

PORR Slab Track Technology for Deutsche Bahn (S21)

Data and facts

Company	PORR UK Ltd.
Type	Slab Track Austria, Infrastructure
Runtime	04.2020 - 04.2024
Principal	Deutsche Bahn PSU (Deutsche Bahn Project Stuttgart-Ulm)

[Project report online](#)

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Slab Track Austria for Stuttgart S21.

Therefore PORR implemented a logistic concept to execute the concrete works and later on the electrotechnical installations and cabling works. PORR uses turntables for trucks, small electro-dumper for concrete transport, a slim crawler crane and several specific forklifts.

This specified fleet of machines allows parallel construction works at different tunnel sections on a daily basis.

S21 is the most challenging railway project in Germany in years and will change the industry. The first main train station fully underground in a large city will be connected to the railway grid with a web of tunnels. Together with the new high speed rail link to Ulm travelling times between major European cities will be reduced significantly.

For PORR it is an honour to support this encouraging European railway project by delivering Slab Track Austria together with electrotechnical equipment.

Once work is completed, the maintenance free Slab Track Austria-Technology will enable sustainable high speed rail service for a life cycle time of more than 60 years.

Impressions

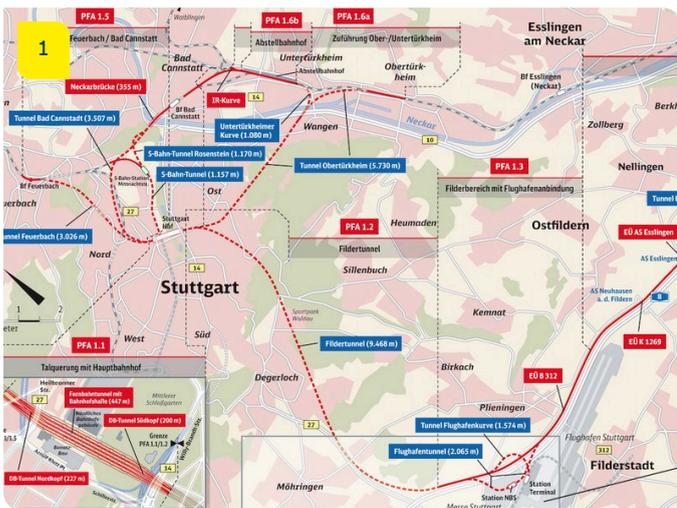


Image notes

1

Tunnel Spiderweb changes the German railway grid.

The final Stuttgart 21 railway system will ease the public transport system in Stuttgart and will have positive impact to the European railway connections.

3

Innovative and environmentally friendly.

PORR pours the concrete grout for the Slab Track Austria Technology with dumpers driven by electrical power.

2

Slab Track Production.

Slabs will be produced in a pre-cast element factory which is running independently from weather conditions.

4

A proven track record.

PORR builds the trafficability for rescue vehicles with a system containing pre-cast elements and poured concrete.

Do you have questions about the project or would you like to learn more? Feel free to contact us for further information.

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