



PROSPER TRAM

Low Floor - 100% Electric

The connection between versatility and technology.

Versatility and technology connected with the latest in **TRAMs**.
Strategic partnerships.

Marcopolo
RAIL

PROSPER TRAM

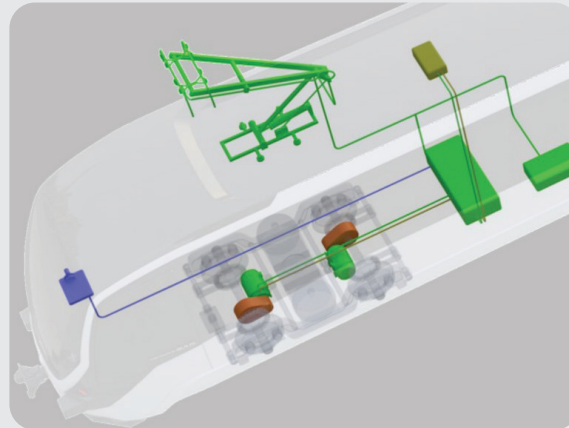
Low Floor - 100% Electric

TECHNOLOGY

- Compliance with international railway standards
- One-piece air conditioning system
- Large glass area
- Cab with ergonomic headliner
- High customization capacity
- 100% Electric (Catenary)

ADVANTAGES

- Silent
- Zero emissions
- Transmission and reversal system not necessary
- Lower maintenance costs
- High energy efficiency >95%



The internal layouts are developed according to each project, with a view to passenger comfort and greater use of the passenger area.

TECHNICAL DATA

100% Electric TRAM

Operational Unit Composition (TRAM) - cars	3	4	6
Track gauge (mm)	1435		
Movement	bi-directional		
Number of cabins per tram	2 (two)		
Window material	Polycarbonate/Glass		
Railing and handrail material	Stainless steel		
Composition length (meters)	30.5	40.65	58.69
Maximum external width	2,400 mm		
Maximum vehicle height	3,600 mm		
Height from floor to rail billet in door area	325 mm		
Type of motorization for traction / Supply voltage	100% electric with catenary / 750 Vdc		
Maximum axle weight	8000 Kgf		
Door span width	1600 mm		
Number of door openings per side	3	4	6
Internal circulation between cars	Gangway		
Minimum horizontal curve radius	15 m		
Maximum ramp	6%		
Total passenger capacity per tram (6 passengers/m ²)	231	314	480
Seated passenger capacity per tram	72	104	144
Maximum operating speed	80 Km/h		



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