

Galleria Cefalù / Railway line Palermo - Messina, Italy

# Conveyor belt system for expanding the Palermo - Messina railway line



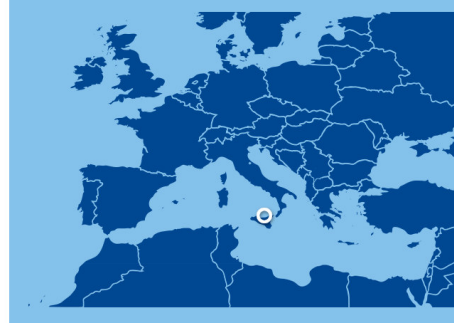
To ease the burden off of street traffic, the Palermo - Messina line is being expanded by two tracks for 12.3 kilometres.

Three new railway tunnels will be created, and Marti Technik AG is involved in the longest of the three tunnels. For the Cefalù - Castelbuono section, Marti Technik AG has been commissioned with conducting the project planning, manufacturing, delivery, supervision, installation, testing and commissioning of the conveyor belt system.

**Constructor**  
Rete Ferroviaria Italiana (RFI)

**Client**  
TOTO S.p.A. Costruzioni Generali

**Commissioning**  
March 3, 2022

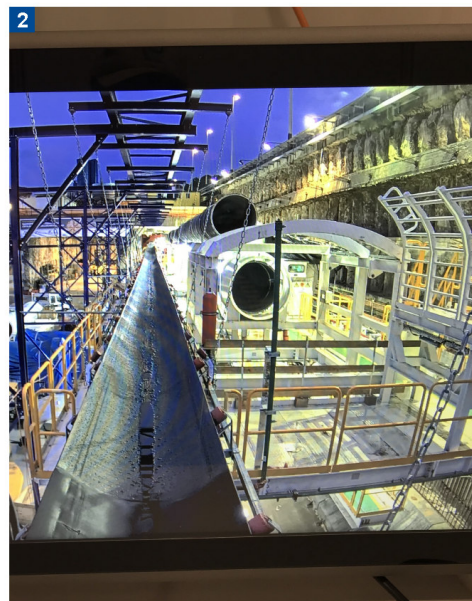




#### Technical data

Conveying capacity: 1,000 t/h  
 Tunnelling method: EPB  
 TBM: Greg  
 TBM Diameter: 9,980 m  
 Excavation volume: ca. 1,050,000 m<sup>3</sup>

- 1 tunnel conveyor at 6,700 m
- 1 horizontal belt storage, 14-ply, length of reel 510 m
- 2 transfer belts at 24 m and 144 m
- 1 dumpsite conveyor at 144 m with movable discharge carriage
- 1 booster in the portal area
- 1 compl. Installation control system



Cover: Transfer belt  
 1) Dumpsite conveyor  
 2) Tunnel belt + TBM