

## Chair Model CS10

 ... to trust.

 From safety ...





## Up to seven children with each accompanying adult

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Taking the long view, identifying trends, creating innovations – these are the strengths you can count on as a Doppelmayr/Garaventa customer. With leading-edge ropeway technology, we set the benchmark for transport systems geared to the future. Your trust in our capabilities and products motivates us to provide you with top performance every time. As your partner we take pride in our reliability.

European ropeway standards stipulate that children with a body height of less than 1.25 m can only be carried on a chair with no special safety devices if accompanied by one adult per child. That can pose considerable organizational challenges for large families and ski schools. To address this problem, Doppelmayr developed the CS10 chair model which is innovative on a world scale.

The automatic locking of the restraining bar and the individual footrests ensure that all passengers – whether large or small – travel safely. Up to seven children with a minimum body height of 90 cm can be carried with just one accompanying adult.

Notices and info screen in the access area tell passengers the correct way to behave when using the lift. To make loading particularly easy for younger passengers, a height-adjustable loading carpet with automatic body height recognition can be installed.

Carrier speed in the loading area is significantly lower than on standard lifts. This enables children to board safely and without having to hurry. A newly developed foot- or skirest for each passenger is attached to the restraining bar. When the restraining bar is closed, the footrest connecting tube rests between the passenger's legs. This makes it impossible for the passenger to slip out of the seat.


➤ World first: CS10 chair model  
with automatic restraining bar locking



## Visual supports

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To ensure that passengers are correctly seated during the closing operation, dividing elements are fitted between the seats. The mascot printed at the front of the seat serves as a marker for the correct sitting position. The colour of the upholstery is also varied to make the individual seats readily identifiable.

 Alternating colour scheme helps seat identification







# Optimal safety plus maximum comfort

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After passenger loading, the restraining bar is automatically closed and locked. This operation is electro-mechanically monitored. The passengers cannot open the restraining bar during the trip. The bar is not unlocked and automatically opened until the passengers have arrived at the top station.



➤ Only 1 adult required to accompany up to 7 children of height 90 cm and above



## Key features at a glance

- no slipping out of the seat possible
- automatic closing and opening of the restraining bar
- automatic lock monitoring
- seats readily identifiable through alternating upholstery colors, dividing elements and central marking
- video information on correct behavior provided in access area
- lower seat height for loading
- lower carrier speed in the stations



357/eng/doma/mce/032013/1000

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