

IF252

FUNICULAR DE TIBIDABO

BARCELONA – ES – 2021

Length	1.124 m	Vehicles	2
Height difference	279 m	Power (kW)	806 kW
Throughput per hour	1.500		

The funicular up the 512-meter-high Tibidabo in Barcelona has been comprehensively refurbished, marking a completely new chapter in its history. LEITNER was responsible for renewing the funicular's control system, supplying the two cars, and installing the rope pulleys and rails, station equipment, and automatic platform screen doors. Its speed has been increased from four to ten meters per second, its capacity from 120 to 252 passengers per trip.

Aside from all the new technology and the integration of a new safety system, much of the focus was on the ropeway's design, which, now it has been upgraded, offers more space in the cabins, an improved panoramic view, and more comfort. As well as a noticeable reduction in noise and vibration, the journey is now far more relaxed thanks to air conditioning, barrier-free entry, and ergonomic seats. The latter have been made semi-transparent, making the space inside seem even bigger than it is. The funicular is visible from far and wide, especially during the hours of darkness, on account of its striking, futuristic exterior lighting.