

KOCAELİ METRO

New Generation Technology in the Metro Bozankaya's GoA4 Driverless Metro



KOCAELİ METRO

High-Tech Driverless Metro



High performance, safe and comfortable "**Kocaeli Metro**" is Türkiye's first driverless high-tech metro.

Specially produced for Kocaeli, driverless (GOA4), modern and new generation Bozankaya metros provide flexible and comfortable travel thanks to their modular design.

Bozankaya metros are environmentally friendly with zero emission and low energy consumption, are also business-friendly with low maintenance costs, uninterrupted service and high efficiency.

Metro vehicles with a capacity of carrying **1476** (AW4) passengers; it provides maximum travel comfort to all its passengers with bicycle and scooter carrying compartments, specially reserved areas for the disabled, lighting, ventilation, ergonomics, sound insulation and optimized space use.

Technical Specifications			
Train Configuration	MC1-M-T-MC2		
Vehicle Length	88 m		
Vehicle Width	3050 mm		
Vehicle Weight	140 tons		
Track Gauge	1435 mm		
Number of Train Bogies	8		
Number of Train Modules	4		
Platform Height	1050 mm		
Number of Train Passenger Doors	32 Double Doors		
Double Wing Door Clearance	1450 mm		
Total Capacity (AW4)	1476		
Wheelchair Area	2		
Ventilation Capacity		Heating	Cooling
	Train Set	8x19 kW	8x35 kW
Max Speed	80 km/h		
Max Acceleration	1,1 m/s ²		
Braking Deceleration	1,3 m/s ²		
Min Turning Radius (In Depot)	80 m		
Max Inclination	5%		
Line Voltage	1500 V DC		
Maximum Axle Load (AW4)	≤15,5 tons		
Wheel Diameter Range	840-760 mm		
Motor Power	12x135 kW		
Driving Direction	Bidirectional		
Coupling	Mechanical		