

Product Overview

The art of family fun



Interactive family rides built on 50 years of engineering experience.

ABC Engineering AG was founded in 1997 in Switzerland. With more than 20 years in business, ABC has successfully designed, engineered, and delivered more than 120 amusement rides to customers worldwide.

Our highly qualified engineers and technical staff have many years of experience in the amusement rides industry and use their proven know-how to develop our range of off-the-shelf and custom-designed rides.

ABC is able to offer a wide variety of amusement rides with a focus on small to medium size family attractions.



Water Rides

Start with the splashy fun



- 4 | Water Rides
- 12 | Tower Rides
- 18 | Track Rides
- 22 | Carousel Rides
- 26 | Roller Coasters

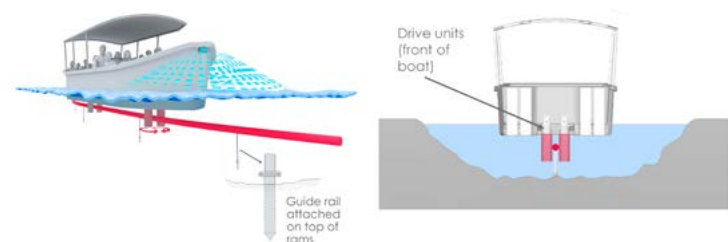
| | |
|-----------------------------|---|
| Ground space* | 34 x 34 m |
| Ride length* | 120 m |
| Track width in channel | 2.2 m |
| Water depth | min. 0.7 m |
| Number of boats | 8 |
| Passengers per boat | 2 |
| Ride time | 120 sec. |
| Dispatch time | 20 sec. |
| Theoretical hourly capacity | 360 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |



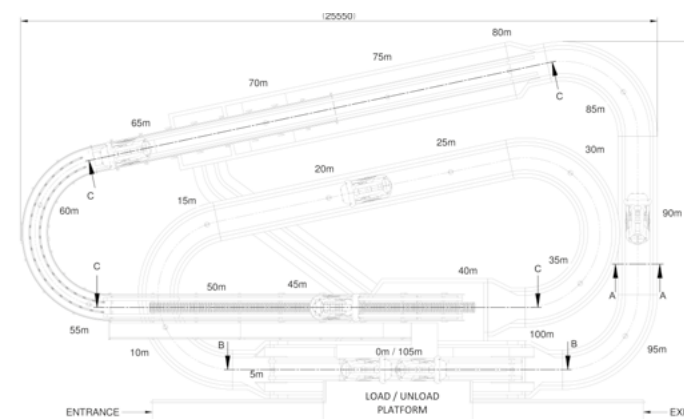
- Motorized boats with steering function creating a real self-driving feeling
- Interactive fun ride for the whole family
- Highest possible through-put achieved by using dynamic block-system (anti-collision and distance control system)



| | |
|-----------------------------|---|
| Ground space* | customized |
| Channel length* | 400 m |
| Speed | 1.25 m/sec. |
| Number of boats | 6 |
| Passengers per boat | 24 |
| Ride time | 400 sec. |
| Dispatch time | 80 sec. |
| Theoretical hourly capacity | 1080 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |



- Individual boat drive control system including anti-collision system
- Simple guiding system under water – no cables needed
- Perfect fit for a themed boat ride
- Optional added water cannons



Mini-Flume

- A classic park ride designed for kids
- Perfect system for a themed ride
- Big, splashy fun on a small footprint

| | |
|-----------------------------|---|
| Ground space* | 15 x 26 m |
| Ride length* | 105 m |
| High section length | 8.8 m |
| Chute height | 3.2 m |
| Lift height | 4.1 m |
| Number of boats | 5 |
| Passengers per boat | 1 adult & 1 kid or 3 kids |
| Ride time | 120 sec. |
| Dispatch time | 40 sec. |
| Theoretical hourly capacity | 270 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

All data are approximate and subject to adjustment during the final engineering.

Flume Ride

Four passengers in-line

Highlights

- Must-have attraction for every amusement park
- A classic ride system, loved by all guests
- Layout and flume design possibilities are endless
- Special elements possible such as switch tracks, vertical lifts or backward facing downchutes

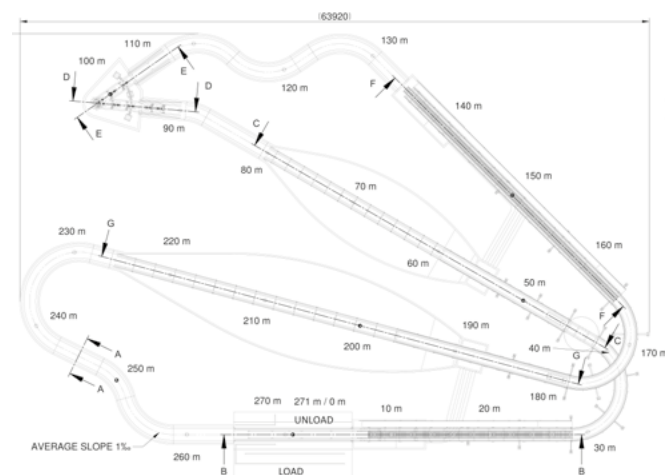
Technical Specification - 4

| | |
|-----------------------------|---|
| Ground space* | 45 x 64 m |
| Ride length* | 271 m |
| Lift height 1 | 7 m |
| Chute height 1 (reverse) | 7 m |
| Lift height 2 | 10 m |
| Chute height 2 | 10 m |
| Number of boats | 8 |
| Passengers per boat | 4 (2 adults & 2 kids or 3 adults) |
| Ride time | 210 sec. |
| Dispatch time | 35 sec. |
| Theoretical hourly capacity | 411 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

* Variable according to customer layout or dimensions, with respect to technical limits and safety regulations.

** If accompanied by an adult and depending on local regulations, minimum height requirement can be lower.

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Flume Ride

Three rows - two passengers abreast

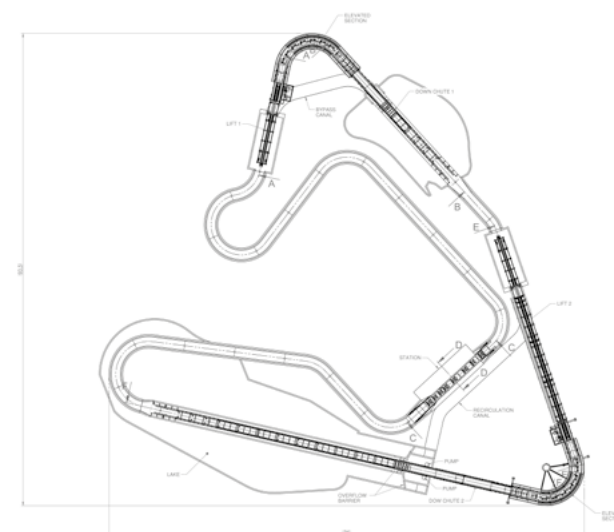
Technical Specification - 6

| | |
|-----------------------------|---|
| Ground space* | 94 x 94 m |
| Ride length* | 426 m |
| Lift height 1 | 5 m |
| Chute height 1 (reverse) | 4.8 m |
| Lift height 2 | 20 m |
| Chute height 2 | 19.5 m |
| Number of boats | 9 |
| Passengers per boat | 6 |
| Ride time | 245 sec. |
| Dispatch time | 35 sec. |
| Theoretical hourly capacity | 617 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

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Wild white water ride

- This ride guarantees splashy, wet fun suitable for all ages
- Every ride is a new experience – highly re-rideable
- Layout and raft design possibilities are endless
- Special water effects to enhance experience

| | |
|-----------------------------|---|
| Ground space* | 74 x 74 m |
| Channel length* | 232 m |
| Lift height* | 3.6 m |
| Number of boats | 5 |
| Passengers per boat | 6 |
| Ride time | 120 sec. |
| Dispatch time | 40 sec. |
| Theoretical hourly capacity | 540 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

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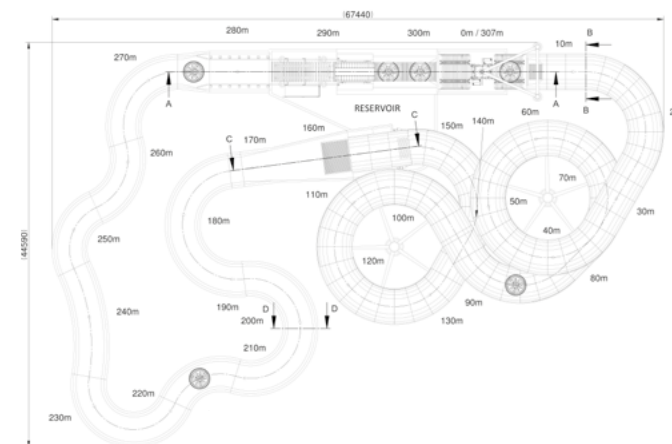
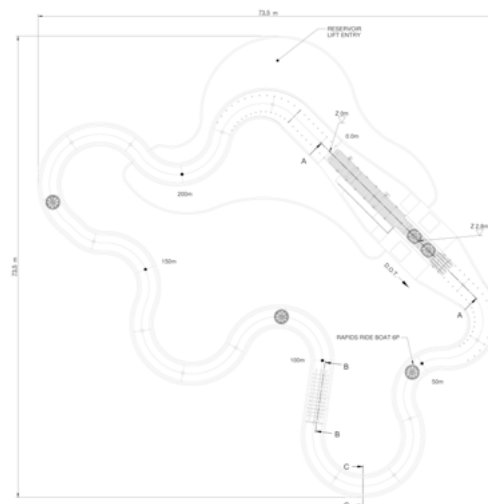


Swirling down the slope

- 180 degree rotating vertical lift
- Spiral slope enhances swirling of rafts at final splash landing into canal
- Shared, splashy fun experience due to face-to-face seating

| | |
|-----------------------------|---|
| Ground space* | 45 x 67 m |
| Ride length* | 307 m |
| Spiral channel length* | 150 m |
| Vertical lift height | 23 m |
| Vertical lifting stroke | 13.3 m |
| Number of boats | 5 |
| Passengers per boat | 6 |
| Ride time | 120 sec. |
| Dispatch time | 40 sec. |
| Theoretical hourly capacity | 540 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

** If accompanied by an adult and depending on local regulations, minimum height requirement can be lower.



Interactive Boat

Water cannons on board

Highlights

- Interactive boat ride with on-board water cannon fun for the whole family
- Optional on-shore cannons for splash battles available
- Motorized boats with steering function creating a real self-driving feeling

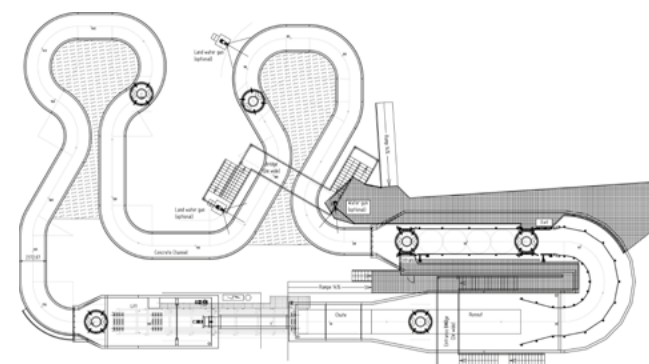
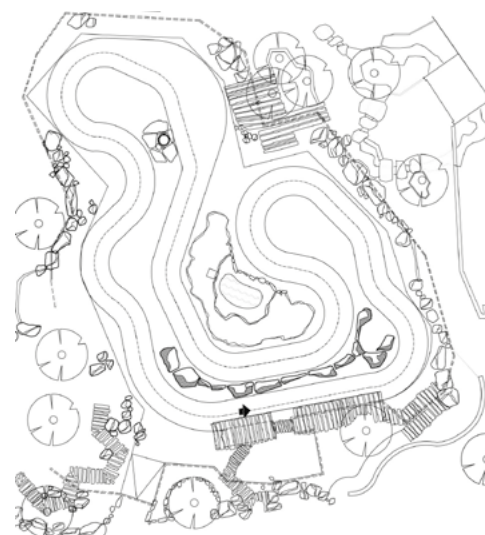
Technical Specification

| | |
|-----------------------------|---------------------------------------|
| Ground space* | 50 x 55 m |
| Channel length* | 180 m |
| Speed | 3.6 km/h |
| Water guns per boat | 3 |
| Number of boats | 8 |
| Passengers per boat | 4 |
| Ride time | 180 sec. |
| Dispatch time | 30 sec. |
| Theoretical hourly capacity | 480 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

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Interactive Roundboat

Fun splash battles

Highlights

- Interactive boat ride with on-board water cannon fun for the whole family
- Optional on-shore cannons for splash battles available
- Roundboat design allows for down chutes
- Navigates through canal by the flow of water

Technical Specification

| | |
|-----------------------------|---------------------------------------|
| Ground space* | 30 x 55 m |
| Channel length* | 185 m |
| Speed | 3 m/sec. |
| Water guns per boat | 4 |
| Number of boats | 6 |
| Passengers per boat | 4 |
| Ride time | 200 sec. |
| Dispatch time | 40 sec. |
| Theoretical hourly capacity | 360 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

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Tower Rides

Touch the sky with our towers



Interactive Tower

Interactive decorative attraction

Technical Specification - 20

| | |
|---|---------------------------------------|
| Ground space (incl. clearance envelope) | Ø 21 m |
| Total height | 15 m |
| Lift height | 11 m |
| Lift speed | 0.75 m/sec. |
| Rotating speed | 0-8 rpm |
| Max. inclination | 30° |
| Number of gondolas | 10 |
| Passengers per gondola | 2 |
| Load / unload time | 30 sec. |
| Ride time | 90 sec. |
| Total cycle / dispatch time | 120 sec. |
| Theoretical hourly capacity | 600 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

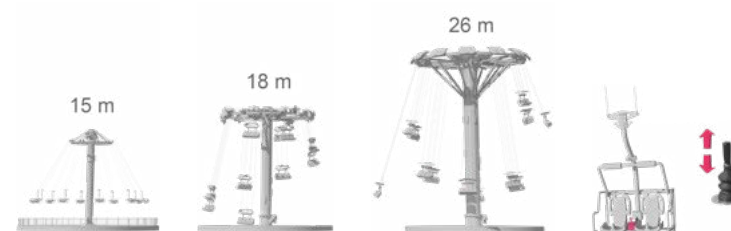
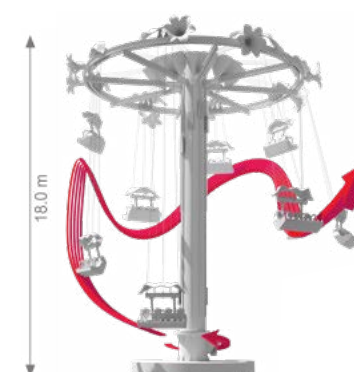
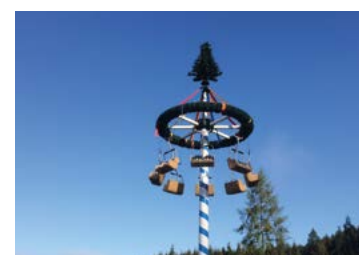
Interactive Tower

Interactive decorative attraction

Highlights

- Guests can control the vertical motion of their gondola using a joystick
- Simplified, maintenance-friendly technology using only electrical drives
- Individual lap bar restraints
- Gondolas swing out while tower is rotating
- Increased instant capacity from 16 to 20 passengers on the smaller model
- New, larger 32 passenger version with 26 m high tower and 4 passenger vehicles

UPDATED



Technical Specification - 32

| | |
|---|---------------------------------------|
| Ground space (incl. clearance envelope) | Ø 31 m |
| Total height | 26 m |
| Lift height | 20.5 m |
| Lift speed | 2 m/sec. |
| Rotating speed (left / right) | 0-4.5 / 0-3.8 rpm |
| Max. inclination (left / right) | 17° / 10.45° |
| Number of gondolas | 8 |
| Passengers per gondola | 4 |
| Load / unload time | 30 sec. |
| Ride time | 90 sec. |
| Total cycle / dispatch time | 120 sec. |
| Theoretical hourly capacity | 960 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

** If accompanied by an adult and depending on local regulations, minimum height requirement can be lower.

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Carousel Tower

Flying carousel attraction

Highlights

- New carousel ride
- Impressive tower height up to 25 m
- Individual lap bar restraints
- Gondolas swing out while tower is rotating
- Unique ride experience due to variable rope lengths

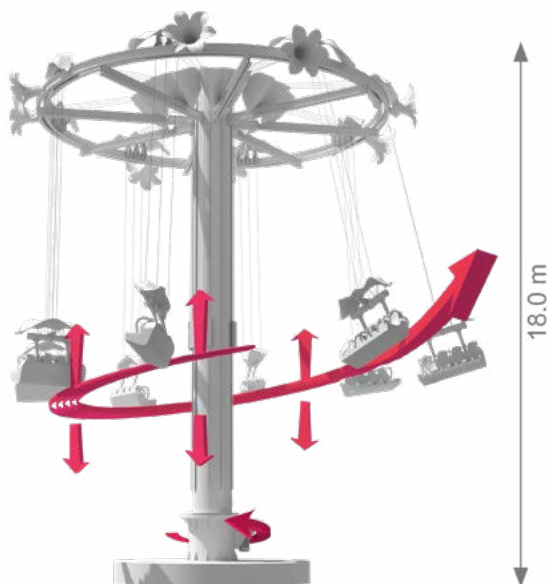
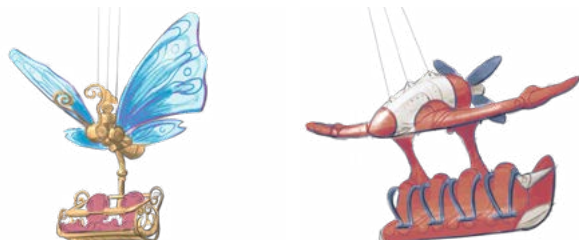
Technical Specification – 20

| | |
|---|---------------------------------------|
| Ground space (incl. clearance envelope) | Ø 21 m |
| Total height | 15 m |
| Lift height | 11 m |
| Lift speed | 0.75 m/sec. |
| Rotating speed | 0-8 rpm |
| Max. inclination | 30° |
| Number of gondolas | 10 |
| Passengers per gondola | 2 |
| Load / unload time | 30 sec. |
| Ride time | 90 sec. |
| Theoretical hourly capacity | 600 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

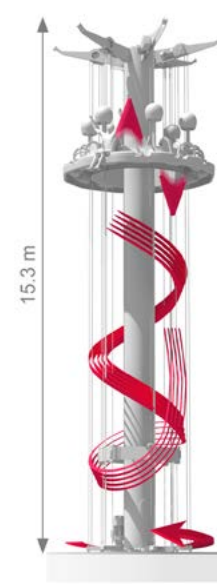
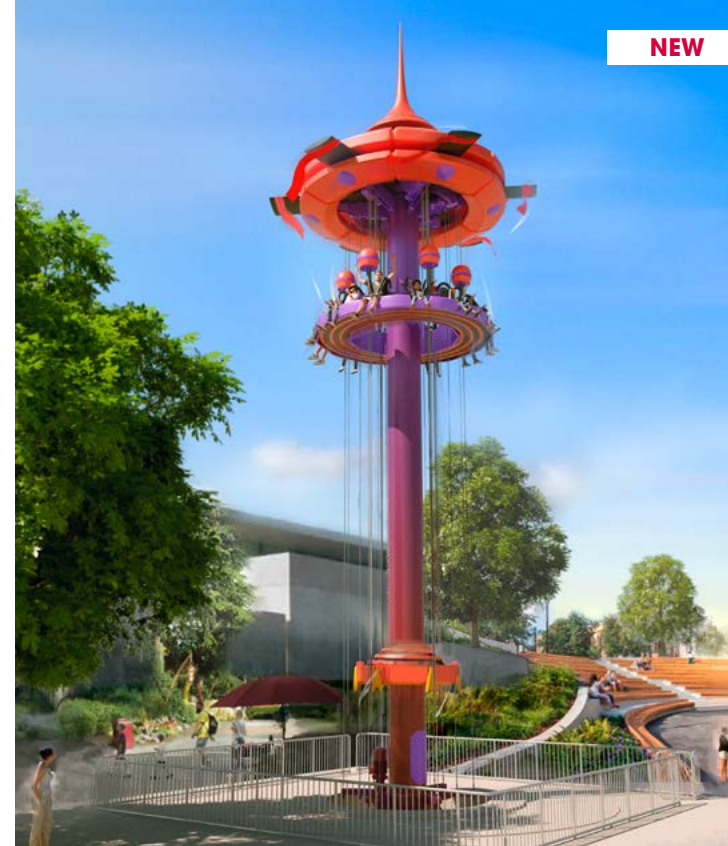
Technical Specification – 32

| | |
|---|---------------------------------------|
| Ground space (incl. clearance envelope) | Ø 28 m |
| Total height | 18 m |
| Lift height | 14.5 m |
| Lift speed | 2 m/sec. |
| Rotating speed (left / right) | 0-4.5 / 0-3.8 rpm |
| Max. inclination (left / right) | 17° / 10.45° |
| Number of gondolas | 8 |
| Passengers per gondola | 4 |
| Load / unload time | 30 sec. |
| Ride time | 90 sec. |
| Theoretical hourly capacity | 960 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

NEW



NEW



Hopper Tower

Hopping up and down while rotating

Highlights

- New "hopping" tower ride
- Smooth ride experience due to new rope guiding system
- Free-fall sensation for youngsters

Technical Specification

| | |
|-----------------------------|---------------------------------------|
| Ground space | Ø 7.3 m |
| Total height | 15.3 m |
| Lift height | 10 m |
| Lift speed | 0-3 m/sec. |
| Rotating speed (optional) | 0-4 rpm |
| Number of vehicles | 1 |
| Vehicle capacity | 12 |
| Load / unload time | 45 sec. |
| Ride time | 60 sec. |
| Total cycle / dispatch time | 105 sec. |
| Theoretical hourly capacity | 411 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

** If accompanied by an adult and depending on local regulations, minimum height requirement can be lower.

All data are approximate and subject to adjustment during the final engineering.

Motion Tower Nautilus

Wet and wild tower ride

Highlights

- Up to 25° roll angle of the gondola
- One-of-a-kind tower ride
- Ride time and number of cycles variable
- Possibility to integrate creative lighting and color beams

Technical Specification

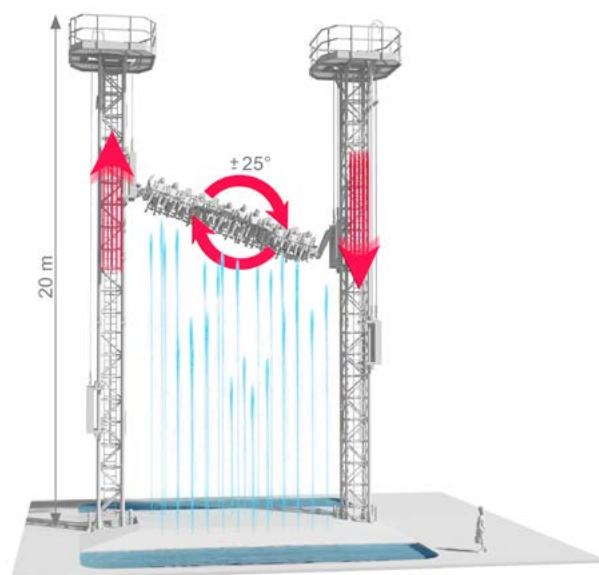
| | |
|-------------------------------|---------------------------------------|
| Ground space | 5 x 13 m |
| Tower height* | 19.5 m |
| Gondola lift height | 15 m |
| Max. vertical speed | 5 m/sec. |
| Nominal vertical acceleration | ± 0.5 g |
| Max. roll angle | ± 25° |
| Max. roll speed | ± 15°/sec. |
| Number of vehicles | 1 |
| Vehicle capacity | 24 |
| Ride capacity | 24 |
| Load / unload time | 60 sec. |
| Ride time | 90 sec. |
| Total cycle / dispatch time | 150 sec. |
| Theoretical hourly capacity | 580 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

* Variable according to customer layout or dimensions, with respect to technical limits and safety regulations.

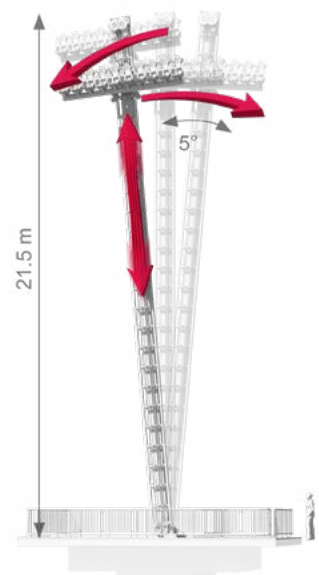
** If accompanied by an adult and depending on local regulations, minimum height requirement can be lower.

All data are approximate and subject to adjustment during the final engineering.

NEW



UPDATED



Dynamic Tilt Tower

Up and down, side to side

Highlights

- Simplified technology using only electric belt drives
- Tower height up to 20 m
- New seats with individual lap bar
- Real time motion controls for a highly dynamic ride experience

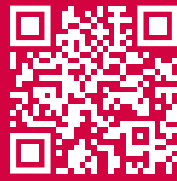
Technical Specification

| | |
|-----------------------------|---------------------------------------|
| Ground space | 9.5 x 6 m |
| Total height | 21.5 m |
| Gondola lift height | 19.5 m |
| Max. tilt angle | 5° |
| Number of vehicles | 1 |
| Vehicle capacity | 10 |
| Load / unload time | 30 sec. |
| Ride time | 60 sec. |
| Total cycle / dispatch time | 90 sec. |
| Theoretical hourly capacity | 400 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

* Variable according to customer layout or dimensions, with respect to technical limits and safety regulations.

** If accompanied by an adult and depending on local regulations, minimum height requirement can be lower.

All data are approximate and subject to adjustment during the final engineering.



Track Rides

On the way to adventures



NEW

Tractor Ride AGV

Automatic Guided Vehicles

Highlights

- State-of-the-art automatic guiding technology
- Very high interactivity for guests
- Flexibility in track routing: Possibility to incorporate switches, humps and obstacles into the route
- Minimum system infrastructure due to trackless vehicles

Technical Specification

| | |
|------------------------------|---------------------------------------|
| Ground space* | customized |
| Ride length* | 228 m |
| Min. track width | 3 m |
| Max. inclination (up / down) | 5 % |
| Max. speed (throttle pedal) | 8 km/h |
| Number of tractors | 6 |
| Passengers per tractor | 2 kids & 2 adults |
| Load / unload time | 40 sec. |
| Ride time | 105 sec. |
| Dispatch time | 26 sec. |
| Theoretical hourly capacity | 554 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

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Tractor Ride Track Guided

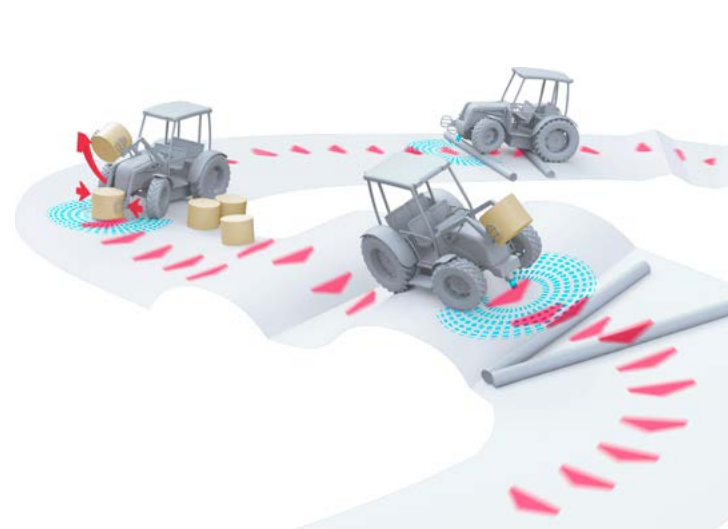
Themed outdoor courses

Technical Specification

| | |
|------------------------------|---------------------------------------|
| Ground space* | 81 × 33 m |
| Ride length* | 228 m |
| Max. inclination (up / down) | 2 % / 4 % |
| Max. speed (throttle pedal) | 5 km/h |
| Number of tractors | 8 |
| Passengers per tractor | 2 kids & 2 adults |
| Dispatch time | 26 sec. |
| Ride time | 155 sec. |
| Theoretical hourly capacity | 554 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

Highlights

- Guests are able to control the speed themselves on this track guided ride
- Interactive fun ride for the whole family
- The steering wheel creates a real self-driving feeling
- Customizable vehicle designs



Farm Ride AGV

Automatic Guided Vehicles

Highlights

- State-of-the-art automatic guiding technology
- Minimum system infrastructure due to trackless vehicles
- Different seating arrangements possible: circular or in-row seating
- Possibility to integrate interactivity into trailers such as rotation counter etc.

Technical Specification

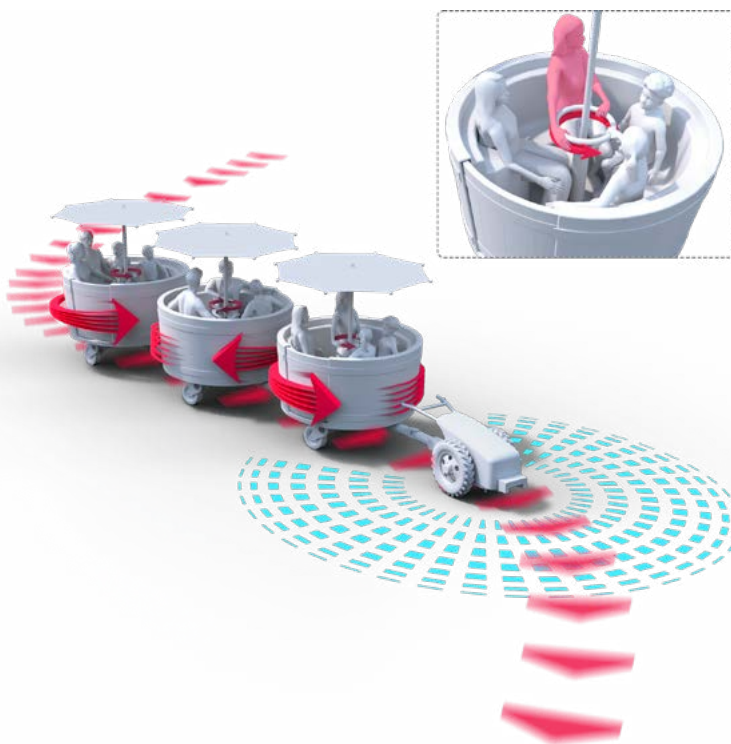
| | |
|------------------------------|---------------------------------------|
| Ground space* | customized |
| Ride length* | 228 m |
| Min. curve radius | 5 m |
| Max. inclination (up / down) | 5 % |
| Max. speed | 1.25 m/sec. |
| Number of trains | 2 |
| Number of carts per train | 3 |
| Passengers per cart | 4 adults or 3 kids & 2 adults |
| Load / unload time | 40 sec. |
| Ride time | 180 sec. |
| Dispatch time | 110 sec. |
| Theoretical hourly capacity | 392 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

* Variable according to customer layout or dimensions, with respect to technical limits and safety regulations.

** If accompanied by an adult and depending on local regulations, minimum height requirement can be lower.

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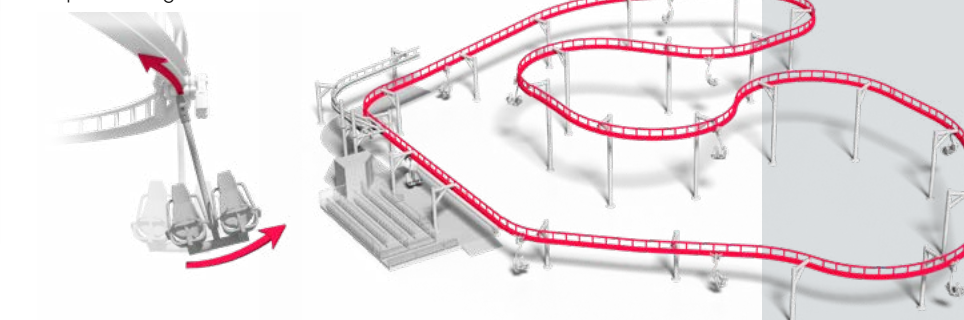
NEW



UPDATED



Suspended Flight 2



Suspended Flight

From a bird's eye view

Highlights

- Suspended powered monorail ride
- New 2-passenger vehicle with free-hanging feet and side swinging at curves
- Highest possible through-put using a dynamic block-system (anti-collision and distance control system)

Technical Specification - 2/4

| | |
|------------------------------|---------------------------------------|
| Ground space* | 59 x 51 m |
| Ride length* | 223 m |
| Max. inclination (up / down) | 5 % |
| Min. curve radius | 5 m |
| Max. speed | 1.5 or 3 m/sec. |
| Number of vehicles | 6 or 7 |
| Passengers per vehicle | 2 or 4 |
| Ride time | 80 or 140 sec. |
| Dispatch time | 20 or 24 sec. |
| Theoretical hourly capacity | |
| 2 passenger vehicle | 360 pph |
| 4 passenger vehicle | 600 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

* Variable according to customer layout or dimensions, with respect to technical limits and safety regulations.

** If accompanied by an adult and depending on local regulations, minimum height requirement can be lower.

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Interactive Swing Ride

Swing height adjustable

Highlights

- Classic swing carousel concept
- Swing height defined by guests via joystick
- Highly dynamic ride experience

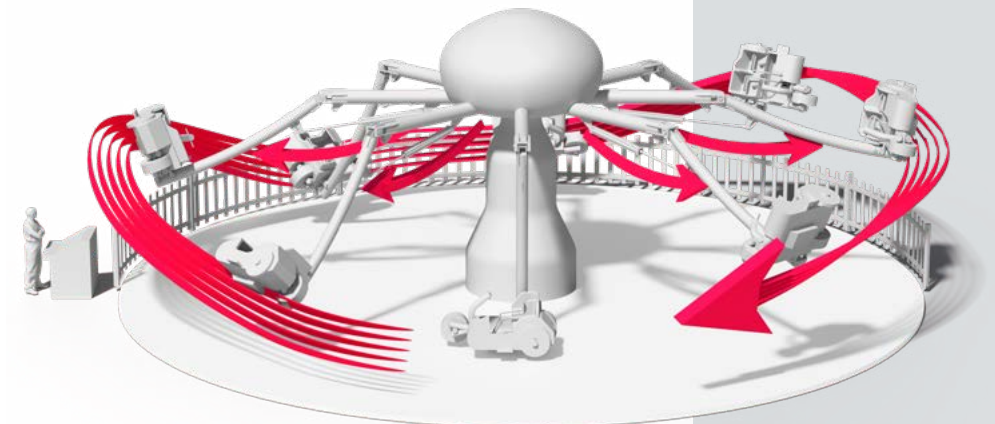
Technical Specification

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| Ground space | Ø 16 m |
| Total height | 5.6 m |
| Number of vehicles | 8 |
| Passengers per vehicle | 2 |
| Rotation speed | 8 rpm |
| Rotation acceleration | 0-8 rpm (within 2 rounds) |
| Ride time | 90 sec. |
| Dispatch time | 120 sec. |
| Theoretical hourly capacity | 480 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

* Variable according to customer layout or dimensions, with respect to technical limits and safety regulations.

** If accompanied by an adult and depending on local regulations, minimum height requirement can be lower.

All data are approximate and subject to adjustment during the final engineering.



Carousel Rides

Round and round

Smart Swing

Swinging Fun

Highlights

- 360 degrees swing experience with free-swinging gondola
- Free fall sensation and airtime moments
- Unique and interesting ride for guests and spectators alike
- Optionally added water features possible to enhance the ride experience even more

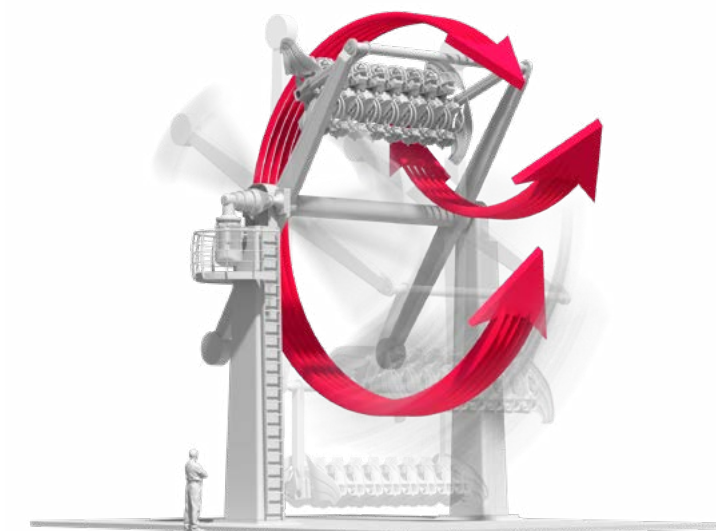
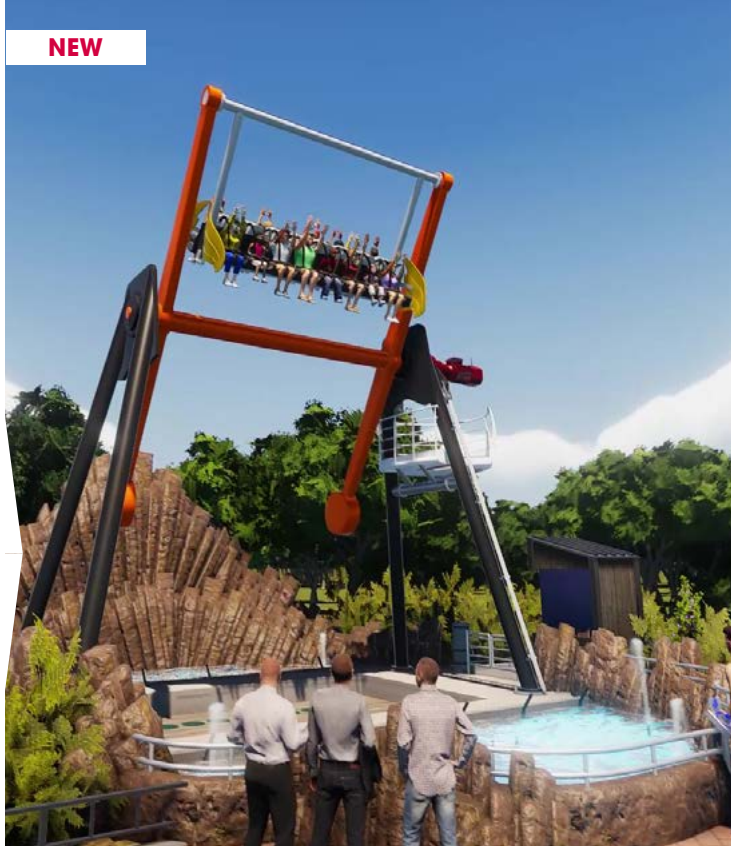
Technical Specification - 10

| | |
|---|---------------------------------------|
| Ground space (incl. clearance envelope) | 14.4 x 12.3 m |
| Total height | 12 m |
| Max. swing height | 11 m |
| Rotation speed | 10 rpm |
| Number of vehicles | 1 |
| Passengers per vehicle | 10 |
| Ride time | 90 sec. |
| Dispatch time | 135 sec. |
| Theoretical hourly capacity | 266 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

Technical Specification - 16

| | |
|---|---------------------------------------|
| Ground space (incl. clearance envelope) | 14.4 x 11 m |
| Total height | 12 m |
| Max. swing height | 10.5 m |
| Rotation speed | 10 rpm |
| Number of vehicles | 1 |
| Passengers per seat row | 8 |
| Passengers per vehicle | 16 |
| Ride time | 90 sec. |
| Dispatch time | 135 sec. |
| Theoretical hourly capacity | 426 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

NEW



Crazy Cars

Crazy figure eight carousel

Highlights

- Exciting figure eight carousel ride
- Cars spin freely while veering around each other
- Face-to-face seating to share the fun ride experience

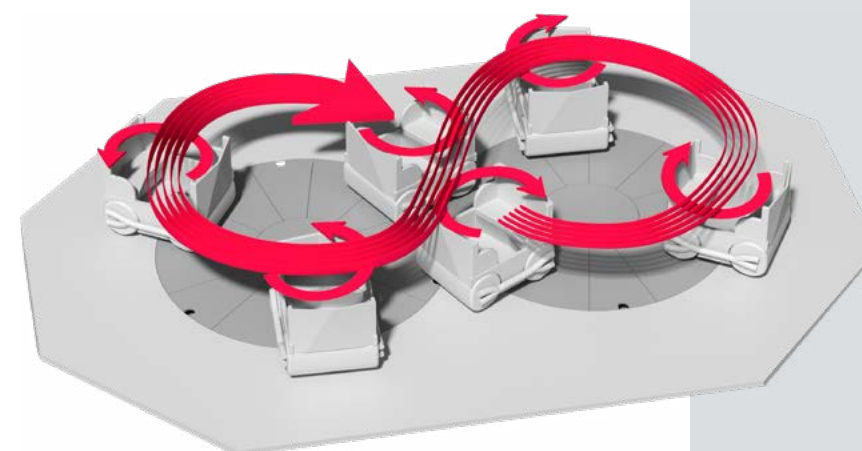
Technical Specification

| | |
|-----------------------------|---------------------------------------|
| Ground space* | 9 x 13 m |
| Rotation speed | 6-8 rpm |
| Number of vehicles | 6 |
| Passengers per vehicle | 4 |
| Ride time | 90 sec. |
| Dispatch time | 120 sec. |
| Theoretical hourly capacity | 720 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

* Variable according to customer layout or dimensions, with respect to technical limits and safety regulations.

** If accompanied by an adult and depending on local regulations, minimum height requirement can be lower.

All data are approximate and subject to adjustment during the final engineering.





Roller Coasters

Explore our coasters



Tube Coaster 280



Tube Coaster 450



Tube Coaster

Children's first coaster experience

Highlights

- Perfect kiddie coaster: 95 cm minimum height requirement accompanied
- Unique bobsled style in-line seating configuration
- Extremely smooth and balanced family thrill experience
- Highly flexible layout design

Technical Specification – 280

| | |
|-----------------------------|---------------------------------------|
| Ground space* | 40 x 24 m |
| Ride length* | 280 m |
| Max. height | 12 m |
| Number of trains* | 2 |
| Passengers per train | 9 |
| Max. speed | 51 km/h |
| Ride time | 106 sec. |
| Dispatch time | 53 sec. |
| Theoretical hourly capacity | 610 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

Technical Specification – 450

| | |
|-----------------------------|---------------------------------------|
| Ground space* | 50 x 48 m |
| Ride length* | 450 m |
| Max. height | 19 m |
| Number of trains* | 2 |
| Passengers per train | 9 |
| Max. speed | 65 km/h |
| Ride time | 126 sec. |
| Dispatch time | 63 sec. |
| Theoretical hourly capacity | 514 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

Booster Coaster

First kiddie launch coaster

Highlights

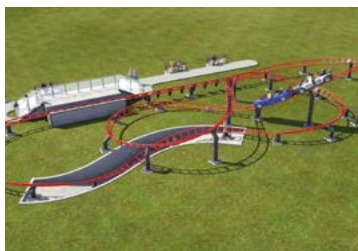
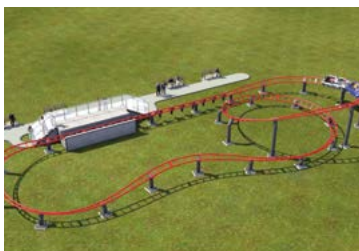
- Allows youngsters to experience their first launch experience
- Well-established booster friction wheel launch technology
- Ultra compact, space-efficient footprint
- Can be used perfectly for dueling layouts
- Ready to take off from the station with on-the-fly boost – multi lap operation possible

Technical Specification – 110

| | |
|-----------------------------|---------------------------------------|
| Ground space* | 35 x 14 m |
| Ride length* | 110 m |
| Max. height | 4 m |
| Number of trains* | 1 |
| Passengers per train | 12 |
| Max. speed | 36 km/h |
| Ride time (1 lap / 2 laps) | 59.5 / 77 sec. |
| Theoretical hourly capacity | 725 / 560 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

Technical Specification – 150

| | |
|-----------------------------|---------------------------------------|
| Ground space* | 40 x 14 m |
| Ride length* | 150 m |
| Max. height | 6 m |
| Number of trains* | 1 |
| Passengers per train | 12 |
| Max. speed | 41 km/h |
| Ride time (1 lap / 2 laps) | 63 / 84.5 sec. |
| Theoretical hourly capacity | 685 / 510 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |



Booster Coaster 110



Booster Coaster 285



Booster Coaster 150



Booster Coaster

First kiddie launch coaster

Technical Specification – 285

| | |
|-----------------------------|---------------------------------------|
| Ground space* | 52 x 24 m |
| Ride length* | 285 m |
| Max. height | 7 m |
| Number of trains* | 1 or 2 |
| Passengers per train | 12 |
| Max. speed | 47 km/h |
| Ride time | 79 or 88 sec. |
| Theoretical hourly capacity | 546 or 940 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

* Variable according to customer layout or dimensions, with respect to technical limits and safety regulations.

** If accompanied by an adult and depending on local regulations, minimum height requirement can be lower.

All data are approximate and subject to adjustment during the final engineering.

Suspended Swing Coaster

Swinging from side to side

Highlights

- Guests are swung from side to side with their feet dangling in the air
- Space-efficient with vertical lift system
- Back-to-back seating, so the ride can be experienced forwards or backwards

Technical Specification

| | |
|-----------------------------|---------------------------------------|
| Ground space* | 85 x 38 m |
| Ride length* | 334 m |
| Max. track height* | 15 m |
| Number of vehicles* | 3 |
| Passengers per vehicle | 4 |
| Max. speed | 50 km/h |
| Ride time | 120 sec. |
| Dispatch time | 40 sec. |
| Theoretical hourly capacity | 360 pph |
| Height requirement** | 95 cm minimum 120 cm unaccompanied |

* Variable according to customer layout or dimensions, with respect to technical limits and safety regulations.

** If accompanied by an adult and depending on local regulations, minimum height requirement can be lower.

All data are approximate and subject to adjustment during the final engineering.

