

Tunnel belt conveyor, Mularroya Dam, Spain

Tunnel belt conveyor for diversion tunnel



The sun in Spain is very strong year-round. Average temperatures in the summer rise far beyond 30°C and hardly fall below zero in the winter. Rain is scarce, and the groundwater levels are also decreasing. Providing a constant supply of water for the population and agriculture can no longer be taken for granted, which is why a dam is now being installed in the Zaragoza region with a planned volume of 103 million m³.

The Mularroya U.T.E. consortium, which consists of both Spanish construction companies Acciona and Sacyr, was awarded the contract for planning and constructing the necessary dam and diversion tunnel. Afterwards, Marti Technik AG was commissioned with planning, manufacturing, delivering, and supervising the assembly of the tunnel belt conveyor.



Tunnel belt conveyor, Mularroya Dam, Spain



Client
Konsortium Mularroya U.T.E.

Created
2020

Tunnel diameter: ca. 3.5 m
Length of tunnel: 8.6 km
Belt width: 500 mm
Conveying capacity: 150 t/h



Services provided by Marti Technik AG

Planning, manufacturing, delivering, and supervising the assembly of the tunnel belt conveyor.

Title page: Mularroya dam

- 1 Overview of the construction site
- 2 C100 tunnel conveyor in the portal area
- 3 Transition of tunnel/exterior