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Talگو 350



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TRACTION UNIT

Talgo 350



TECHNICAL SPECIFICATIONS

● Power supply	25 kV, 50 Hz
● Power installed	4000 kW
● Power equipments	Two identical and independent
● Bogies	Bo - Bo
● Wheelbase	2.65 m (8.7 feet)
● Front design	Aerodynamic. Optimized for pressure waves and lateral winds
● Pneumatic brake equipment	Three disc brakes per axle (two of them on the wheels)
● Electric brake equipment	Regenerative (4200 kW) and rheostatic (3200 kW)
● Length	20 m (65.6 feet)
● Maximum width	2.96 m (9.7 feet)
● Height	4 m (13.1 feet)



Talgo 350

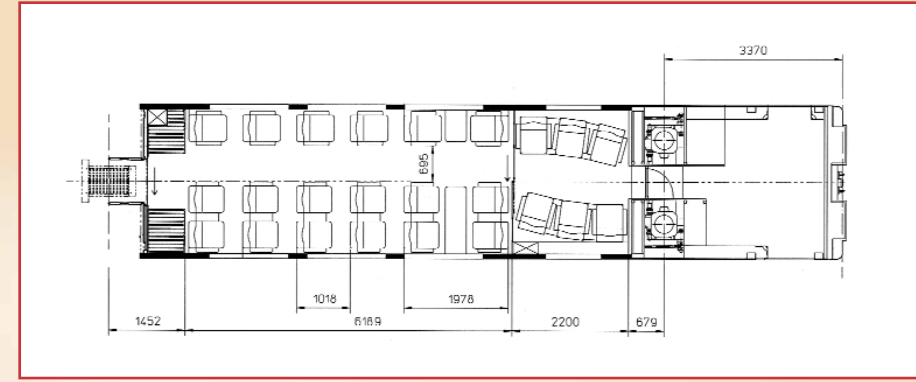
● Maximum commercial speed	330 km/h
● Maximum lateral acceleration in curve	1.2 m/s ²
● Maximum cant deficiency	7,2 inches
● Track gauge	1435 mm
● Traction	Electric
● Traction units	2
● Maximum passenger cars	12
● Tractive axles	8
● Maximum number of axles per train	21
● Maximum axle weight	17 tons
● Maximum train length	200 m (656.2 feet)
● Type of operation	Single trainset or multiple mode
● Sense of travel	Bidirectional ("push - pull")

A collage of five images showing different aspects of a train. The top left image shows passengers boarding a train with luggage. The top middle image shows the interior of a train car with black seats and white headrests. The top right image shows a view through a train window. The bottom left image shows a baggage car with a curved metal structure. The bottom right image shows a dining car with a curved metal structure and a table.

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Technical drawing of the interior layout of the 'L' class train car. The drawing shows a long, narrow rectangular car with a central aisle. On the left side, there are two sets of stairs, a circular table with four chairs, and a small service counter. On the right side, there are two sets of stairs and a small service counter. The seating is arranged in rows of four seats per row, with a central aisle. Dimensions are indicated: 13160 (total length), 9427 (length of the main seating area), 819 (width of the car), 1000 (width of the central aisle), 1960 (width of the seating area), and 813 (width of the side aisles).

Talgo 350



- Optimised aerodynamic design
- High degree of redundancy in traction and auxiliary systems
- Single-axle wheelsets between coaches
- Permanently guided wheelsets with independent wheels
- Articulated union between coaches
- Light weight construction
- Natural tilting system
- Rotating seats

