

KOCAELİ TRAM

- High performance
- Environmentally friendly
- %100 low floor
- Modular and flexible design
- Silent
- Low maintenance and energy consumption
- Comfortable, green and enjoyable journey opportunity



Environmentally friendly transportation to Kocaeli,
one of Turkey's most important industrial and commercial cities.

Length



33 m

Speed



70 km/h

Passenger Capacity



375

%100 Bozankaya Engineering



Zero-Emission Travel with High Technology



Bozankaya Kocaeli Tram

Kocaeli, one of Turkey's leading cities with its natural beauty and modern city structure, entered a new era in public transport, with high-tech trams of Bozankaya.

Bozankaya trams serve to passengers a comfortable transport experience with their silent operation and also contribute to Kocaeli's sustainability targets with low energy consumption.

Bozankaya trams are reshaping urban transport in perfect harmony with Kocaeli's architecture and natural structure with a modern design, low maintenance cost and high performance.

Technical Specifications

Length	30 m		
Width	2,4 m		
Weight	37 tons		
Track Gauge	1435 mm		
Number of Bogies	3 (Bo+2+Bo)		
Number of Modules	5		
Low Floor Percentage	100%		
Door Entrance Height	300 mm		
Number and Type of Doors	8 Double Doors + 4 Single Doors		
Seated Passenger Capacity	64		
Standing Passenger Capacity (8 Passengers/m ²)	210		
Total Capacity	274		
Wheelchair Areas	2		
HVAC Capacity	Passenger	Heating 32 kW	Cooling 66 kW
	Driver	4,5 kW	4,5 kW
Max Speed	70 km/sa		
Max Acceleration	1,0m/s ²		
Braking Deceleration	1,2m/s ²		
Min Horizontal Turning Radius	20 m		
Operating Line Voltage	600 V DC		
Max Axle Load (AW3)	<10 tons		
Wheel Diameter Range	620-540 mm		
Engine Powers	4x95 kW		
Driving Direction	Bidirectional		
Coupling	Mechanical		