

## Bartholet Ropeways builds a ropeway in the center of Moscow

Bartholet Ropeways is building another new ropeway in Russia. The city ropeway, a mixed system with gondolas "Design by Porsche Design Studio", conveys passengers from the Olympic Stadium to Vorobyovy Gory, the city's highest point and the site of a new recreational area. The first section will cross the Moskva river and feature two distinctive Y-shaped support towers that are 30 meters tall. In the second section, ten additional 4-seat chairs will be inserted via a so-called "in-process switch".



This second section from the middle station to the mountain station replaces a fixed 2-seat chair lift that previously took visitors to the ski jump.

To meet the demands of Moscow's citizens, the gondolas will feature Wi-Fi, monitors, MP3 players, as well as interior and exterior lighting. Two of the 35 gondolas will be special VIP models that can be quickly inserted when needed. In addition, the gondolas will be equipped with ski holders in winter and bicycle racks in summer.

The ropeway will also function as a feeder line to Lushniki Olympic Stadium, which will host the final of the 2018 FIFA World Cup.



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**Technical data:**

Installation type:	<b>Téléporté-Mixte with 4-seat chairs + 8-passenger gondolas, gondolas "Design by Porsche Design Studio"</b>
Valley station elevation:	<b>133 meters above sea level</b>
Mountain station elevation:	<b>193 meters above sea level</b>
Vertical rise:	<b>60 meters</b>
Inclined length:	<b>703 meters</b>
Number of vehicles	<b>Section 1: 19 gondolas</b> <b>Section 2: Summer operation: 16 gondolas</b> <b>Winter operation: 10 gondolas, 10 chairs</b>
Driving speed:	<b>0 to 3.0 meters per second</b>
Capacity:	<b>1,600 passengers per hour</b>
Drive:	<b>80 kW / 120 kW</b>
Grip system:	<b>Detachable</b>
Rope:	<b>46 mm / 6 x 36 Seale</b>
Number of towers:	<b>9</b>



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