

Project

The Brenner Base Tunnel system will connect Fortezza in Italy to Innsbruck in Austria and it consists of two one-track railways and a service gallery.

The tunnel system is completed by cross passages (one approx. every 333 m).

According to the used excavation method (it is traditional in part, but mainly mechanized), the concrete lining is made by conventional formworks or segment moulds.

Euroform has been awarded the supply of the formworks and the relevant accessories listed below:

- 2 Tympanum formworks.
- 1 Cross Passage formwork.
- 14 Sets of segment moulds for Main Tunnel lining.
- 7 Sets of segment moulds for Service Tunnel lining.
- 4 Sets of moulds for invert sector of Main Tunnel.
- 7 Sets of moulds for top invert sector of Service Tunnel.
- 7 Sets of moulds for bottom invert sector of Service Tunnel.
- 2 Vacuum segment handling devices for extrados side (Main Tunnel).
- 2 Vacuum segment handling devices for intrados side (Main Tunnel).
- 1 Clamp segment handling and tilting device (service tunnel).
- 1 Vacuum segment handling device for extrados side (Service Tunnel).
- 1 Vacuum segment handling device for intrados side (Service Tunnel).
- 4 Segment tilting devices (Main Tunnel).
- 1 Segment tilting device (service tunnel).

CLIENT

Strabag and Salini Impregilo Joint Venture (formworks for conventional tunnelling)
Isocell (segment moulds for mechanized tunnelling)

Segment moulds - Main Tunnel



Moulds - Main Tunnel invert sector



Cross Passage formwork



Segment moulds - Service Tunnel



Tilting and Intrados Vacuum devices



Top invert sector mould

