



## **X-Car Vertical XV 2000** **G Force, Drayton Manor Park/U.K.**



### **Project Data**

site: Stafford Shire/U.K.  
customer: Drayton Manor Park  
design: Maurer XTRAC™  
third party: ASP Advance  
project start: October 2004  
opening: 26<sup>th</sup> July 2005

### **Technical Data**

track length: 385m (1263ft.)  
height: 25m (82 ft.)  
cars: 2 x 6-seater X-Car  
number of cars: 1 Tandem  
capacity: 550  
base area: 75 x 41 m (246 x 134 ft.)

### **Special Features**

Humpty Bump lift  
compact layout (similar to „Boomerang“)  
station at a height of 10 m (33 ft.)  
extendable to a total track length of 530 m (1738 ft.)



Fun with the X-Car

## Ride Description

The ride gets off to a lightning start, with an initial descent right after the station, down to the Humpty Bump Lift, which carries the car up vertically to the impressive inverted backward roll with lift-off forces of -1 g. The car then plunges down a steep loop figure with a top speed of up to 70 km/h (45 mph). The next ride figure – a thrill for both passengers and onlookers alike – is a very tight, high camelback, in which the passengers again experience negative g-forces of up to -1 g and plenty of airtime. There's no time to catch your breath, as this is followed immediately by the Bent Cuban Eight. Like the Humpty Bump, this exciting new inverted figure, specially developed for Barnstorm, is based on an aerobatic figure. It offers two further inversions and looks like a vertical figure-of-eight that has been bent in the middle by 180°. A final high banked curve leads spectacularly back to the station.



First Inversion of the Bended Cuban Eight



Bended Cuban Eight



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