

PLANNING AND DIGITAL OPTIMIZATION



ABOUT F-TECH

Located in the heart of the Alps, F-TECH is the top address for best **quality snowparks** and **snowpark equipment**. Thanks to our 15 years of experience in planning and construction, we offer individual advice and tailor-made solutions for all winter funsport projects. We respond in a professional way to your needs in order to jointly design the best solutions for the implementation of your project and thereby enhance your ski area.



BENEFITS:

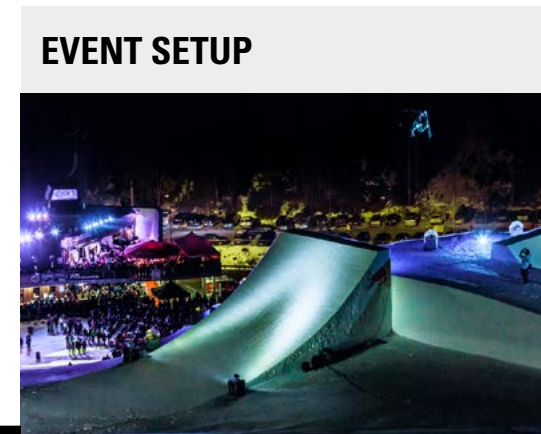
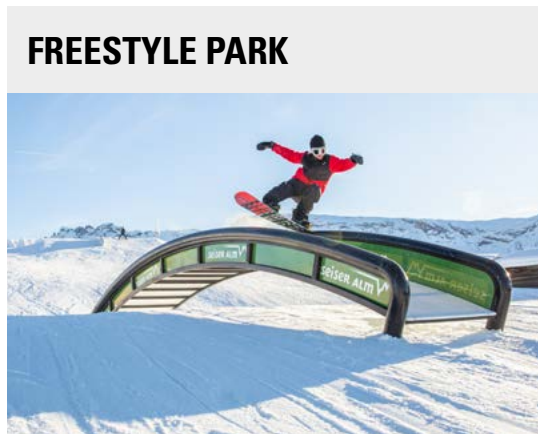
**UP TO 15%
LESS SNOW**

**UP TO 30%
TIME SAVING IN
CONSTRUCTION**

**LESS
MAN POWER**

**INCREASE
SNOWPARK SAFETY**

**SIMPLIFIED
MAINTENANCE**



**WHAT ARE WE
GOING TO
DIGITALIZE**





3D PLANNING

Planning is not only 3D modelling. It all starts with the **definition of the right product for the customer** and the **best location** for it.

We design every project integrating it as well as possible to the existing terrain.

This guarantees **sustainability and cost efficiency**, reducing the production of artificial snow. Key to our unmatched precision and high standard is state of the art technology in terms of hardware and digitalization. Accurate 3D planning guarantees efficiency and quality in construction and maintenance of a snowpark throughout the entire season.

We provide:

- Digitalization and optimization of your new or existing project
- Technical 3D plan
- Guaranteed flow due to calculations and simulation of a run / jump
- Snow volume calculation
- High quality 3D renderings





HIGH END TECHNOLOGY

PRINOTH snowgroomers in combination with **LEICA snow depth measurement** offers the best technology for an easy project implementation. Modern **GNSS antennas**, reference stations and advanced sensors offer the most up to date information regarding machine position, terrain model and the resource snow. Thanks to a sophisticated system, it is possible to transfer the snowpark design into the **LEICA iCON** working screen. This solution allows us to display complex courses in an easy, **self-explanatory** way and enables the operator to build a course in **less time**. The accuracy in building is unique as the **progress is displayed in real time**. This guarantees an exact correspondence to the specification from the course designer. It also brings advantages during maintenance of the course, which can be done more accurately.

The **management of the resource snow** before realizing the project is simple as the requirements come from the model. During construction of the snow park the designer can monitor the allocation of snow in real time.





CONSTRUCTION AND SERVICE

With our **multiyear experience** we have built almost every kind of snowpark and obstacle on different terrain and have faced numerous difficulties and challenges. Our **shape and machine operator crew** has gained **knowledge in every sector and condition** you can find on a mountain in order to offer our client a **360 degree knowledge** in Snowpark building and support.

We provide:

- experienced headshaper and project manager
- machine operator specialised in snowpark construction
- full build up management
- periodic inspection / support days on site
- training for your team

Based on the knowledge and experience of your team and on how complex and intense your snowpark project is we offer different ways of realization.

1. REMOTE SUPERVISION

We train your **machine operator and shaper** on the **digital building systems** how to build up the project, in order that they are able to handle most of the construction works by themselves. During the building phase our supervisor supports you being on site for defined check up's. During the whole season we can **assist by remote**. The software **PRINOTH SNOWHOW, LEICA iCON ALPINE** and **LEICA ConX** allows us to supervise machine data, snow volume and construction progress in real time.



2. FULL SERVICE

Our experienced team of **headshapers and machine operators** is on site and **supports your local Snowpark crew** during the whole build up phase to get your project done in the **fastest possible way**.



REFERENCES











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