

Product Overview

Festoon Systems



CONDUCTIX
wampfler







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Our festoon systems at a glance

The Conductix-Wampfler festoon system contain equipment for steel ropes, C-track, square-track and I-beams. It is flexible and adaptable to the customers needs. The energy transmission systems for straight-, circular- and curved-tracks contain all componets needed to achieve the best solution.

Even in harsh environments such as silo installations or waste water treatment plants, reliability and durability are garenteed.

In high speed applications with heavy loads such as grab cranes, ship to shore container cranes, stacker cranes and conveyor systems, Conductix-Wampfler heavy festoon systems with optional motor driven trolleys come into operation.

	Steel rope 	C-Track 	Square-rail 							
										
Application	<ul style="list-style-type: none"> For light energy supply systems applications which do not allow the installation of C-Track 	<ul style="list-style-type: none"> Standard cranes Overhead bridge cranes Hoisting devices Conveyor systems Cleantech Special engineering 	<ul style="list-style-type: none"> Circular and curved tracks Highly dusty environments 							
Trolley design	<ul style="list-style-type: none"> Plastic 	<ul style="list-style-type: none"> Galvanized steel Stainless steel For explosion-proof areas 	<ul style="list-style-type: none"> Galvanized steel Stainless steel For explosion-proof areas 							
Program				0270	0280					
Max. travel speed** [m/min]	40	50	80	100	100	120	120	120	70	80
Max. load capacity/trolley** [kg]	6	20	20	32	50	80	125	125	25	36
Max. system length [m]	30	100	80	120	150	150	150	150	150	200
Rope diameter [mm]	6 - 8	8 - 12								
Rail dimensions [mm]			30x32x2 (1,5)	40x40x2,5	50x50x3,5	63x63x4	80x80x5			
Roller diameter [mm]	18/(36)	28/(52)	25	32	40	52	62			
Support diameter [mm]	50/80	50/80	50 - 250	50 - 320	80 - 320	125 - 320	125 - 320			
Flat cable	○	○	○	○	○	○	○			
Round cable	○	○	○	○	○	○	○			
Drive										
Features	<ul style="list-style-type: none"> One or two rollers Cable trolley with hook for cable holder 	<ul style="list-style-type: none"> Round cable trolleys Ideal control unit trolley 	<ul style="list-style-type: none"> Round cable trolleys Ideal control unit trolley 							

All systems can be delivered pre-assembled. Do you need a special solution for your application? - Feel free to contact us!

Here are some applications with Conductix-Wampfler festoon systems:



Main power supply of a longitudinal scraper bridge in a waste water treatment plant



Hose-transportation in a truck washing facility



Power supply of the crab on an overhead bridge crane



- Application**
- Standard cranes
 - Special overhead bridge cranes
 - Conveyor systems
 - Electric trains

- Trolley design**
- Plastic / aluminum (0314)
 - Galvanized steel with stainless steel components (0320-0330)

- Application**
- Stacker cranes
 - Grab cranes
 - Container cranes
 - Conveyor systems
 - Process cranes

- Trolley design**
- Galvanized steel with stainless steel components

- Application**
- STS-container cranes
 - Grab cranes
 - Ladle cranes
 - High speed conveyor systems

- Trolley design**
- Galvanized steel with stainless steel components

- Application**
- STS-container cranes
 - Grab cranes
 - Automatic cranes

- Trolley design**
- Galvanized steel with stainless steel components

0314	0320	0325	0330	0350	0360	0365	0370	0375	0380	0385
50	100	120	150	160	160	300*	210	300*	300	300
20	80	125	200	350	500	350	350	800	800	800
40	40	50	63	50 – 100	50 – 125	112/125	125/160	125/160	125/160	160
50	80 – 320	125 – 320	125 – 320	125 – 250	260/360/460	360/460	260/360	260/360/460	360/460	260/360/460
○	○	○	○	○			○			
○	○	○	○		○	○		○	○	○

- Features**
- Main rollers (with/without flange)
 - Guiding rollers and anti-lift rollers with steel or plastic bandage

- Features**
- Side-loading cable supports
 - Main rollers of large dimensions with steel or plastic bandage

- Features**
- Reinforced trolley body
 - Patented roller arrangement (0365)
 - Main rollers with highly wear-resistant plastic bandage

- Features**
- Reinforced trolley body
 - Patented driving concept
 - Main rollers with highly wear-resistant plastic bandage
 - Drive control with frequency converter

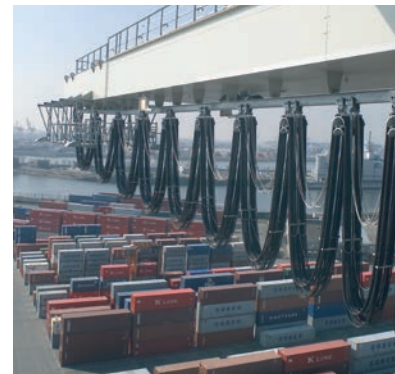
*in combination with motorized trolleys
**depending on roller size/roller material



Supply of the turning-cab on an EOT-crane



Energy and data transmission on a steel-mill-crane



Supply of the crab on a fast travelling STS-container crane

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