

NEWSLETTER

THIS MONTH'S PIECE | November

Funicular's miniature

This reduced model of a Funicular, dates back to 1892, having been designed and built by Joaquim Borges Cardoso, partner at the firm Cardoso & d' Argent, builder, among others of the Lisbon Funiculars and the Santa Justa Lift. It is believed that has served as an element of study to installation of steam traction in the funiculars.

It was object of meticulous restoration in the workshops of the then Directorate of Maintenance of Santo Amaro and its greatest interest lies, to in addition to all the aesthetic care placed on its construction, in the mechanical system, as well designed and executed, which sufficed cleaning and lubrication operations, once again, put it in perfect condition operating, despite having been stuck tens of years.

On some visits to the CARRIS' Museum is possible to get this piece to work and listen your particular sound.

Brief history of Funiculars and Lifts of Lisbon

The funiculars and lifts of Lisbon arose from the need to establish a public transport to beat the hills of Lisbon. In these steep and inclined streets animal traction would not be effective. The Lavra Funicular (1884), Glória (1885) and Bica (1892) will be built by the Company of Mechanical Lifts of Lisbon and the Santa Justa Lift (1902) by the Company of the Carmo Elevator.

Among others engineers, Raul Mesnier du Ponsard will have valuable participation in these projects. The funiculars ran first with a water counterweight system, then the steam and finally electricity. Around 1927 these emblematic vehicles would belong to CARRIS.

In 2002, three funiculars and the lift were classified as National Monuments. In addition to these funiculars and lift, other existed, however, with the emergence of electric (1901) were replaced by lines. By way of example we mention the Estrela Funicular, Graça Funicular or the Município-biblioteca.



Images 1 and 2 - The model can be seen in Space 1 of the CARRIS' Museum.

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Workshop of Christmas holidays

In December we prepared a fun programme for your children in the period of school holidays. Three days with visit and challenges, artistic workshops, games and games with much Christmas spirit.

Date: 21, 22 and 23 December, from 9am to 17.30pm

Ages: from 5 to 12 years old

Maximum participants: 18

Minimum participants: 15

Price: : 55€ / 45€ Employee Discount (CARRIS) or brothers

**No meals included.*

Find out more in: museu@carris.pt.



Image 3 - Workshop of Christmas holidays

DID YOU KNOW THAT...

It was in 1994 that women began driving CARRIS' trams for the first time.

Women were integrated into the driving team of CARRIS in the 90's. That happened when new articulated trams were acquired and came into service in 1995 and 45 traditional trams were refurbished in 1996. The company was trying to initiate a period of change and modernization.

It was on 17 October 1994 that was held the first training for tram drivers including women.

They were former students, secretaries and clerks. From a total of approximately two hundred candidates, nine were selected after undergoing all the preliminary tests. This moment was marked by a report on RTP1 television news program of 16 October 1994.

Nowadays, it is quite common to see a brake-woman or a driver-woman on a CARRIS vehicle. There are about 80 female employees in traffic, of which 26 are brake-women.



Image 4 - The 9 candidates selected