



EURO || POLES

CATENARY SYSTEMS  
Reference

Cost-optimised

More economical

More attractive

## Public local transport in Dresden – New 'Infineon Süd' track loop

In the very compact layout of today's cities, public local transport is an extremely important linchpin of mobility. For catenary poles for urban mass transit, EuroPoles not only provides conventional, standard poles, but also custom-made carrier systems that can be perfectly integrated into the urban landscape.

### On the way to the new track loop

A well-functioning and high-capacity network of track in public local transport was one of the focal points of the project for Dresdner Verkehrsbetriebe AG (DVB AG). In the northern part of the German state capital of Dresden, a reverser (track loop) was constructed in the triangular junction of tram lines 7 and 8 along Königsbrücker Straße at the 'Infineon Süd' stop.



## Rapid tram travel – Economical and attractive

### Project data

- **Construction time:** 09/2017 to 01/2018
- **Construction company:**  
Rail Power  
Systems GmbH (RPS)
- **End customer:**  
Dresdner Verkehrs-  
betriebe AG (DVB AG)

In this construction project, Eurocoles collaborated with RPS to help DVB AG achieve its goal of speeding up public local transport. The faster the tram can go, the more attractive and economical it becomes.

Eurocoles provided a total of 78 poles for the new construction. 81 catenary poles were removed and replaced by custom-made and corrosion-resistant carrier systems and poles that are perfectly integrated into the urban landscape. The result was 3.2 kilometres of new overhead lines.

This reduces the travel times of lines 7 and 8 by one to two minutes. The main reason for laying the lines was to expand and, at the same time, modernise the turnouts on the straight stretch along Diebsteig – this allowed the 'Infineon Süd' stop to be expanded in an accessible design.

### Top speed

Consultation, statics, production and delivery were all from a single source. This guaranteed reliable planning, rapid project execution and high cost efficiency.

Eurocoles offers the entire product range in steel and concrete, making it possible to individually choose just the right poles for each project.

### Steel and concrete in the scope of delivery

- 69 octagonal steel so lid-wall poles, RAL 9007 primer coat with tumen coat, pole lengths from 10.00 to 13.00 m. Despite handling heavy loads, the poles have an impressively slender design
- 7 peiner poles, RAL 9007 primer coat with bitumen coat, pole length of 9.00 m
- 2 round-conical, resistant and low-maintenance prestressed spun concrete poles (C80/95 concrete quality)

