suspended Coaster XGC-16C

XGC-16C is a Suspended Coaster, more importantly, it's also an LSM Coaster, and a media-based Coaster. With its mechanical competence, this coaster is more than capable of taking riders deep into the virtual realm created and enhanced with our exquisite collection of HD films and special effects.

The coaster comes with 3 trains. Each train comprises of 4 rows with each row seating up to 4 riders. This means that 48 riders can enjoy the coaster at the same moment, which means a huge load capacity!

Thrill Level : ★★★★★☆



Track Height
22m



Track Length
607m



Max Running Speed
60km/h



Installed Capacity
1800kVA



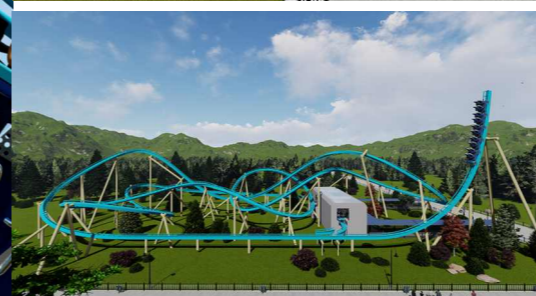
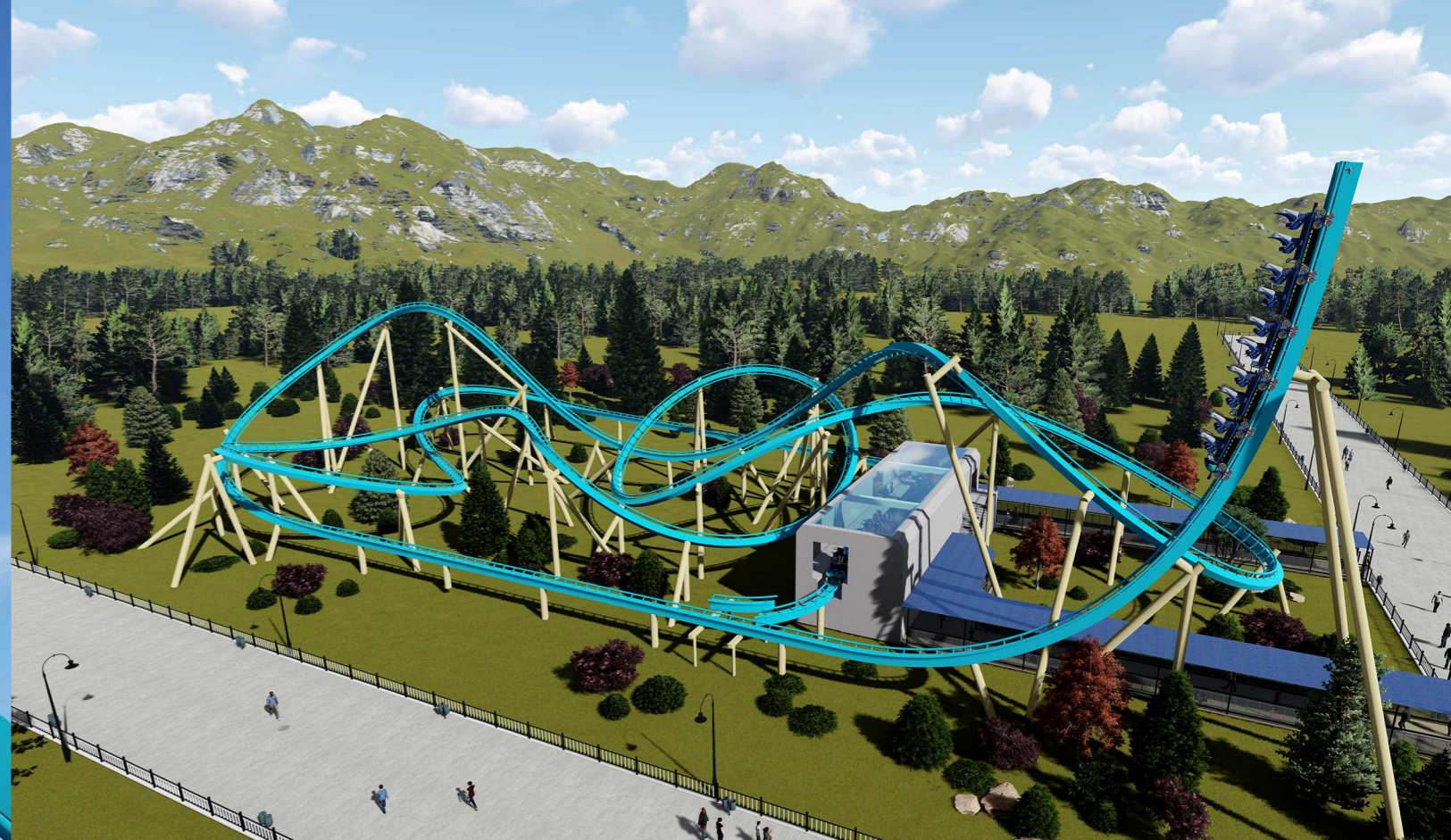
Load
16riders/train × 3



Area
108m × 35m



Theory Load
800pph



LSM Shuttle Coaster TSC-20D

TSC-20D is an LSM Shuttle Coaster, it has a 20-riders train, 600m track and the max. Speed of 75km/h. The train will be launched 3 times like a boomerang by the LSM drive, then the passengers will enjoy the multiple elements such as hills, inversions, turning, dives.

Thrill Level : ★★★★★



Track Height
32m



Track Length
600m



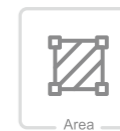
Max Run Speed
75km/h



Installed Capacity
500kVA



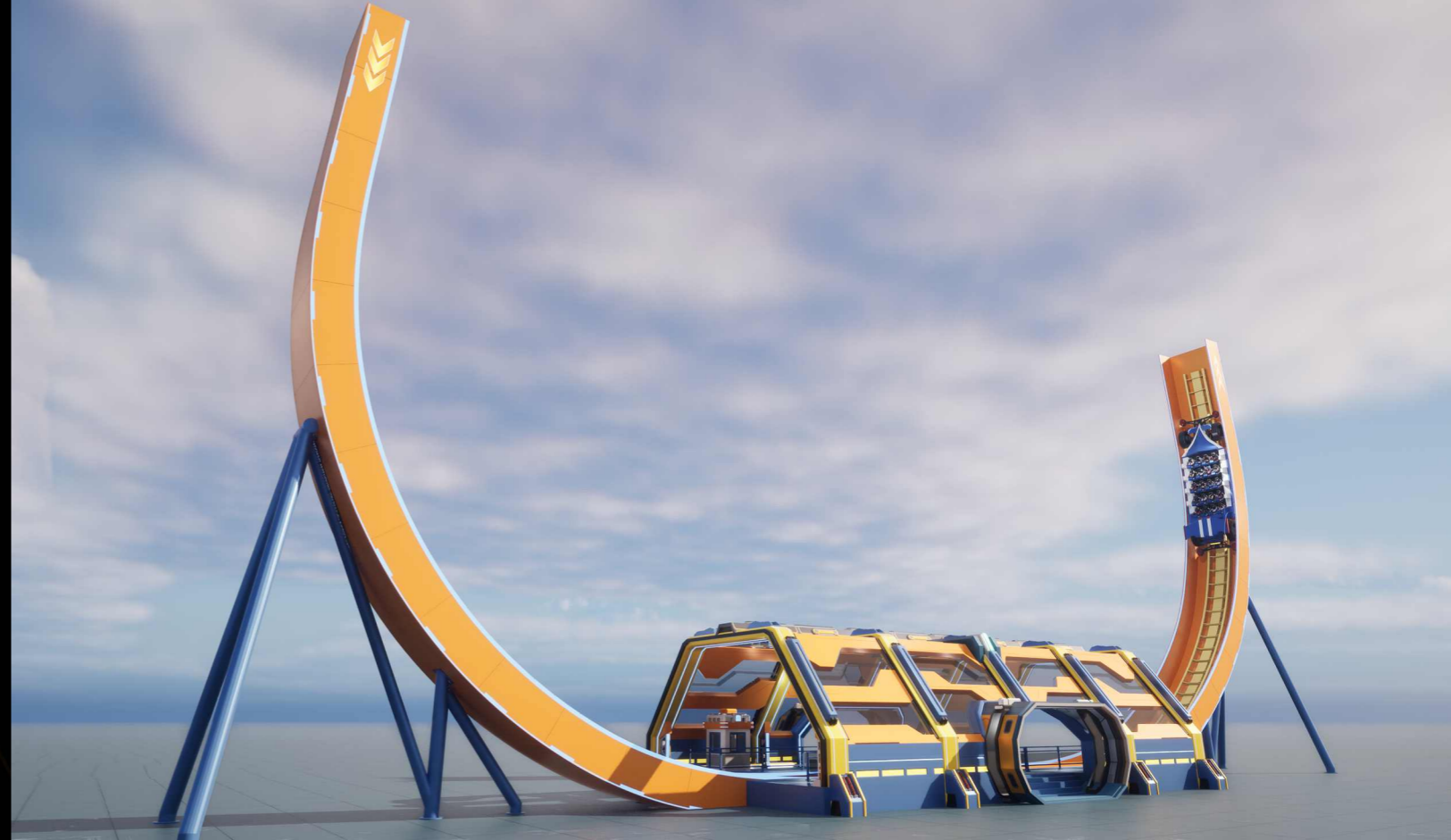
Load
20riders/train×1



Area
100m×45m



Theory Load
600pph

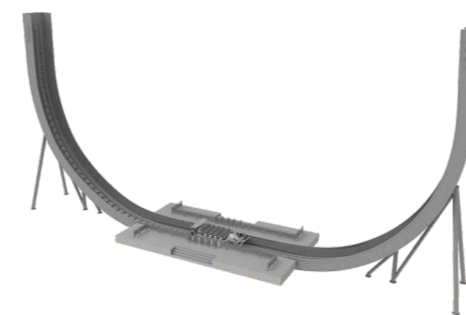


LSM U Coaster QLC-20D

A Bigger U Coaster was born! With very simple but breathtaking track design, passengers can enjoy a very thrilling launching and taxiing experience on the U-shape track!

Different from the traditional U coasters, QLC-20D adopts LSM technology, which makes the launch very smooth and fast, and drives the train(which contains 20 riders) to the top of track within seconds! Then the train will taxi on the track driven by gravity, and stop on the platform until passengers fully experience the feeling of overweight and weightlessness.

Thrill Level : ★★★★★



Track Height
27m



Track Length
100m



Max Run Speed
70km/h



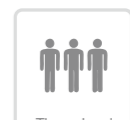
Installed Capacity
1000kVA



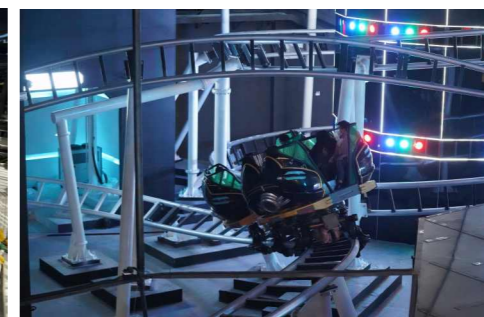
20riders/train×1



Area
66m×16m



Theory Load
600pph



LSM Spinning Coaster ZXC-8A

At 482m long and 14m tall, it is a spinning coaster featuring spirals, banked turns and a half-U run that penetrates the 10m high upper floor. Jinma has used a Linear Synchronous Motor (LSM) launch system for the coaster in place of the conventional chain-lift or friction wheel launch. The coaster train will be shot through the upper floor and roll back, with two LSM launch zones, each tasked with launching the train at a specific speed.

Using block systems, operators are able to use the track efficiently and consequently increase the ride's hourly capacity.

Thrill Level : ★★★★★



Track Height
14.6m



Track Length
482m



Max Running Speed
48km/h



Installed Capacity
350kVA



Load
8riders/train×2



Area
65m×28m



Theory Load
320pph



Motor Coaster MTC-12A

It is a launch roller coaster that features motorbike-like cabin, magnetic & pneumatic double brake system and double-PLC control.

Key Features:

- Exhilarating launch at the speed of 65km/h in 1G acceleration
- Two trains running simultaneously with a theory load capacity of 900 riders/hour

- Double PLC Control systems
- Permanent magnetic brake

Thrill Level : ★★★★★



 Track Height 13.3m	 Track Length 385m	 Max Run Speed 65km/h	 Installed Capacity 180kVA
 Load 12riders/train × 2	 Area 24m × 54m	 Theory Load 520pph	



02

Track-Opened Coaster Series

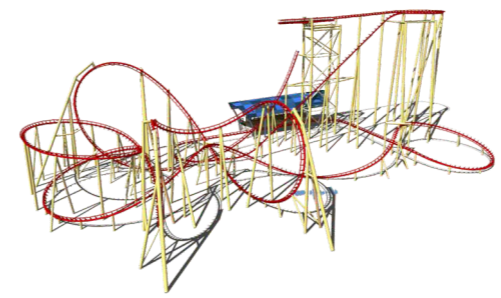
Track-Opened Coasters adopt free switch tracks or open tracks. Free switch tracks can easily realize the turning of running direction while open tracks can create a multi-sensory and exciting experience for passengers.



Tilting Coaster KSC-24B

KSC-24B is a track-open roller coaster, with novel design, breathtaking elements, and extreme experience! At 40 meters above the ground, the train is being pushed towards the edge of the cliff, so the tension starts building up as it keeps moving forwards. The most suspenseful and scariest part begins. The tilt track works the train to slowly tilt from the horizontal position to almost vertical and suspends passengers there in the air for a few very long seconds. Your palms are wet, heart racing, and your gut feelings say it is the time.

Thrill Level : ★★★★★



<p>Track Height 40.1m</p>	<p>Track Length 773.5m</p>	<p>Max Running Speed 89km/h</p>	<p>Installed Capacity 400kVA</p>
<p>Load 24rides/train×2</p>	<p>Area 60m×110m</p>	<p>Theory Load 800pph</p>	



Snow Mine Coaster KSC-24D

Snow Mine Coaster KSC-24D is a unique coaster which combines various elements.

The whole ride is in snow mine theming. The train will drive into the snow mountain after 24 riders sit down and they are restrained well, and they will experience a special and immersive snow mountain travel experience! The element includes: double lifts, dynamic platform, film and television interaction, reverses slippage, etc.

The snow theming and media-based design must impress the riders a lot, and make them never forget this special journey!

Thrill Level : ★★★★★☆



Track Height
33.1m



Track Length
920m



Max Running Speed
75km/h



Installed Capacity
950kVA



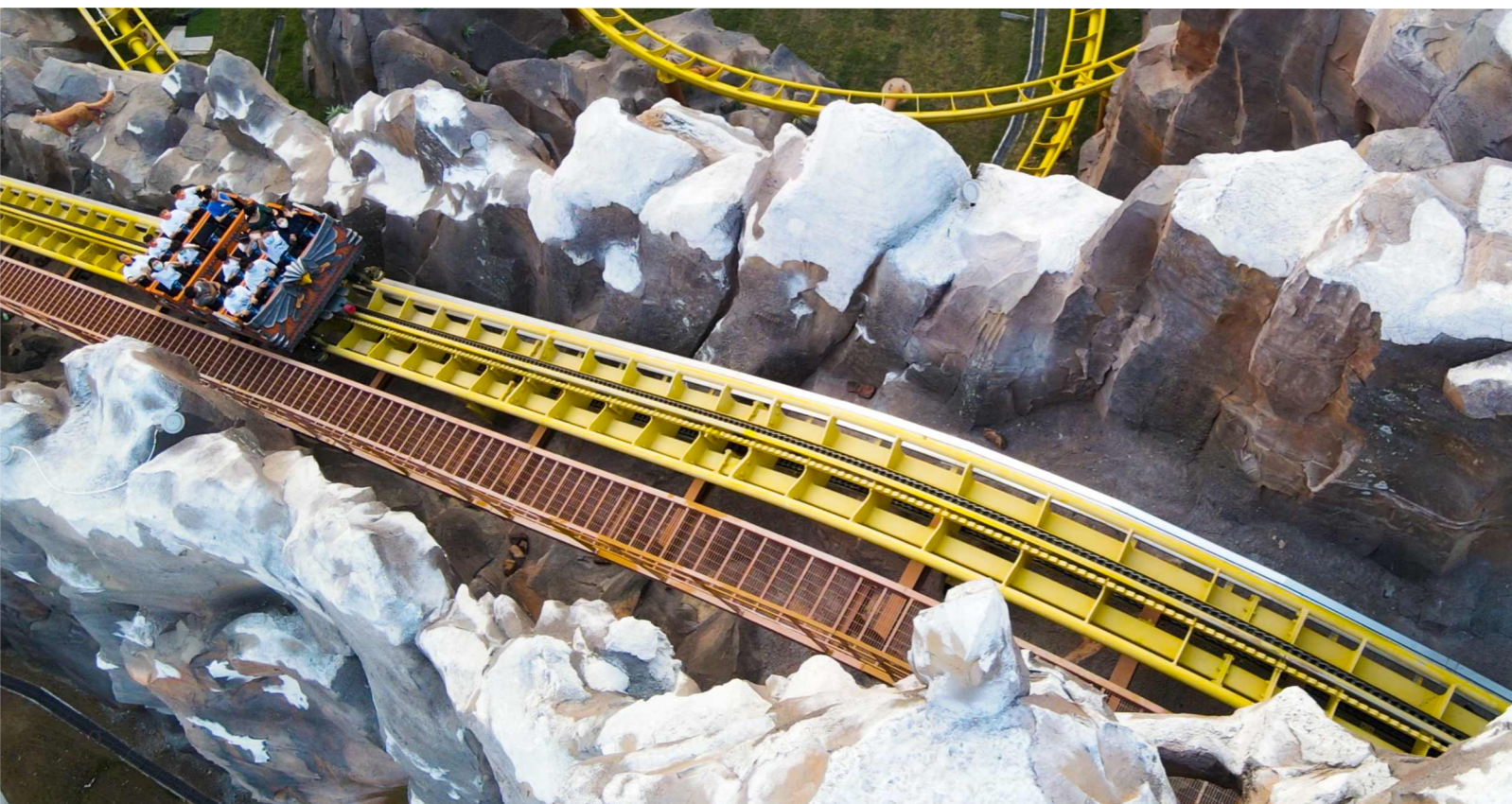
Load
24riders/train × 4



Area
136m × 102m



Theory Load
960pph



Drop Coaster SJC-16A

1000m+ track, 5 trains, dynamic platform, dropping, back thrusting, all of these elements are available on Jinma's latest Drop Coaster SJC-16A.

For the dynamic platform, it is designed for interaction with films, to provide riders with an extremely different and highly immersive experience!

Thrill Level : ★★★★★



Track Height
27.5m



Track Length
1030m



Max Running Speed
72km/h



Installed Capacity
500kVA



Load
16riders/train×5



Area
135m×90m



Theory Load
1000pph



Shuttle Coaster WFC-20A

A journey riding our Shuttle Coaster promises passengers tons of thrill and excitement. 20 passengers are well protected by ergonomically designed safety bars & belts, be lifted at the height of 37m, and be released facing ground! The train will pass Cobra Roll and Vertical Loop, and then reach the second lift! The train will be lifted again, and passengers will experience a same but mirrored track. Single Track, Double Fun!

Thrill Level : ★★★★★



Track Height
36.8m



Track Length
303m



Max Run Speed
85.3km/h



Installed Capacity
200kVA



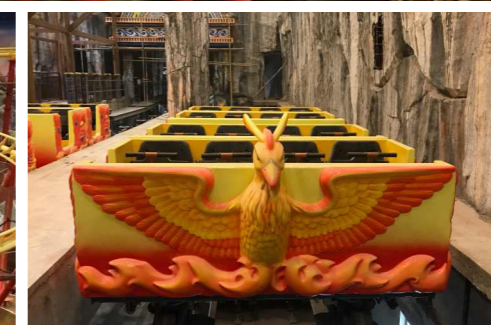
Load
20riders/train × 1



Area
100m × 42m



Theory Load
590pph



Drop Coaster KSC-16C

KSC-16C Drop Coaster is a large mine coaster for teenagers and families. It is a fantastic gravity coaster with nice design, built with two trains for 16 passengers on each. The train carrying 16 riders will be lifted by chain to the 24.5 meter-high sky, then release, and driven by gravity, the riders could start to enjoy the flying experience from now on. After a while, the train is braked and stopped in the darkness(animation is available at this position). The riders suddenly drop, free fall, and the train will connect to another section of track and resume the taxiing journey. The ride has a big capacity--800 riders per hour, so it is a very good choice for the park owners.

Thrill Level : ★★★★★☆



Track Height
24.5m



Track Length
563.5m



Max Running Speed
60km/h



Installed Capacity
360kVA



Load
16riders/train X 3



Area
75m X 80m



Theory Load
640pph



03

Huge Coaster Series

Huge Coasters all have long track, fast speed and large drop. Combined with multiple sports elements, it can bring unforgettable playing experience to passengers.



Vertical Roller Coaster CZC-24A

CZC-24A, the larger, the more fun out of it. The train is designed to accommodate 24 persons in 4 rows and its floorless design enables passengers to get more of a feel when dangling their feet freely in the air during the whole ride experience. Passengers on board are chain-lifted along the lift hill up to the 58m-high platform from where they start their wildest ride of life.

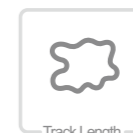
Daring passengers will definitely fall in love with this coaster!

Thrill Level : ★★★★★



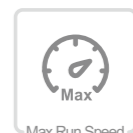
Track Height

58.3m



Track Length

870m



Max Run Speed

102km/h



Installed Capacity

400kVA



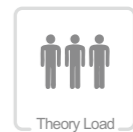
Load

24riders/train × 2



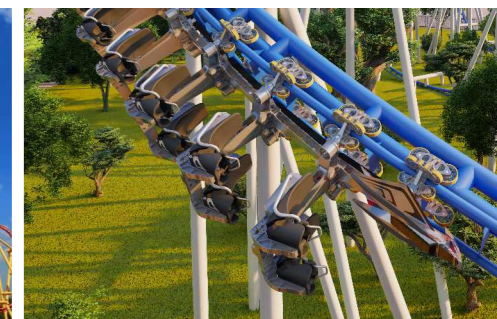
Area

158m × 88m



Theory Load

960人/h



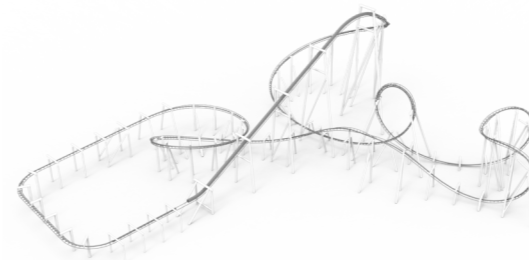
Suspended Coaster XGC-20H

Suspended coasters just rock! XGC-20H hangs its 20-seat passenger train right beneath the trackpath, thus offering passengers a ride experience totally different from that of riding a sit-on-top coaster.

20 daring passengers secured on board are chain-lifted along the lift hill up to 35 meter high from where they are about to experience the overwhelming sensations that this ride journey will bring.

This thrill coaster with a THC of 630 pph can be a major attraction and a revenue contributor for any park owners.

Thrill Level : ★★★★★



Track Height
36.2m



Track Length
649m



Max Run Speed
85.7km/h



Installed Capacity
250kVA



Load
20riders/train × 1



Area
117m × 107m



Theory Load
630pph



6 Inversions Coaster GSC-20A

As the name shown, the GSC-20A has 6 inversions in a compact layout.

The train is designed for 20 riders, with 5 vehicles and 4 riders on each. The train will be lifted to 28m high, and then goes to the inversion experience! It will firstly get a banked diving, and goes to double vertical loops immediately. After that, the train will go to 3 inversions and then back to the platform.

With mute lifting, 3D bending, magnetic braking and other advanced technologies, GSC-20A will provide an extremely comfortable and impressive experience to every rider!

Thrill Level : ★★★★★



Track Height
27.8m



Track Length
470m



Max Running Speed
78km/h



Installed Capacity
200kVA



Load
20riders/train × 1



Area
100m × 38m



Theory Load
480pph



04

Spinning Coasters Series

Spinning Coasters have rotatable vehicle. When the vehicle runs on the track, the cabin spins under the influence of gravity to create multiple and exciting experience for passengers.



Super Spinning Coaster ZXC-4D

This medium-size coaster takes up an area of just 53.5m x 30m yet with some fun elements. Five free-spinning cars go with this coaster and each car has 4 inward-facing passenger seats.

Not too much yet it offers just enough for the majority. This is a perfect compact coaster for any park owners who look for a fun coaster that is accessible to a larger number of visitors.

Thrill Level: ★★☆☆☆



Track Height
17.1m



Track Length
394.4m



Max Run Speed
47.9km/h



Installed Capacity
75kVA



Load
4riders/train x 5



Area
53.5m x 30m



Theory Load
600pph



Super Spinning Coaster ZXC-4E

ZXC-4E is an upgraded Super Spinning Coaster, it has a bigger cover area of 62m x 58m, longer track of 455m, and higher track of 21.8m.

Not too much yet it offers just enough for the majority. This is a perfect compact coaster for any park owners who look for a fun coaster that is accessible to a larger number of visitors.

Thrill Level: ★★☆☆☆



Track Height
21.8m



Track Length
455m



Max Run Speed
43.9km/h



Load
4riders/train x 5



Area
62m x 58m

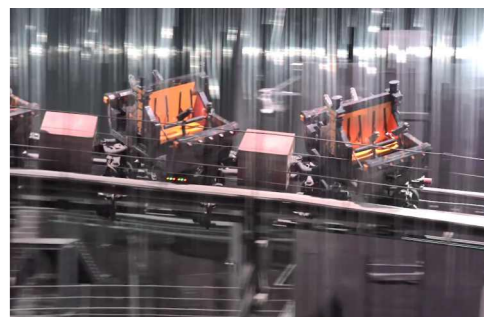
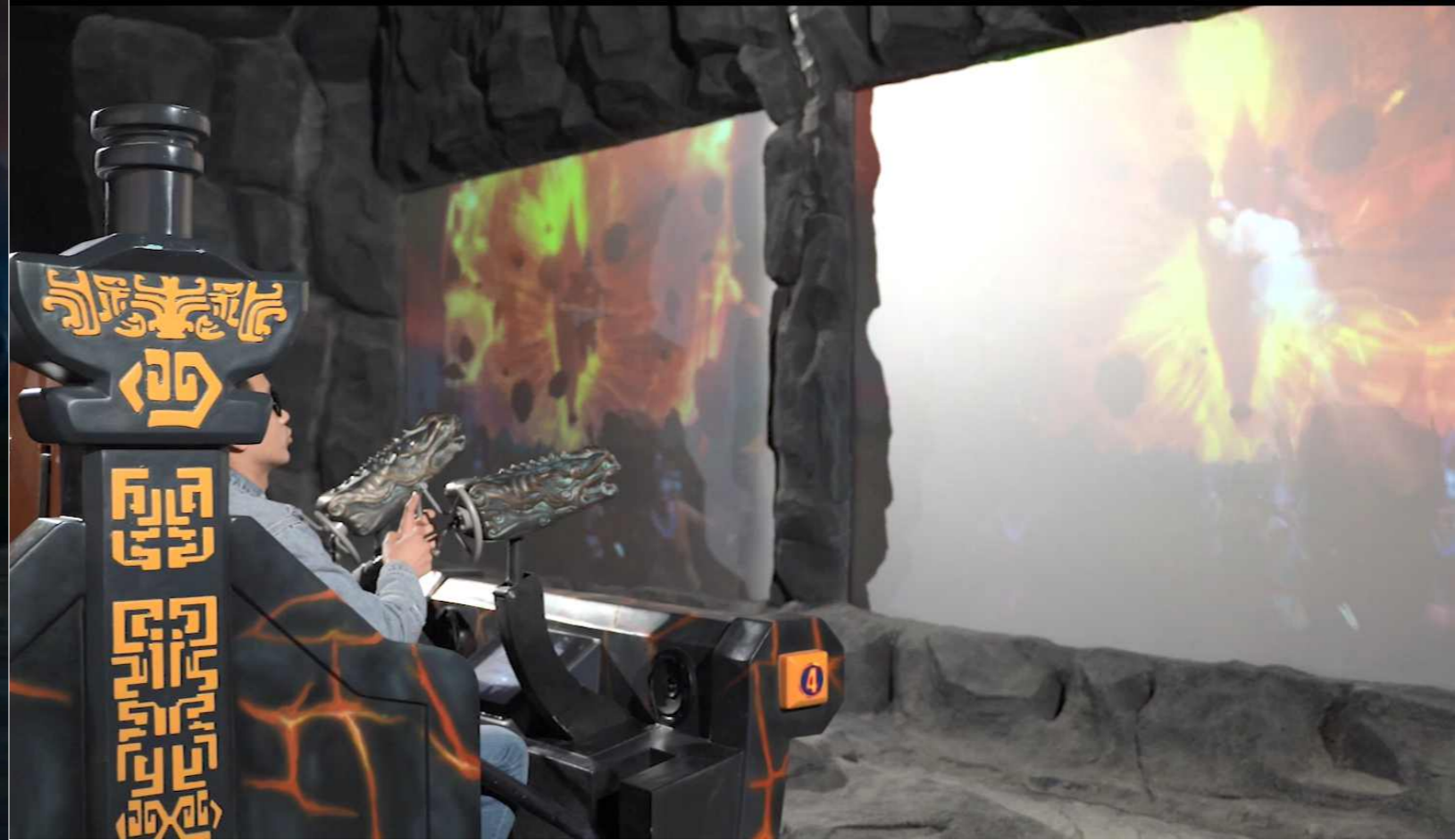


05

Interactive Coaster Series

Featuring immersive interaction, Interactive Coasters combine traditional roller coasters with 3D interactive games, films or motion bases.

With innovative and immersive coasters, passengers can not only experience 3D stereoscopic visual effects, fierce shooting competitions, high entertainment and interactivity, realistic scene sound effects or gorgeous lights, etc., but also experience the stimulation of roller coasters.



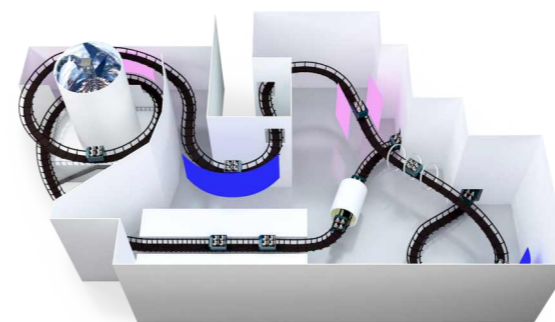
3D Interactive Coaster HDC-12A

HDC-12A is a 3D Interactive Coaster which combines the elements of 3D interactive games and roller coaster.

The riders can not only experience the distinctive themes, 3D stereoscopic visual effects, fierce shooting competitions, high entertainment and interactivity, realistic scene sound effects, gorgeous lights, etc., but also experience the stimulation of roller coasters.

HDC-12A is mainly composed of rail column system, vehicle system, rail change system, platform, electrical and control system.

Thrill Level : ★★★★★



Track Height

13m



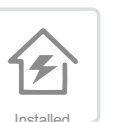
Track Length

680m



Max Running Speed

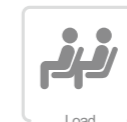
32km/h



Installed Capacity

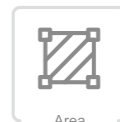
450kVA

Not including the film system



Load

12riders/train×9



Area

Depending on the site



Theory Load

1000pph



06

Family Coaster Series

Family Coasters are a series of medium-sized roller coasters designed for all age groups, particularly for the younger ones. With fun sporting elements and spacious & comfortable trains, It allows families with kids to experience the ride happily together.

They can be a major attraction and money maker for any park owners!



Mine Coaster KSC-26D(B)

For Mine Coaster, its 750 meter-long track is designed with two lifts and a number of fun elements including sharp curves, deep dives and rolls, etc. With a velocity max at 46km/h, this coaster gives passengers adequate time and undiverted attention to actually enjoy the scenery along the journey. Thrill is there all the way along the track. With the supplement of elaborate landscaping and theming, passengers may find themselves charging into an abandoned mine tunnel, snaking through rock formations or hustling through twigs and leaves of a woodland.

Thrill Level : ★★★★★



Track Height
15.4m



Track Length
770m
Including 20m
maintenance track



Max Running
Speed
48km/h



Installed
Capacity
350kVA



Load
26riders/train × 2



Area
74m × 86m



Theory Load
1040pph



Suspended Coaster XGC-16B

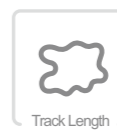
The Suspended Coaster XGC-16B is one of our thrilling roller coasters for major amusement parks. Covering an area of 80*40m, the 16-passenger themed train is suspended below the track and offers passengers a completely different experience from that of riding a sit-down roller coasters.

The inverted coaster swoops, twists and rolls, reverses and spirals under the force of gravity, performing all the heart-stopping tricks throughout the track. Capable of entertaining around 480 visitors per hour, this thrilling roller coaster can be a major attraction and money maker for any park owners.

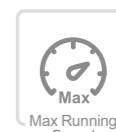
Thrill Level : ★★★★★☆



Track Height
20.5m



Track Length
377m



Max Running Speed
63km/h



Installed Capacity
160kVA



Load
16riders/train × 1



Area
80m × 39m



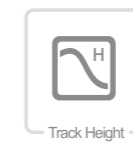
Theory Load
480pph



Racing Coaster KSC-161

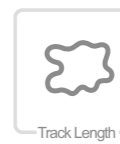
KSC-161 supplies a medium-size interactive coaster for families' purpose. It is a fantastic family gravity coaster with novel dual track design, built with two trains for 16 passengers each, running on 2 separate track. Under the control system, 2 trains look like racing on the track and they will start from the platform together and come back together. During the race, they will lead each other several times, and the winner is the one who get more fun than another. With big capacity of 640 riders per hour, it is an excellent choice for the park owners.

Thrill Level : ★★★★★



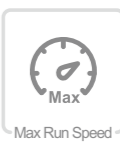
Track Height

13.6m



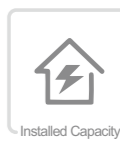
Track Length

A: 300m
B: 304m



Max Run Speed

A: 46km/h
B: 45km/h



Installed Capacity

400kVA



Load

A: 16riders/train×1
B: 16riders/train×1



Area

91m×55m



Theory Load

640pph

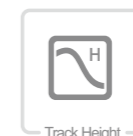
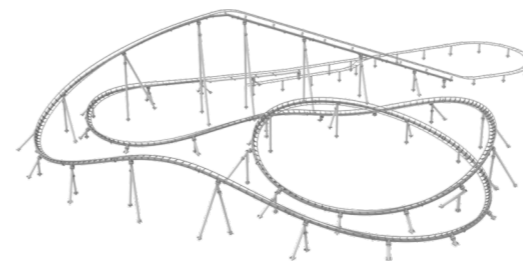


Family Coaster 5BE-216 0385/KSC-16M

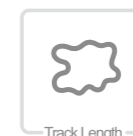
KSC-16M supplies a medium-size roller coaster for families' purpose. It uses friction wheel drive system and magnetic breaking system, to make the train very smooth and silent.

It is a fantastic family gravity coaster with nice design, built with two trains for 16 passengers each. With big capacity 1040 riders per hour, it is a good choice for the park owners.

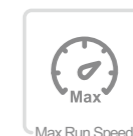
Thrill Level : ★★☆☆☆



Track Height
13.2m



Track Length
385m



Max Run Speed
51.8km/h



Installed Capacity
300kVA



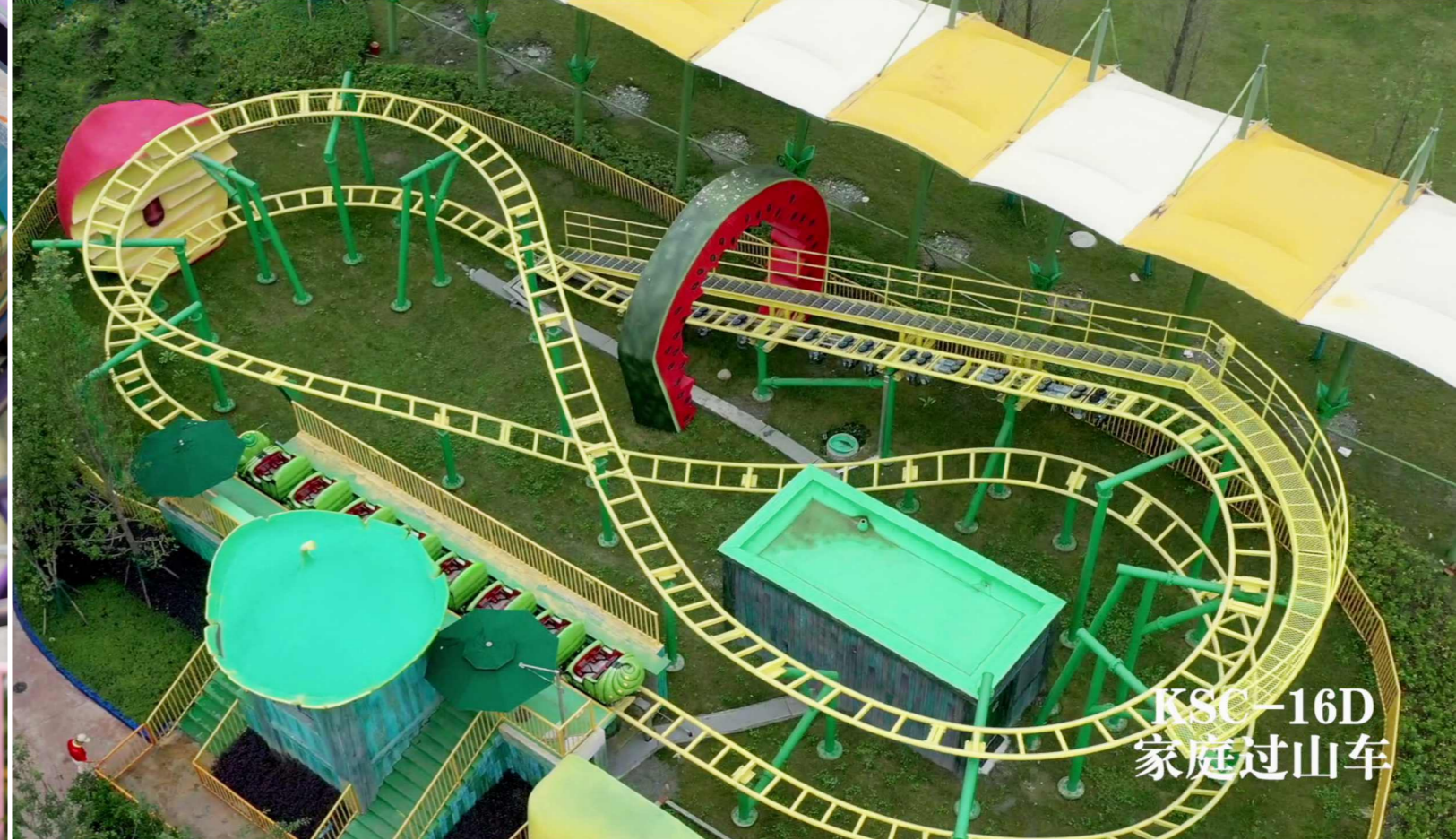
Load
16riders/train × 2



Area
78m × 54m



Theory Load
1040pph



Family Coaster KSC-16A

KSC-16A supplies a medium-size roller coaster for families' purpose. It is a fantastic family gravity coaster with nice design, built with two trains for 16 passengers each. With big capacity 800 riders per hour, it is a good choice for the park owners.

Thrill Level : ★★☆☆☆



Track Height

9.6m



Track Length

265m
Including 20m
maintenance track



Max
Running
Speed

38km/h



Installed
Capacity

160kVA



Load

16riders/train×2



Area

48m×41m



Theory Load

960pph



Family Coaster KSC-16D

A medium-size coaster ride, KSC-16D is designed for passengers from all age groups, particularly for the younger ones.

With a simple and moderate track trajectory within a 20m×34m footprint, this family coaster is able to give the passengers a taste of saturated excitement of riding a roller coaster, making them addicted and crave for a notch up. Each seat is designed with the individual lap bar to secure the passenger in place. It is a funny roller coaster with low maintenance that is easy to operate.

Thrill Level : ★★☆☆☆



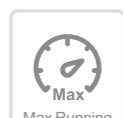
Track Height

6.5m



Track Length

160m



Max
Running
Speed

31km/h



Installed
Capacity

120kVA



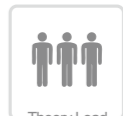
Load

16riders/train×1



Area

34m×20m



Theory Load

480pph



Junior Coaster KSC-12A

KSC-12A is a latest junior coaster designed by Jinma, covering a small area while containing giant fun. The toucan themed train is very attractive to kids and animal lovers. 12 seats equipped with pressure bar for each are available for both adults and children, so it's great for kids to ride it with parents' company.

The foundation-free design makes the coaster a perfect choice for outdoor parks, indoor parks, FECs or carnival events!

Thrill Level : ★★★★★



Track Height
3.9m



Track Length
78m



Max Run Speed
23km/h



Installed Capacity
43kVA



12riders/train × 1



25.5m × 15.5m



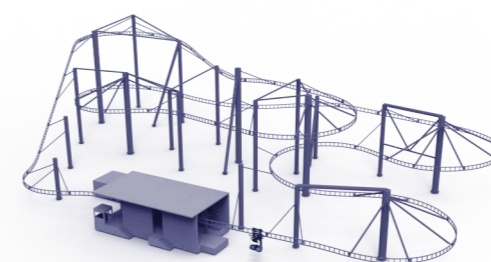
Theory Load
360pph



Suspended Sightseeing Coaster XGB-4B

XGB-4B is a new type of high-altitude sightseeing vehicle. Passengers can experience a panoramic view in high altitude. When the vehicle turns, the passengers will experience the motion of swinging. This ride is deeply loved by families passengers, by combining themes and interactions, it creates different immersive experiences.

Thrill Level : ★★☆☆☆



Track Height
19.1m



Track Length
514m+9m



Max Run Speed
30km/h



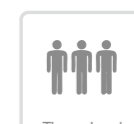
Installed Capacity
43kVA



Load
4riders/train × 1



Area
108m × 63m



Theory Load
320pph



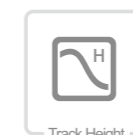
Family coaster 5BE-118-0248/KSC-18B



KSC-18A is a new family coaster designed by Jinma Rides. When 18 passengers get on the train and the lap bar is locked, train starts running from the station and then slides smoothly to the lifting area. The friction wheels lift the train to the top and release it. Then it will start its free taxiing under gravity.

After the funny but not thrilling taxiing, the train will be braked smoothly by magnetic brakes, and stopped by mechanical brakes.

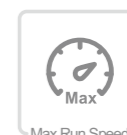
Thrill Level : ★★☆☆☆



Track Height
9.6m



Track Length
248m



Max Run Speed
38km/h



Installed Capacity
230kVA



18riders/train × 1



57m × 16m



648pph