

Marti Technics Ltd.

Conveyor belt system Brenner base tunnel Aica – Mules (I)



Brenner base tunnel Aica – Mules (I)

Conveyor belt system

Client	Brenner Basistunnel BBT SE
Main contractor	S.E.L.I. SPA, Rome
Sub-contractor	Marti Technics Ltd.
Order value	CHF 3.3 mn
Drawn up	2008

Services provided by Marti Technics Ltd.

Design, planning and performance of the entire conveyor belt system including electrical installation and visualised plant controls.

Description of the system

■ 1 Tunnel conveyor with belt storage	10 400 m
■ 1 Intermediate conveyor	224 m
■ Automation and electrical system	

Technical data

Conveyor belt system

■ Flow rate for tunnel conveyor	450 t/h
■ Driving power of tunnel conveyor	720 kW
■ Driving power of intermediate conveyor	45 kW
■ Belt width	800 mm

Automation and electrical system

- Fully-automatic control of material flow from the tunnel boring machine to temporary disposal site
- Visualisation of conveyor belt system
- Installation of heavy-duty electrical supply 765 kW



Marti Technics Ltd.

Lochackerweg 2
CH-3302 Moosseedorf

Fon +41 31 858 33 88
Fax +41 31 858 33 89

info@martitechnik.ch
www.martitechnik.ch