

LSM Launch Coaster

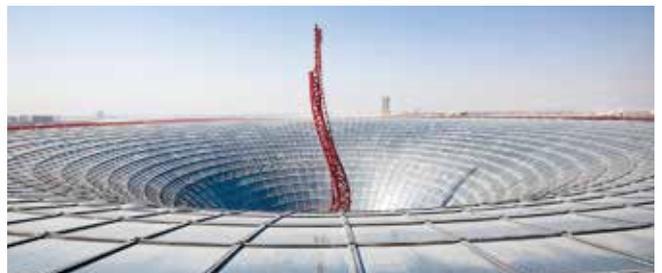


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Over the years, Intamin has established the most comprehensive range of roller coasters of any manufacturer in the world. It may therefore come as no surprise that Intamin has developed yet another form of coaster launch system which allows better control of overall ride performance. The 6th generation of Linear Synchronous Motors, LSM, utilizes the principle of electrical magnetic fields to launch the train from the station reaching high speeds in a short amount of time. Not only does LSM reduce the cost of maintenance as compared to other launch possibilities, but also the system can be reversed to act as magnetic brakes.

This attraction belonging to the family of high profile coasters, has proven to be most popular around the world. The vehicles are designed so that guests are comfortable and held in the correct way for the high acceleration that they will experience. The layout can include all the usual combinations of figures and elements, such as traditional loops, rolls, corkscrews, air-time, etc. The very popular open design of the trains enhances the overall thrill element and the variety of designs of bodies provided allows free range to the imaginations of park creators.



Technical Data

LSM Launch Coaster

Length of track	up to 1350 m (longer upon request)
Max. speed	up to 180 km/h (faster upon request)
Capacity per train	up to 20
Hourly capacity	up to 1300 pph (higher upon request)
Total height	up to 120 m (higher upon request)

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