

CANOPY FOR SHEREMETYEVO INTERNATIONAL AIRPORT

Heinrich Lamparter Stahlbau & Co. KG GmbH
Kassel, Germany



Project description

- **Location:** Moscow, Russia
- **Architecture office:** Pshenichnikov & Partners
- **Dimensions:** 92 m wide × 125 m long × 16 m high
- **Specifications:** 1200 tons of steel, 50 tons tension members until DN 130, 2000 m steel cable until DN 75 and approximately 20 tons of screws until M 48



The challenge

- Needed a Multilanguage solution
- Create steel elements to the compulsory maximum unit weight.
- Observation of geometric boundary conditions for the assembly
- The need to create compensatory tolerances that could appear during the assembly



The solution

- Advance Steel is available in several languages
- The creation of demanding roof construction was enabled through Advance Steel's 3D-function
- Processing of the entire 3D model data



"In Advance Steel the model is created with real dimensions thus making it possible to easily deal with complex situations that can occur during the assembly phase"

Mr. Linge, Manager of the Engineering Department

Users' benefits

- 3D modelling
- Ability to create the roof construction ready for fabrication
- Advance Steel is available in multiple languages

ADVANCE STEEL



More projects on www.graitec.com