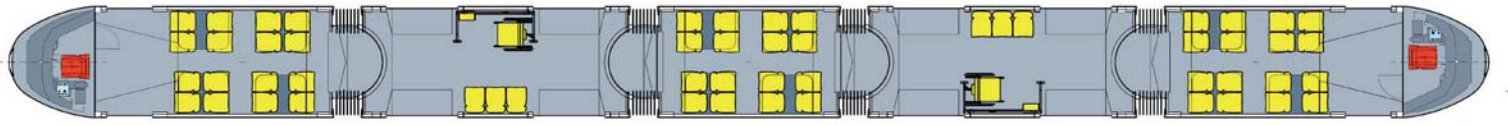
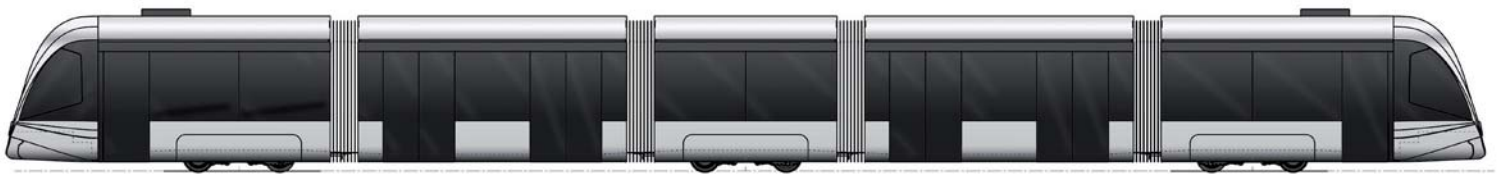




# TRAMLINK FAMILY

*Tramlink*



## GENERAL CHARACTERISTICS

- Driving on multiple unit of up to 2 vehicles
- Structure made out of High Strength Stainless Steel
- Glued exterior finishing plates easy to repair
- Large glazed surface.
- Fulfilling the crashworthiness EN 15227
- Regenerative brake with the possibility to install Storage and Energy Saving Systems
- Water cooled traction motors
- Sanding systems located in all motorized axles
- Wheel flange lubrication system (Time, distance and location can be scheduled)
- Anti-Skid and Anti-Slip protection systems
- Advanced Passengers Information Systems
- Independent HVAC on cabins and passengers areas
- CCTV System.
- All bogies with high capacity electromagnetic track brakes
- Possibility to install rear view cameras
- Maximum floor gradient 5%
- Customized frontal design and interior distribution

## TramLink Family

Power supply voltage	750 Vdc (+20 -30%)
Minimum radius on curve (service/depot)	18 // 17 m
Interconnecting Aisle	Passage width > 1230mm
Low-Floor Percentage	100%

## Performances

Maximum service speed	70 km/h
Acceleration (up to 35Km/h)	1,2 m/s <sup>2</sup>
Service Deceleration	1,2 m/s <sup>2</sup>
Emergency Deceleration	2,8 m/s <sup>2</sup>
Minimum Deceleration with Safety Brake	Min. 1m/s <sup>2</sup>
Maximum Gradient	8%
Output Power	4 x 105kW (V3)

## TramLink Bogies

Gauge	1000 mm // 1435 mm
Wheel Base	1760 mm
Wheel Diameter (new//worn)	600 mm // 520 mm
Primary Suspension	Rubber-Metal Springs
Secondary Suspension	Coil Springs
Running Type	Conventional Wheel-set

## TramLink Designations

TramLink Designations	Longitudes
V2 2 bogies, 3 modules	From 21 m to 27
V3 3 bogies, 5 modules	From 28 m to 35
V4 4 bogies, 7 modules	From 37 m to 44
V5 5 bogies, 9 modules	From 46 m to 57

## TramLink Dimensions (base configuration V3)

Train Composition	5 Modules
Length	From 28 m to 35 m
Height (folded pantograph)	3 450mm
Width	2,3m // 2,4 m // 2,65 m
Floor Level	360 // 450 mm
Access Level	315mm
Doors per side (TramLink bi-directional)	4 Double: 2000 x 1300mm; 2 Single: 2000 x 800mm;

## TramLink Capacities (standard vehicle V3 2,65m)

Seated	54 + 6 Foldable
Standing (4 pas/m <sup>2</sup> )	182
Multipurpose Areas	2

## Weight (standard vehicle V3 2,65 m)

Car Weight (empty)	41500kg ± 3% (Basic configuration)
Normal Payload (4 p/m <sup>2</sup> )	55000 kg



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