

Marti Technics Ltd.

Conveyor belt system Metro São Paulo (Brasil)



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Conveyor belt system

Client	Metro São Paulo
Main contractor	S.E.L.I. – Società Esecuzione Lavori Idraulico S.p.A.
Sub-contractor	Marti Technics Ltd.
Order value	CHF 3.9 mn
Drawn up	2006/2007



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 7 764 m
- 1 Conveyor to disposal site 96 m
- Automation and electrical system

Technical data

Conveyor belt system

- Total quantity to be conveyed 1.4 million tonnes
- Flow rate for tunnel conveyor 800 t/h
- Flow rate for conveyor to disposal site 800 t/h
- Driving power of tunnel conveyor 890 kW
- Driving power of conveyor to disposal site 90 kW
- Belt widths 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 980 kW



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