

Marti Technics Ltd.

Conveyor belt system Metro São Paulo (Brasil)



Metro São Paulo (Brasil)

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

Technical data

Conveyor belt system

- Total quantity to be conveyed 1.4 m tonnes
- Flow rate for tunnel conveyor belt 800 t/h
- Flow rate for conveyor belt to disposal site 800 t/h
- Driving power of tunnel conveyor belt 200 k
- Driving power of conveyor belt 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 890 kW



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