



SUNKID MOUNTAIN COASTER



Leader in outdoor attractions for kids and families

- 9000+ Projects realized in 75+ countries
- 70+ Mountain Coasters
- 8x Companies in 5 countries
- 3x Production facilities
- More than 145 employees
- 45 sales & service partners
- All from one single source (Design, Manufacturing, Delivery, Installation and After Sales)



Adrenaline and fun experience
Great fun for kids, families and adults
Well-tested for over 25+ years

UNIQUE RIDING EXPERIENCE ON MONORAIL

In every weather and season
Highest safety standards
Low maintenance cost
Made in Austria

OPERATION IN EVERY SEASON

Mountain Coaster is the ideal solution for installation on ski slopes. Its rail system is designed so that it can be set up and dismantled quickly and easily each year. Concrete foundations are not necessary!

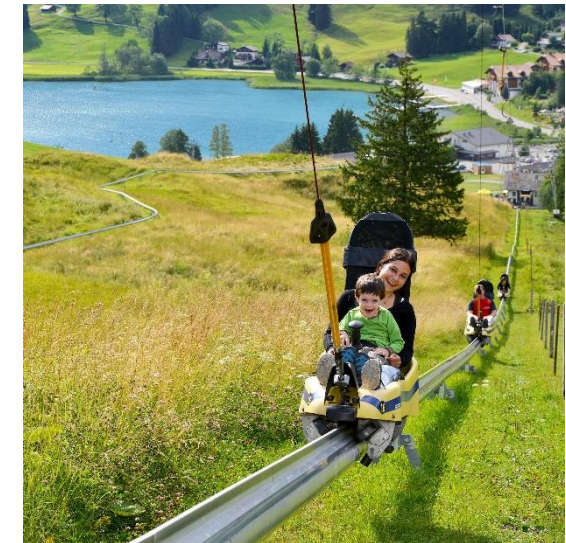


EASY TO DISASSEMBLE – IDEAL SOLUTION FOR SKI SLOPES



SMART TRANSPORT SOLUTIONS

The vehicles can be transported with T-bar or chair lifts, as well as gondola lifts, that are already installed on site. This saves the investment in a new transportation system and maximizes the ROI.



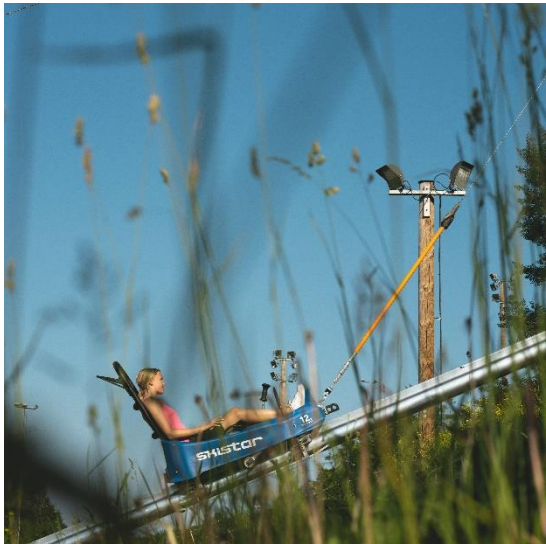


Trysil (Norway)

Factbox

Track length	760 m
Lift length	330 m
Elevation difference	34 m
Average slope - downhill	8 %
Operation	June – October
Installation year	2023





Hammarbybacken (Sweden)

Factbox	
Track length	760 m
Lift length	270 m
Elevation difference	81 m
Average slope - downhill	16 %
Operation	June - November
Installation year	2022

[CLICK FOR VIDEO](#)



Canyon Ski Resort (Canada)

Factbox	
Track length	1350 m
Lift length	460 m
Elevation difference	134 m
Average slope - downhill	15 %
Operation	May – October
Installation year	2022

[CLICK FOR VIDEO](#)

The Mountain Coaster can be installed on almost any terrain.

Thanks to its clever design, the impact on the environment can be kept to a minimum and the track can be integrated very well into the existing terrain.



COST-EFFECTIVE AND FAST INSTALLATION

CLEVER STORAGE OPTIONS





The automatic garage serves as a parking area for all the toboggans of the Mountain Coaster.

The toboggans are positioned on the loading tray and transported through the light curtain. The shifting unit distributes the toboggans between the feeder track and the parking tracks.



STANDARD VERSION

- Partial or complete cover (depending on preferred architecture)
- Possibility to store toboggans vertically outside the rail
- Sunkid can offer a crane system for easy handling
- The Sunkid gallery as an option to cover the parking line

AUTOMATIC VERSION

- Under the roof or in the building
- No operator required - fully automatic system
- Modular solution with multiple lines
- High-capacity system
- Small footprint



NEW!



Foldable backrest

Two tamper proof seat belts
(belt buckle locking system)

Rear rubber bumper

Front LED light

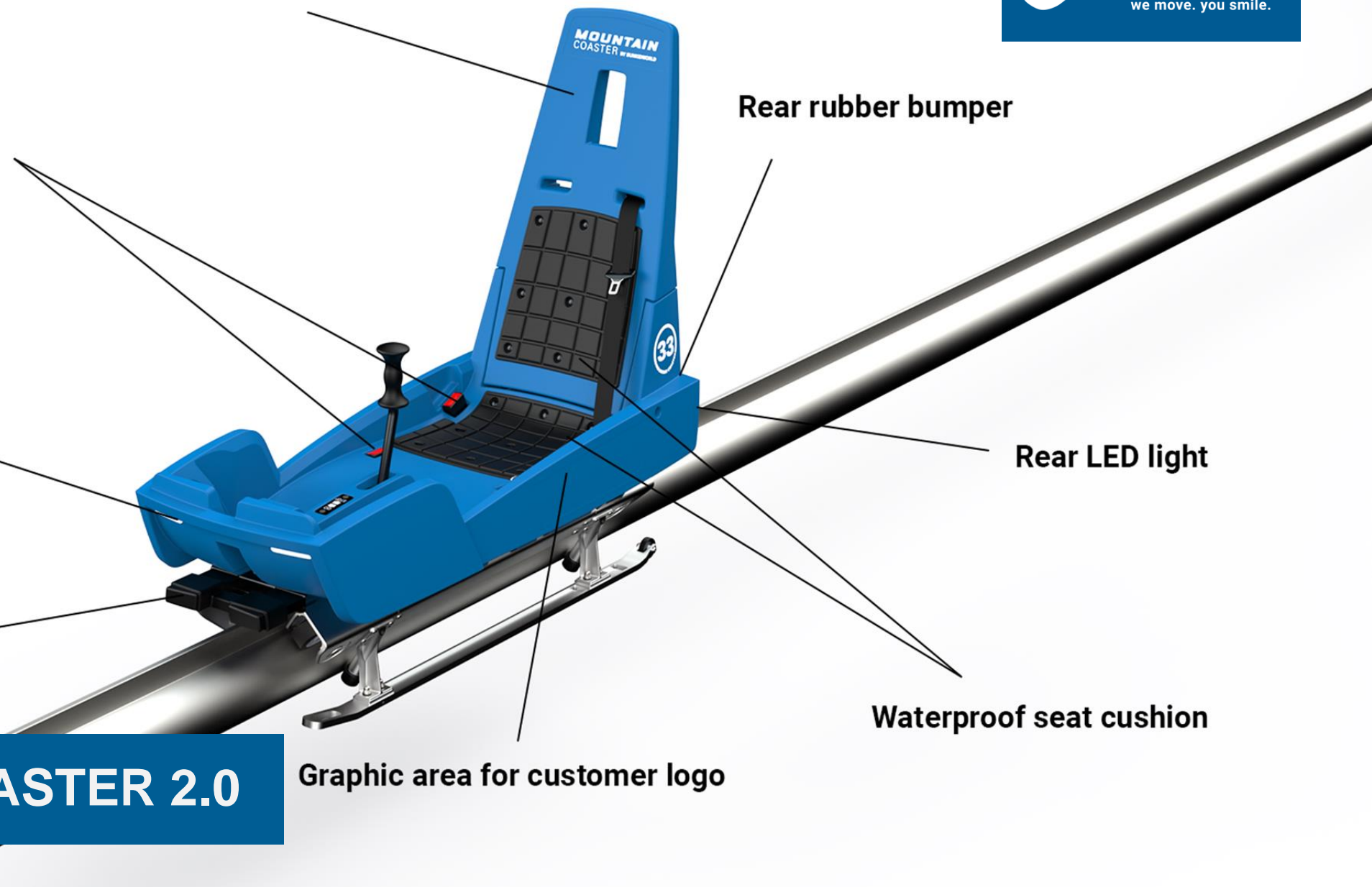
Rear LED light

Front rubber bumper

Waterproof seat cushion

Graphic area for customer logo

MOUNTAIN COASTER 2.0



COMFORT 2.0

- Ergonomic seating position
- Generous space for 1 adult & 1 child
- Fold-down backrest with seat cushion
- More legroom also for ski boots

SAFETY 2.0

- Intelligent assistance and braking system
- Active distance and speed control
- Automatic locking device for seatbelts

EFFICIENCY 2.0

- Wear-free Eddy current brake
- In any weather and season
- Low maintenance cost
- Sunkid planning competence and technical support

KEY FEATURES



2023 – Trysil, Norway
2024 – Szczyrk, Poland
2024 – Bernex, France
2024 – Chamrousse, France
2024 – Oi Qaragai, Kazakhstan

MOUNTAIN
COASTER BY SUNKID WORLD

SKISTAR

REFERENCES MOUNTAIN COASTER 2.0

Loops, Jumps, Waves
SunKid theming expertise
Photo points and interactive features

DESIGN ELEMENTS

BRIDGES





- Overpasses with metallic or wooden fencing
- Natural or modern integration
- Height up to 6m+
- Suitable for road crossings, ski slope crossing, animal crossings
- Concrete foundations for pillars necessary
- Detailed budget after site visit and delivery of map with contour lines



TUNNELS





Underpasses are the ideal solution for roads, ski slopes and animal crossings. Special theming of the tunnels with sound effects, lights and fog machines increases the attractiveness of the ride.





MOUNTAIN COASTER 2.0 – ZIL SKI



Technical Data

Location	ZiL Ski
Track length – total	Approx. 2566 m
Track length – descent	Approx. 1575 m
Elevation difference	Approx. 185 m
Average slope - downhill	Approx. 12 %
Min. slope	7 %
Max. slope	60 %
Speed / Downhill	Max. 40 km/h
Transport System	Existing Surface Lift
Uphill track	Approx. 991 m
Operator – Lift	Customer
Speed (Lift)	1,8 m/s
Number of vehicles	Approx. 50 pcs.
Space	1 adult + 1 child
Number of staff required for operation	Min. 1 – 2 operator (Video surveillance system required)
Capacity with 50 % double occupation	Approx. 320 pph or 210 sleds per hour
Storage system	Automatic storage or manual storage with crane line
Civil works	Necessary civil works will be defined after concept planning and studies

IMPORTANT:
The final track layout can only be determined after exact surveying and Level 2 planning.
Changes to the track length, track layout, position of loops, entrances and exits are possible but not included in the price.

IMPORTANT:
This document is a rough layout plan.
All information and dimensions are without guarantee!
Exact dimensions, lengths and distances can only be defined during detailed planning and after receipt of the necessary documents from the customer!



[CLICK HERE](#)

VIDEO



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