



Tunnel Conveyor Belt System with Belt Storage

Client
Main Contractor
Design
Sub-contractor

AlpTransit Gotthard AG
Joint Venture Gotthard North (AGN)
Marti Technics Ltd., Moosseedorf
Marti Technics Ltd., Moosseedorf

Project

For the construction of the Gotthard Base Tunnel Section Amsteg two tunnel boring machines are being used. Removal of the excavated material is carried out with a continuous conveyor system which allows for uninterrupted excavation also during extension of the support structure. The system developed by Marti Technics ensures highest operational safety at maximum performance and is certified and approved according to the valid international standards.

Construction Period

2003–2006

Contract Sum

CHF 12 million

Services (per conveyor belt)

Design and construction of the conveyor system, the control and electrical installations.

Delivery rate: 800 t/h

Total conveying distance at completion: 8,500 m

Storage capacity: 700 m of belts



1. Extension module on the tunnel boring machine
2. Double distance belt with single suspension
3. Belt capacity 700 m