

***Collector trolley series C7  
for Multiconductor***



**AKAPP-STEMMANN**

Member of the Fandstan Electric Group

# AKAPP collector trolley C7

One of the most vital parts of a Multiconductor-installation is the collector trolley. This ensures connection between mobile apparatus and the conductor.

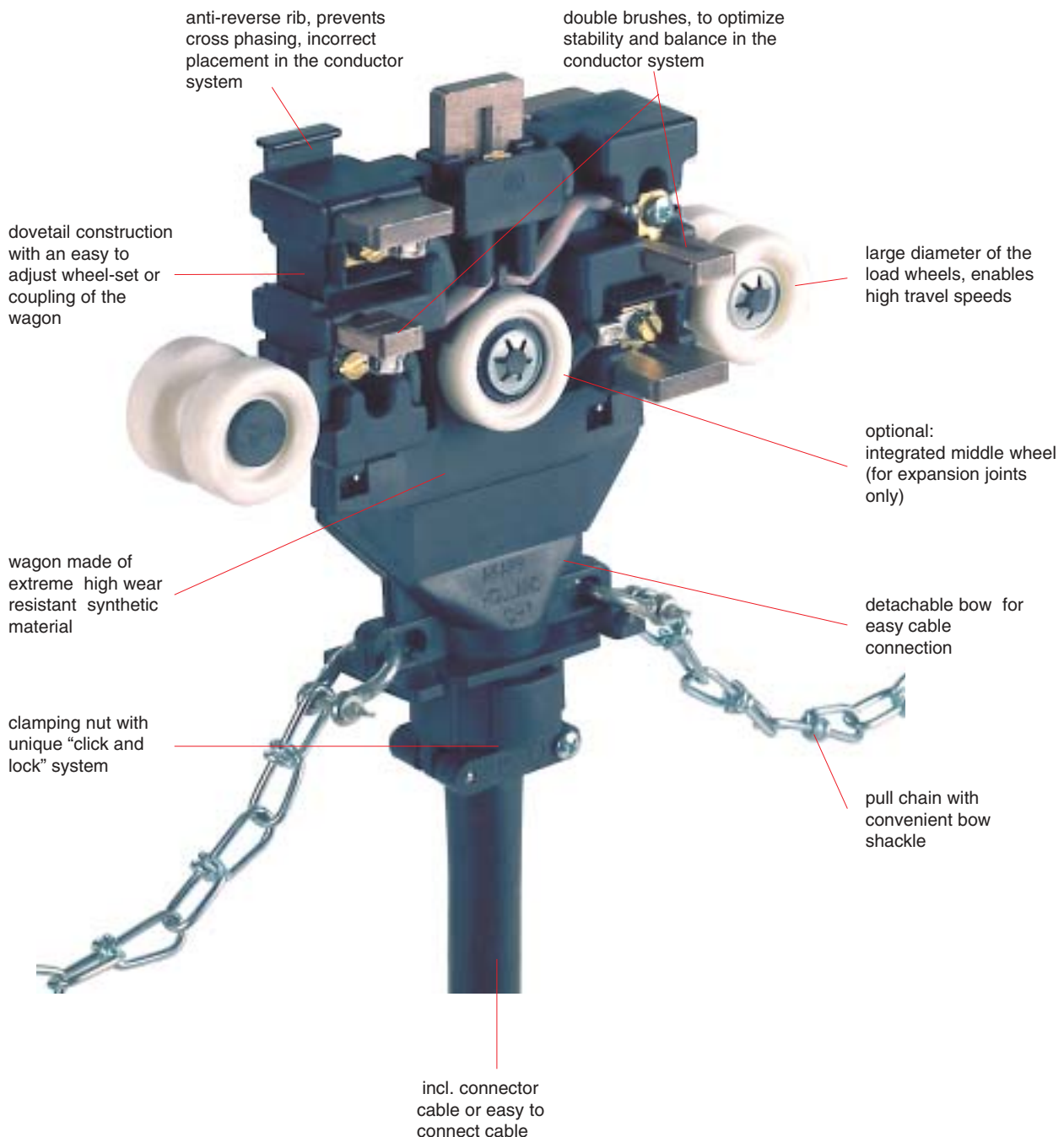
The AKAPP collector trolley C7 offers the most reliable transmission for conduction as well as for control and data signals.

One of the main characteristics of C7 is that the models can be adjusted easily. Adding or removing the brushes, wheels or even complete wagons can be effected quickly and in many occasions even without the use of tools!

A large variety of standard models are available.

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## The standard collector trolley with its specific characteristics:



# Many variations with C7 collector trolleys

The C7 collector trolleys are available to suit 2 to 7 guides, as required, and are suitable for maximum current capacity of 35A, 70A and 100A; duration of duty cycle is 60%.

The collector trolleys are supplied with a connector cable. Connection with the apparatus to be powered by means of a transition box, usually mounted near the collector trolley on the towing construction. (for further details please see our

brochure "AKAPP Multiconductor") .

The standard models of the C7- collector trolleys are suitable for nearly all possible situations and are easy to adjust at the same time. The summary below indicates the most common used models and options. The required model often depends on specific organisational circumstances.

Should you require further advice do not hesitate to contact AKAPP -STEMMANN.

## STANDARD CONSTRUCTIONS:

Collector trolleys are normally supplied with a connector cable (models CL7-..). Length per connector cable approximately 1 m externally, for collector trolleys used for transfer guides (model ITN), this length is 2 m (models CLTG-..). Collectors without cables can also be supplied (models C7-..).



C7-4-35

### Collectors trolleys up to 35 A

Standard equipped with 4 load wheels. For installations with expansion joints, a set of ball bearing middle wheels is mounted (indication ../E, see illustration at the right hand side). For installations in dusty environments and / or high travel speeds, ball bearing wheels are mounted (indication ../S).



CL7-5-35/S/E



CL7-7-70/S

### Collector trolleys up to 70 A

Standard equipped with 4 load wheels. For installations with expansion joints, a set of middle wheels is mounted into each wagon. Both wagons are connected by two dovetail joints.

### Collector trolleys up to 100 A

Standard equipped with 4 load wheels and 1 set of middle wheels in the middle wagon. The standard wagon is therefore also suited for installations with expansion joints. The wagon is connected by two junction pieces.



CL7-7-100/S

## OPTIONAL WHEEL-SETS:



Load wheels and top wheels (../T)

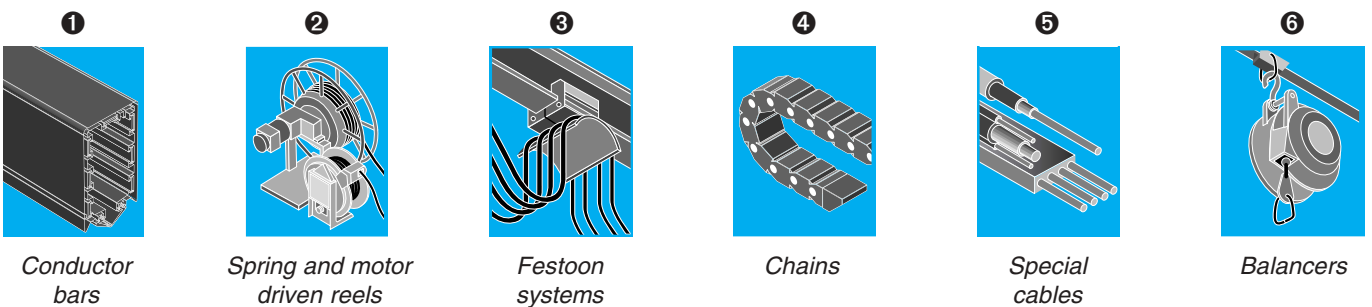
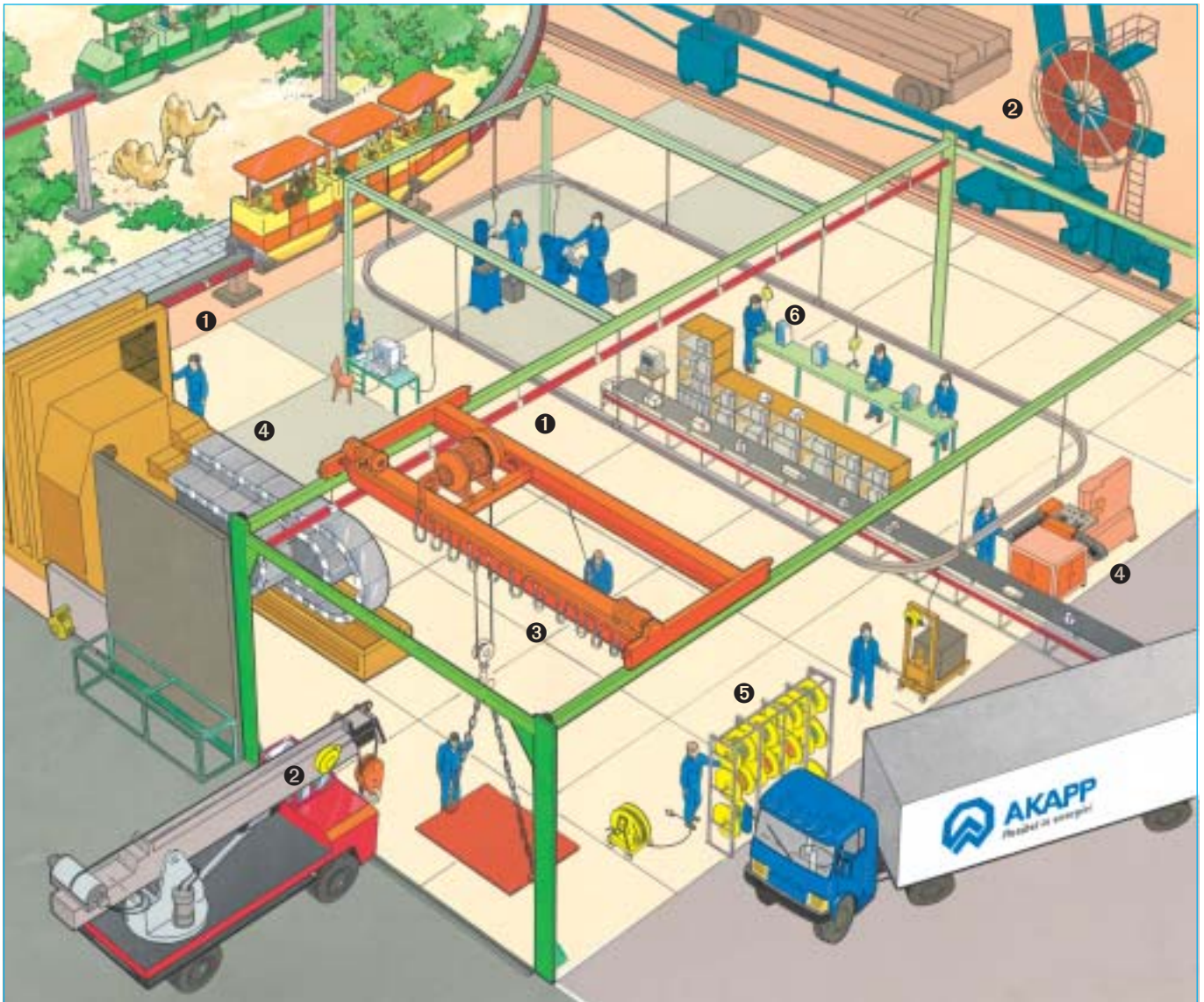
The standard collector trolleys will suit almost all situations. Should the situation require extra stability, this can be realised with top wheels (illustration left hand side ) and/or side wheels (illustration right hand side). The universal dovetail joints guarantees many possibilities with the wheel -sets. It is advised however to discuss the application with us.



Load wheels and side wheels(../Z)



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*AKAPP-STEMMANN is represented world-wide in over 40 countries!*