

## In Colombia Cableways Have Been Proving Themselves for Decades Cable Car Leading Directly to the Center of Manizales

With half a million inhabitants, the city of Manizales is the capital of the Colombian province of Caldas. It was founded in 1848 and was rebuilt as a modern city after a disastrous fire in 1925. Situated at an elevation of 2,160 meters (7,087 feet), it is located in the heart of Colombia's main coffee-growing region. It is nestled in the steep mountain landscape, and thus roads with grades of 25% are not at all a rarity. For that reason, cableways have for decades been a favorite means of transportation in and around Manizales, whether for passengers or for the transport of coffee. In any case, cableway systems extend for a total of around 110 kilometers (around seventy miles) in this area.

The new eight-seat "Manizales" cable car is completely connected with the public transit network and also integrated within the ticket system. The lower station of the new "Los Cambulas" cable car was built at the entrance to the city along with a new bus station. From there, the route runs through a densely inhabited residential area to the "La Fuente" middle station and then directly on to the city center, in which



The cable car is fully integrated in public transport

the "Los Fundadores" upper station was built. In this way, passengers can cover the more than two kilometer (mile and a quarter) distance with the new lift daily from 6:00 A.M. to 10:00 P.M.

Comfortable riding pleasure is provided by the forty-two Diamond cars from Sigma, which offer room for six passengers and are equipped with a light, radio, and a ventilation system.

### Technical Data

Bottom terminal	1,888 m	Operation speed	5,0 m/s
Top terminal	2,128 m	Transport capacity	2,100 P/h
Drive station	Bottom	Power of the main drive	460 kW
Tension station	Top	Total number of towers	13
Vertical rise	240 m	Total number of cabins	58
Inclined length	1,880 m	Rope diameter	46 mm