Marti Technics Ltd.
Conveyor belt system for Katzenbergtunnel (D)
Services provided by Marti Technics Ltd.
Design, planning and performance of the entire conveyor belt system including electrical installation and visualised plant controls.

The system consists of 4 main parts
- 2 tunnel conveyors each 9000 m long
- Intermediate deposit site with removal equipment
- External conveyor to final deposit site
- Automation and electrical system

Technical data
Conveyor belt system
- Total quantity to be conveyed 2.7 million tonnes
- Flow rate for tunnel conveyors 900 t/h,
  external conveyor 1300 t/hr
- Driving power per tunnel conveyor 1065 kW
- Width of tunnel belt 800 mm, external belt 1000 mm
- Volume in intermediate deposite site 30 000 m³

Automation and electrical system
- Fully-automatic control of material flow from the tunnel boring machine (TBM) to final deposit site
- Visualisation of conveyor belt system
- Installation of heavy-duty electrical supply 3.2 MW