



# Family Coaster



2

 Intensity 

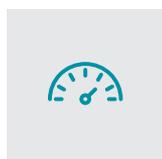
## Great Fun for Young and Old

The Family Coaster by Gerstlauer Amusement Rides offers great fun even for the smallest ones and enough thrills to convince the whole family. Slopes, helices, directional changes and steep turns make the family coaster an adventure for thrill-seekers young and old thanks to harmoniously defined accelerations.

Special effects such as launches, switches and backwards rides add to the fun and make for a variety-filled roller coaster adventure.



Up to  
24 Seats



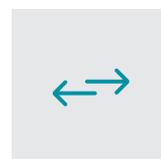
Up to  
60 km/h



Up to  
3 g



Launch  
possible



Forward &  
Backward



3

## TRAINS

The Family Coaster trains can easily accommodate the whole family. Padded single seat shells allow a comfortable, upright sitting position for every body size and thanks to the spacious footwell in each row of seats, adults can also enjoy the exciting ride without restrictions.

Due to the moderate accelerations, headrests are not necessary, so every seat offers a good view of the layout

ahead, even for the smallest passengers.

The up to 24 seats have continuously adjustable individual lap bars, which can be optimally adjusted to the passenger. This allows both taller and shorter passengers to enjoy the adventure safely and comfortably side by side. Optionally, the restraints can be electronically monitored.

## ACCELERATION

The excitement increases with every meter you gain in height! The train of the Family Coaster can be transported upwards using a classic chain lift as well as a friction wheel lift before the family-friendly downhill ride begins.

To start directly from standstill, it is also possible to accelerate up to approx. 50 km/h (31 mph) forward or backward via friction wheel launch.

Of course, all combinations of lifts and launches can be realized in one layout, guaranteeing a most varied roller coaster fun for the whole family.

The Gerstlauer Family Coaster is always good for a surprise and has much more to offer than a conventional family coaster.



## SPECIALS

There are no limits to the layout of the Family Coaster. Thanks to minimal horizontal and vertical track radii, it can be designed very flexibly and the available space can be used in an optimal way.

Since the trains are designed to run in both directions, the track can be run completely or partially backwards. This allows not only shuttle layouts but also complex layouts with different forward and backward passages.

Here is just a selection of possible special features:

- Shuttle Layout
- Open Track End
- Switch Track
- Rotating Platform
- Free Fall Element
- Friction Wheel Launch (Forward & Backward)

## TECHNICAL DETAILS

To ensure safe operation and efficient maintenance, the Family Coaster comes with many features that allow an easy handling of the attraction, such as:

- State-of-the-Art safety PLC
- Operator panel incl. color touch screen
- Easily adjustable side and upstop wheels for wear compensation

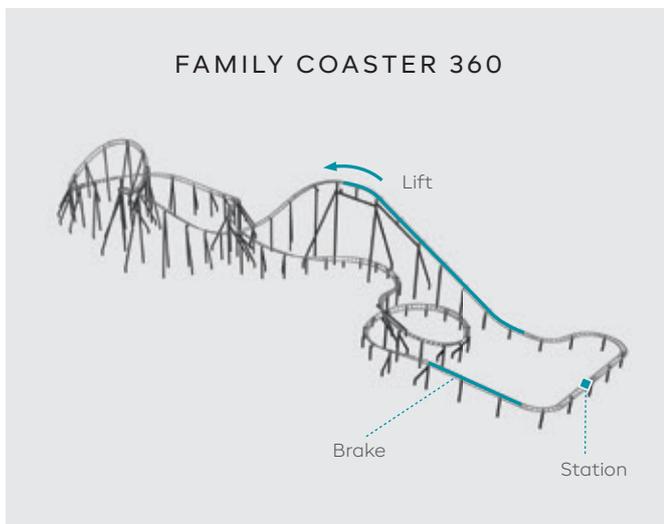
- Large running wheel diameter for long service life and superior ride smoothness
- Fail-safe magnetic brakes – low maintenance and wear-free
- Chain lift with a single and energy-efficient motor or friction wheel lift or launch





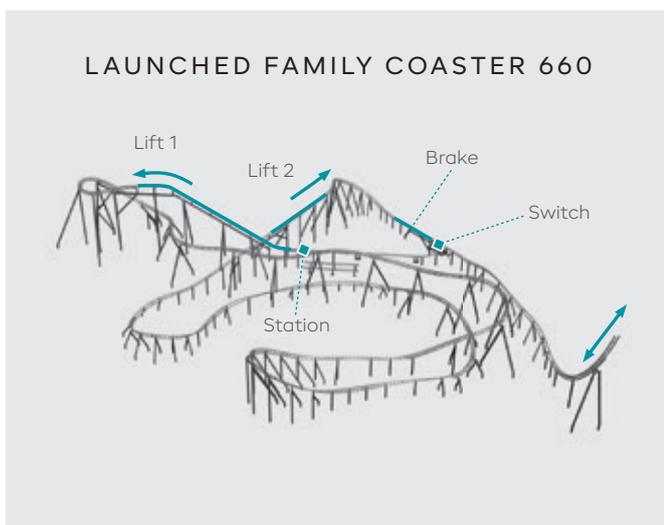
<b>12 m</b> 39 ft	<b>50 km/h</b> 31 mph	<b>201 m</b> 659 ft
<b>Height</b>	<b>Speed</b>	<b>Track Length</b>

Experienced Track Length	425 m / 1394 ft
Width	67 m / 220 ft
Depth	38 m / 125 ft
Track Width	800 mm
Vertical Acceleration max.	3.0 g
Trains (20 persons)	1
Capacity	485 pph
Connected Load	140 kW



<b>16 m</b> 52 ft	<b>50 km/h</b> 31 mph	<b>360 m</b> 1181 ft
<b>Height</b>	<b>Speed</b>	<b>Track Length</b>

Width	108 m / 354 ft
Depth	31 m / 102 ft
Track Width	800 mm
Vertical Acceleration max.	2.9 g
Trains (24 persons)	1
Capacity	750 pph
Connected Load	80 kW



<b>18.5 m</b> 61 ft	<b>56 km/h</b> 35 mph	<b>660 m</b> 2165 ft
<b>Height</b>	<b>Speed</b>	<b>Track Length</b>

Experienced Track Length	760 m / 2493 ft
Width	87 m / 285 ft
Depth	84 m / 276 ft
Track Width	800 mm
Vertical Acceleration max.	2.8 g
Trains (20 persons)	3
Capacity	1000 pph
Connected Load	800 kW

All figures are approximate. Design and specifications are subject to change.

Individual and customized layouts upon request.

Picture credits: 1, 3: F. Lanfer | 2: Freizeitpark Ruhpolding