

Ballistic Tower 20



INTAMIN
AMUSEMENT RIDES

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The Ballistic Tower 20 is yet another variation of the very popular Intamin free fall ride. In this ride, four different ride effects are provided. Other effects are also possible. The 20-passenger vehicle has a unique ride effect created by shooting the vehicle to the top of the ride using special pneumatic cylinders.

At the top of the ride, the vehicle is stopped and then suddenly shot downwards. Alternatively, the vehicle can be released and go into normal freefall. The vehicle descends at speeds of up to 20 m/sec (72 km/h). At a certain point the air pressure builds up in the air cylinders which creates a braking effect and bounce the vehicle and its passengers back up before dropping them back down to the bottom of the ride. The vehicles actually follow a ballistic trajectory.

The vehicle comes to a rest and is in a controlled state by use of the patented magnetic braking system. This braking system is also used at the top of the ride as an emergency brake in the unlikely event of the vehicle going too high on its initial trajectory.

By using these braking systems the capacity of the ride can be closely controlled whichever program of ride effect is used.



Technical Data

Ballistic Tower 20

Height of tower	up to 65 m (higher upon request)
No. of vehicles	1
Max. speed	up to 72 km/h (faster upon request)
Capacity per vehicle	20
Hourly capacity	up to 1050 pph

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