

Niagara Speedway: Technical Facts

Canada's First Elevated Go Kart Track is a Wonder of Race Engineering!



Track Specifications:

Speedway height: 42 ft.

Speedway track length: 2000 linear ft.

Number of steel helical spiral ramps: two

Height of large helical spiral ramp: four storeys (5.5% slope)

Height of small helical spiral ramp: one storey (5.5% slope)

Length of main multi-tiered ramp: 250 ft. (30% slope in 2 sections)

Fun Build Facts:

Bolts: 10,000

Total weight of steel: 595,420 lbs of steel (approx. 300 tons)

Length of guard rails: 2,150 linear feet

Individual parts: 16,763

Welded assemblies: 1,832

Individual welds: 19,100

Performance and Kart Info:

Year Round Operation

Average track speed: 24.14 km/hr

Ramp speed: 32.2 km/hr.

Max potential speed of kart: 72.4 km/hr

Kart engines: Honda GX270K1, 4 stroke, 9hp/3600 rpm

Ride duration: variable 5-8 min

Total number of karts: 80, 2 pits with 36 karts each and 8 spare units

Maximum number of karts running on track: 36 simultaneously

Maximum loading capacity: 36 karts simultaneously

Pit building size: 6700 sq. ft.

Kart weight: 637 lbs

Ground clearance: 2.5" (6 cm)

Lighting: Headlights, taillights, brake lights and ground effects lights

Maximum capacity: 2 per go kart.

Height limits: Driver min. height 58" | max. height 78"; Passenger min. height 40" | max. height 60"

Maximum total passenger weight per kart: 375lbs

For media inquiries or to make arrangements for photography, please contact:

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