



## X-Car Launch XL 1000 Formule X, Drievliet Family Park/Holland



### Project Data

site: Den Haag / Holland  
customer: Drievliet Family Park  
design: Maurer XTRAC™  
third party: TÜV Sued, Munich  
project start: Juni 2006  
opening: April 2007

### Technical Data

track length:	316 m	(1036 ft.)
height:	15 m	(50 ft.)
cars:	2 x 6-seater X-Car	
capacity:	650 pph	
base area:	50 x 50 m	(164 x 164 ft.)
speed $v_{max}$ :	70 km/h	(44 mph)

### Special Features

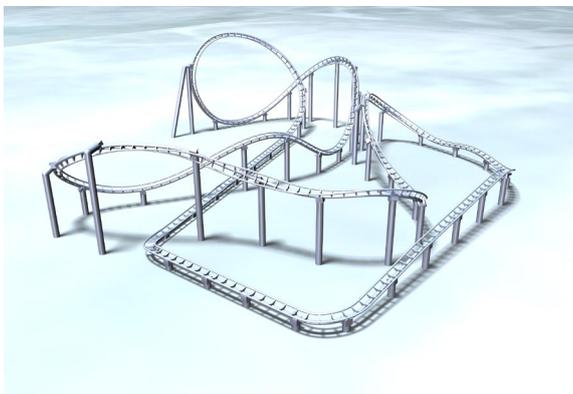
LSM Launch with 22m and acceleration of 1g  
extremely exciting ride with a very compact layout  
excellent seat comfort and 3 inversions without  
shoulder restraints (Looping, Heartroll & 127° Curve)  
The energy storage reduces the power supplier  
for LSM from 400kW to 100kW



Heartroll

## Ride Description

To give a brief idea of what this extremely compact and diversified track design with Launch effect has on offer: right after the station passengers find themselves launched in a rocket-like manner. The launch is achieved by an LSM drive (Linear Synchronous Motor), whereby an acceleration of some 70 km per hour is reached within the shortest time, thanks to its high degree of efficiency. This is immediately followed by an extremely compact special loop which leads directly into an Immelmann. A sharp Camelback offering high levels of airtime gets passengers to dream of weightlessness, with the next sensational inverted element already waiting for them: a half cuban eight with subsequent heartroll. The fascinating ride ends with a high-banked steep curve right before entering the station. Given this density of ride elements to experience, the compact appearance of the first X-Car Launch Coaster is all the more surprising.



Overview



Loop



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