



DOUBLE-DECK PUSH-PULL TRAINSET GERMANY



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FUTURE TRENDS

- Units are designed for the route Nuremberg–Ingolstadt–Munich
- Design Speed 200 km/h
- Fully air-conditioned interior of both the first and second class
- Low-floor and wheelchair access entrances
- Internal camera system
- Sockets with the voltage of 230 V
- Remote transfer of diagnostic data
- User friendly information system
- Lifting platforms and spacious toilet for wheelchair passengers
- Section for parents with children
- Special pressure-tight carbody that allows for oncoming traffic at up to 300 km/h in tunnels

BASIC TECHNICAL DATA

Lenght (with Locomotive 109E3)	177,000 mm
Width	2,800 mm
Height above TOR	4,630 mm
Track gauge	1,435 mm
Total no. of passengers	1,386
No. of seats (folding seats)	676 (79)
No. of seats 1st Class	26
No. of standing passengers	735
Places for wheelchairs	2
Places for bikes	40
Entry floor height above TOR	760 mm
Maximum speed (Design Speed)	190 km/h (200 km/h)
Nominal Trolley Voltage	15 kV 16.7 Hz AC
Locomotive 109E3 power	6,400 kW

