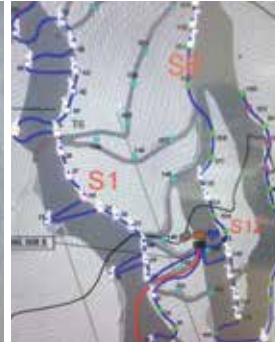




1512 North Rockwell Dr  
Midland, MI 48642  
Tel: +1.989.631.6091



**JEONGSEON  
ALPINE  
OLYMPIC  
VENUE  
SNOWMAKING**

SMI is proud to have been selected as the exclusive snowmaking company of the Jeongseon Alpine Olympic venue, marking our seventh Olympic partnership to date.

The Jeongseon Alpine Center in the Gangwon Province in the Republic of South Korea will be the host of the 2018 men's and women's alpine speed events of Downhill, Super-G and Downhill Combined Olympic Events.

The Jeongseon system features a fiber-optic backbone. This provides fast and reliable communications to each of the hardwired pods and portable radio snowguns to be interconnected in real time.

There are a total of 100 fully automated Super Pole-Cat Snowmakers, mounted on towers and carriages, allowing snow production in all areas. 10 mobile Kid PoleCats are also available for portable use around the mountain.

The entire snowmaking system is controlled by SMI's SmartSnow™ Automation software. The company's local partner R&R Trading assisted with the project.



# JEONGSEON ALPINE OLYMPIC VENUE



## ALPINE DOWNHILLS SUPERG COMBINED SNOWMAKING

### SYSTEM HIGHLIGHTS

- Water storage capacity of 128,000 cubic meters or 33.6M gallons
- 90 Super PoleCat Full Auto Towers
- 10 Super PoleCat mobile full auto units
- 10 Kid PoleCat mobile full auto units
- 170 water hydrants
- Fully automatic system with fiber optic, hardwire and radio communications

### COVERAGE SUMMARY

- 65 Hectares of coverage area
- System top elevation of 1,372m
- Bottom elevation 418m
- Vertical of 954m (3,129 feet)

### WEATHER AND TERRAIN

- Proximity 180km east of Seoul
- 37° Latitude
- Near village of Alpensia

### WATER SUMMARY

- Water supply from local river
- 850 cubic meter per hour main pumping (3,725 GPM)
- 510 cubic meters per hour water cooling towers
- 510 cubic meters per hour booster pump
- All pumping and cooling fully automatic

### LEVEL OF AUTOMATION

- Fully automated with SMI SmartSnow 6.0
- Fiber optic communications backbone
- Hardwire to all fixed towers
- Radio communications to all portables