

# SEIK GmbH/srl

## TRANSPORTS OF THE THIRD DIMENSION

# History of SEIK GmbH/srl

- Founded 1991 as company specialised in machinery production
- Production of cable way carriages with motors with suspension line independent of traction line
- Planning, production and leasing of cableway systems, temporary or stationary, even for custom made systems
- Own electronics department

# Current status of company

- 25 employees
- Company divided in three departments
- Production of carriages, winches, skytrucks and other accessories for material transport on ropes
- Installation and leasing of cableway systems, temporary or stationary in Italy, and if necessary also abroad for special cableway systems
- Electronic department producing the control systems for our cableway systems, also producing for other customers.

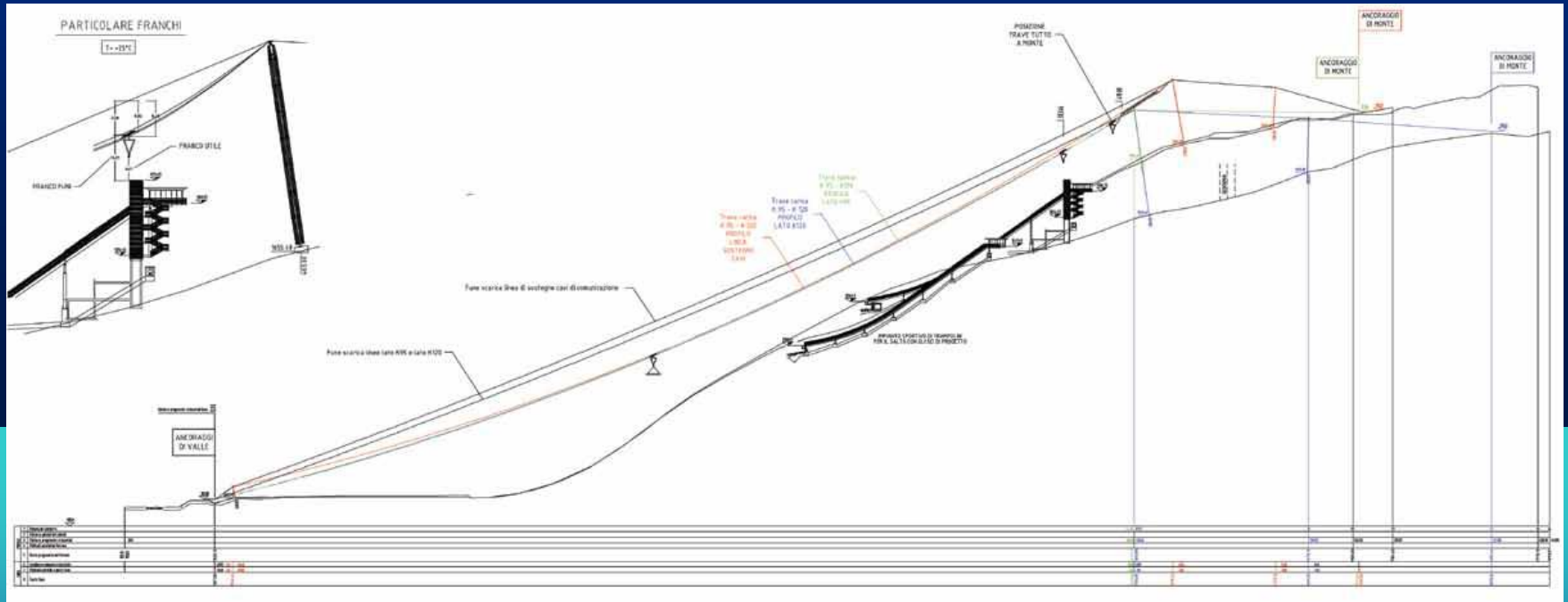
# Machinery production

- Production of three standard types of carriages: Skybull30 (6t), Skybull40 (8t), Skybull60 (12t), carriages also for 24t and special carriages with two independent hooks
- Cable winches from 20 kW to 1000 kW
- New feature: Suspension line is independent of traction line
- Production of pylons, cable supports (saddles) for high main line guidance and other accessories for cableway systems

# Some of SEIK's solutions for more efficient transport of material and equipment in impassable terrain



# Design and engineering of cableways for worldwide use





# Guidance and supervision with installation and commissioning of temporary and stationary cableway systems all over the world



# Skybull30





# Skybull40



# Skybull60 for 24t



# Carriage with two independent hooks for 16t payload (8t/hook)





# Carriage with two independent hooks for 16t payload (8t/hook)





# Electric winches

- Electric winches and circular drives of Seik available in various tensile forces up to 20t
- Speed of 8m/sec and above possible
- Minimum speed of 0,1m/sec also possible
- Power recovery during braking of load in descent is standard
- Different control systems installed avoiding malfunctions

# Example for electric winch 20t



# Other example for electric winch





# Rental or sale of cableway systems

- Installation and disassembly of cableway systems
- Installation of new cableway systems.
- In some countries we have our partners offering these services



# Stationary cableway system





# Temporary cableway system in Norway with second carriage



# Temporary cableway system, two carriages for payload 12t





# Temporary cableway system for curves and bends





# Cableway underneath a high-voltage transmission line





# Temporary cableway system





# Cableway system used in forestry



# SEIK Pylons

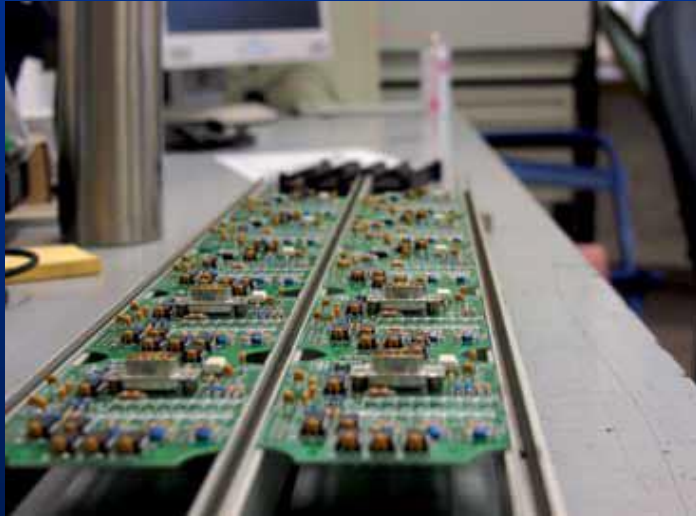




# Electronics department

- Electronic and radio control system for the cable way carriages, winches and cableway systems
- Production of small series (automation) for other companies as well as of electronic and remote controlled devices for different machines.

# Electronics department



# Electronics department



# SEIK stands for

- Intelligent solutions for cableway systems transporting material from 200 kg – 40000 kg
- Design, engineering, production and installation of custom made cableway systems
- Unique Skytrucks for the construction of ski-jumps for the Olympic Winter Games 2006 at Torino, and also for the Chenab River Bridge, India
- „Transports of the third dimension“



# Skytruck



# Skytruck

- First time used to realize the ski-jumps for the Olympic Winter Games 2006 at Torino
- Advantages: One structure operates over an area of 2 hectares, allowing to reach in this area each spot with 8,5t, with a considerable difference in elevation
- Skytruck is also suitable for the construction of bridges, hydro dams, and a lot more
- We can supply the Skytruck also for 20t payload

# Skytruck





# Skytruck





# Skytruck



# Skytruck for Chenab River Bridge

- Two independent Skytrucks each for 20t payload
- Skytrucks can be connected for transport of 40t payload
- Advantages: One structure operates along the full bridge construction area allowing to reach nearly each spot with 40t and the remaining with 20t.



# Skytruck for Chenab River





# Skytruck for Chenab River in tandem operation (40 t)



Thank you for your  
attention

The SEIK company