



A new range of trams

Enhanced passenger comfort, robust structure and the versatility to adapt to the needs of any operator are the hallmarks of the Tramlink.

GENERAL CHARACTERISTICS

Option of two traction units

Body made of high-strength stainless steel

Glued external plating for easy repair

Optional rear view camera

Large glazed surface

Complies with EN 15227 for crashworthiness

Regenerative braking with energy storage and saving systems

Water-cooled traction motors

Sanding systems in all motorized axles

Wheel flange lubrication system (time, distance and location can be scheduled)

Anti-skid and anti-slip protection systems

Advanced passenger information systems

Independent HVAC in driver cabs and passenger areas

CCTV system

People counting/fire detection systems

All bogies with high-duty electromagnetic track brakes

Possibility to install rear view cameras

Maximum floor gradient 5%

Customized frontal design and interior layout

TRAMLINK FAMILY	
Power supply voltage	750 V DC (+20-30%)
Minimum track radius (normal operation/depot)	18 m // 17 m
Interconnecting aisle	Width >1,230 mm
Low floor	100%

PERFORMANCE	
Maximum speed	70 km/h
Acceleration (up to 35 km/h)	1.2 m/s ²
Normal deceleration	1.2 m/s ²
Emergency deceleration	2 m/s ²
Minimum deceleration with safety brake	1 m/s ²
Maximum gradient	8%
Rated output	4 x 105 kW (V3)

TRAMLINK BOGIES	
Gauge	1,000 mm // 1,435 mm
Wheelbase	1760 mm
Wheel diameter (new // worn)	600 mm // 520 mm
Primary suspension	Rubber-metal springs
Secondary suspension	Conventional wheelsets

TRAMLINK DIMENSIONS (basic V3 configuration)	
Number of cars	5
Overall length	28 to 35 m
Height (pantograph folded)	3,450 mm
Width	2,0 m // 2,40 m // 2,65 m
Floor height	360 mm // 450 mm
Access height	315 mm
Doors each side (Tramlink, bidirectional)	4 double: 2,000 x 1,300mm 2 single: 2,000 x 800 mm

TRAMLINK CAPACITIES (standard V3, 2.65 m)	
Seats	54 + 6 folding
Standing (4 passengers / m ²)	182
Multipurpose areas	2

WEIGHT (standard V3, 2.65 m)	
Car weight (empty)	41,500 kg ± 3% (basic configuration)
Rated payload (4 p/m ²)	55,000 kg

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Tramlink Efficient mobility



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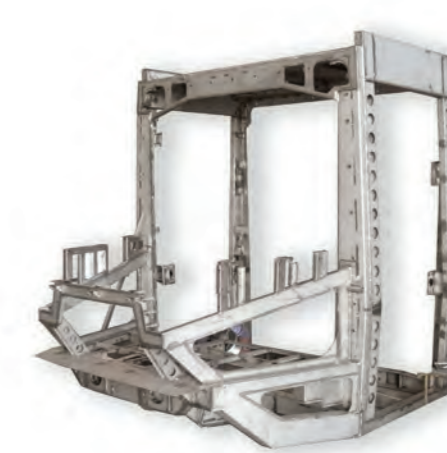
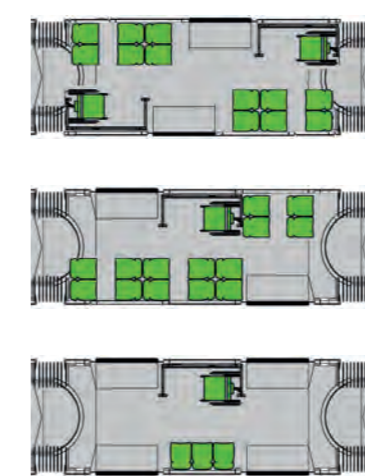
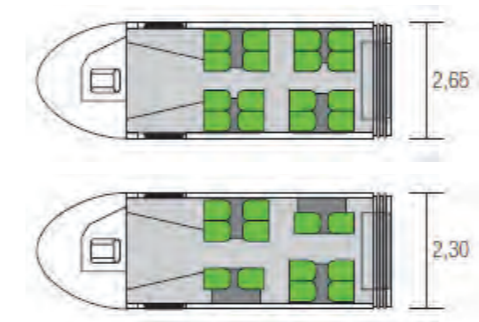
With the guarantee of more than a century

... of experience from contributing to innovative solutions in rail transport, our goal is to design and develop technologically advanced, high-performance and environment-friendly rolling stock that allows comfortable, fast, safe and accessible transport tailored to the specific needs of operators and passengers alike.



A comfortable model

Vossloh's experience in the design, integration and manufacture of complete vehicles combined with vast technological knowledge in the development of high-performance bogies, assure the best ride dynamics and greater use of interior space without steps or ramps, allowing up to 16 seats above the bogies and passengers a safe and comfortable journey.



A sustainable and ecological vehicle

Tramlink is engineered to have the longest possible life-cycle with the lowest maintenance costs. The energy recovery and storage systems as well as the use of stainless steel with a high elastic limit, minimize your operating costs while ensuring compliance with EN 15227 requirements for crashworthiness.

A versatile vehicle

With configurations of 3, 5, 7 or 9 articulated cars, with lengths ranging between 21 and 57 meters. Adaptable to metric and standard gauges, and allowing width options of 2.30 to 2.65 meters. A low-floor tram with customizable design.



TRAMLINK CONFIGURATIONS	LENGTHS
V2 - 2 bogies - 3 modules	21 m to 27 m
V3 - 3 bogies - 5 modules	28 m to 35 m
V4 - 4 bogies - 7 modules	37 m to 44 m
V5 - 5 bogies - 9 modules	46 m to 57 m



An accessible vehicle

100% low floor and fully accessible for people with limited mobility. Multipurpose areas.

