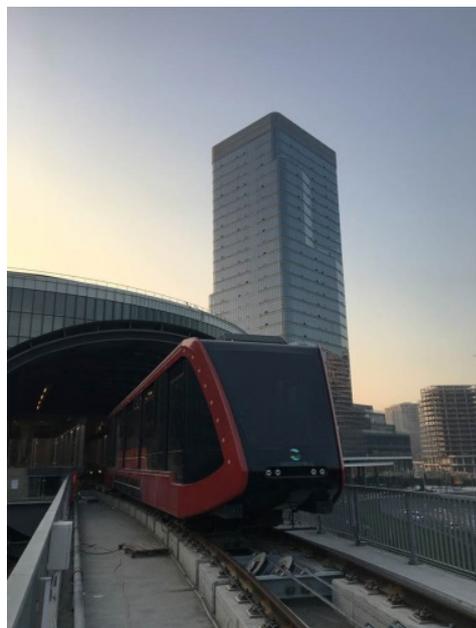


Opening of Vadistanbul

About €2 billion flowed into the development of the new Vadistanbul district that has been created near the stadium of Galatasaray Istanbul. The area now includes Turkey's largest office complex, huge shopping malls and a large number of condominiums. One key element of this huge project is a funicular railway made by Bartholet Ropeways that connects the business and residential area with Istanbul's subway system.



The erection of the funicular railway was hardly a piece of cake for Bartholet Ropeways. After all, a construction site of this dimension poses its very own set of challenges. The track routing was just one of them. The route rises and falls. It also has a few curves, something that requires exceptionally good cable guidance work.

Another first is that the vehicles are powered by Supercap batteries. As a result, no collector rails are used. The complete interior and exterior lighting systems of the cabins, ventilators, safety components, monitors, speakers, etc. can be operated by these batteries. All of these components are also fully integrated and automated. The platform doors, which were also ordered through Bartholet Ropeways, are automatically coordinated with the operation of the railway.



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This closely watched project represents a huge step forward for Barholet Ropeways in many ways. It is the company's very first funicular railway and is a major addition to its product portfolio. In the process, Barholet Ropeways was also able to develop another public-transportation system that complements its last urban project in Brest (FR). The first funicular railway made by Barholet Ropeways has been operating since the beginning of November.



Ropeway type:	Funicular railway
Sloping length:	750 m
Height difference:	40 m
Number of vehicles:	2 capable of carrying 250 persons each
Traveling speed:	0 - 7 m/s
Handling capacity:	3,500 passengers per hour
Traveling time:	2 min 29 s
Control:	Nidec



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