

# UTRECHT UITHOFLIJN TRAMWAY



27 low-floor trams, type Urbos 100  
for the new Uithoflijn  
Utrecht, The Netherlands



## Utrecht Uithoflijn Tramway

27 new low-floor trams, type Urbos 100, for Provincie Utrecht. The trams will operate on the new Uithoflijn, connecting Utrecht central railway station with the Science Park De Uithof. The tram is a bidirectional vehicle and consists of 5 modules. It is suitable for international gauge, and fitted with a driver's cab at each end. The tram is fitted with two motorised bogies and one trailer bogie, as well as couplers for multiple operation.

The tram has a 100% low floor along the entire passenger area. This eliminates any passenger barriers along the whole tram. In addition, boarding and alighting of passengers to the platform is extremely comfortable.

The main equipment is roof mounted. The traction equipment is based on IGBT technology and comprises 3-phase asynchronous motors.

Interior design guarantees maximum transparency and accessibility for all types of passengers.

The low-floor tram is equipped with two places for wheelchairs.

## Technical Datasheet

• Composition:	Mc-S-T-S-Mc
• Power supply voltage:	750 Vdc
• Track gauge:	1.435 mm
• Maximum speed:	70 km/h
• Length:	32.966 mm
• Exterior width:	2.650 mm
• Vestibule area floor height:	350 mm
• Seats:	62
• Total capacity:	216 (4 passengers/m <sup>2</sup> )
• Places for wheelchairs:	2

## Other Equipment

- Cabin and passenger area air conditioning
- Passenger Audio and Visual Information
- Information displays
- Exterior side cameras with rear-view mirror function
- Closed circuit video surveillance
- Event Recorder and driver presence monitoring system ('Dead Man')
- Train control system and diagnostics
- LED lighting
- Sanders and Flange Lubrication
- Crashworthiness device
- Couplers
- Radio-communication System
- Prepared for battery operation (ACR)