About the project
The Brenner Base Tunnel is a horizontal railway line running through the Alps; a railway line for the future. The Brenner Base Tunnel is the main element of the new Brenner railway from Munich to Verona. (Source: bbt-se.com)

Lot AP164 Ahrental
The construction lot AP164 of the Brenner Base Tunnel consists of an access tunnel Ahrental with a length of 2500m, an inclination of approx. 12% and an exploratory tunnel. The Rowatrain ensures a direct material supply above ground of the heading installation as well as exploratory tunnel, starting at the installation place.

Project data
Country            Austria - Italy
Execution          2015 - 2020
Place of installation Brenner Base Tunnel Lot AP164
Builder-owner      BBT
Rowa's customer    Arge Tulfes Pfons

Type of heading    TBM
Tunnel length Lot AP164 19'500m
Excavation diameter Ø 7.9
Curve radius horizontal 10'000m
Inclination         0.67% Exploratory Tunnel
Inclination         11.57% Access Tunnel Ahrental
Supply              Rowatrain
Removal             Conveyor belt

Scope of delivery Rowa consisting of:
- 4 pcs. Rowa-Shorttrain + 3 Wagons
- 2 pcs. Rowatrails complete

Year of manufacture 2016
Period of performance 44 months

Rowa's order
On June 22, 2015, the JV ATP placed an order with Rowa for the development, manufacture, supply and installation of 4 Rowa-Shorttrains and 2 Rowatrails.