Whistler Nordic Ski Jumps

Field crew position a giant prefabricated truss into place.

More than 700 tons of tubular steel was required for the fabrication of the ski jumps

The K-125 run is 140m high and 372m long.

It took 3 months to completely erect the K-95 and K-125 jumps.

Towering above the 2010 venue stadiums for the biathlon and cross country skiing events, the Whistler Ski Jumps are a prominent feature in the newly developed Nordic Centre.

Situated only 14km south of the venue city, the 2010 Whistler Nordic Venue features two world class ski jumps. The K-95 run, known as the "normal hill", reaches a height of 106m and a length of 333m. Its neighbour the K-125 run or the "large hill" peaks at a height of 140 meters and spans 372m in length.

More than 700 tonnes of tubular steel were required for the fabrication of the prominent ski jumps. The fabrication, delivery and erection of these ski jumps proved to be an olympic feat in itself. To meet strict deadlines, the massive tubular trusses were prefabricated before being transported by barge and truck to the Callaghan Valley site.

A 275 ton Liebherr crawler crane carefully erected 12ft high x 24ft wide x 80ft long sections, and three months later pieced together a gold medal structure.

The Whistler Nordic Venue, situated in the Callaghan Valley, consists of three separate stadiums located within a two-square-kilometre area. The venue will be home to biathlon, cross-country skiing, Nordic combined and ski jumping during the Vancouver 2010 Olympic Winter Games, and biathlon and cross-country skiing during the Vancouver 2010 Paralympic Winter Games.

Owner
VANOC

Architect
CJP Architects

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Sandwell Engineering

Geotechnical Consultant
Golder Associates

General Contractor
Emil Anderson Construction

Steel Detailer
Deltec Consultants Ltd.

Steel Fabricator
Dynamic Structures Ltd.

Steel Erector
KWH Constructors

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