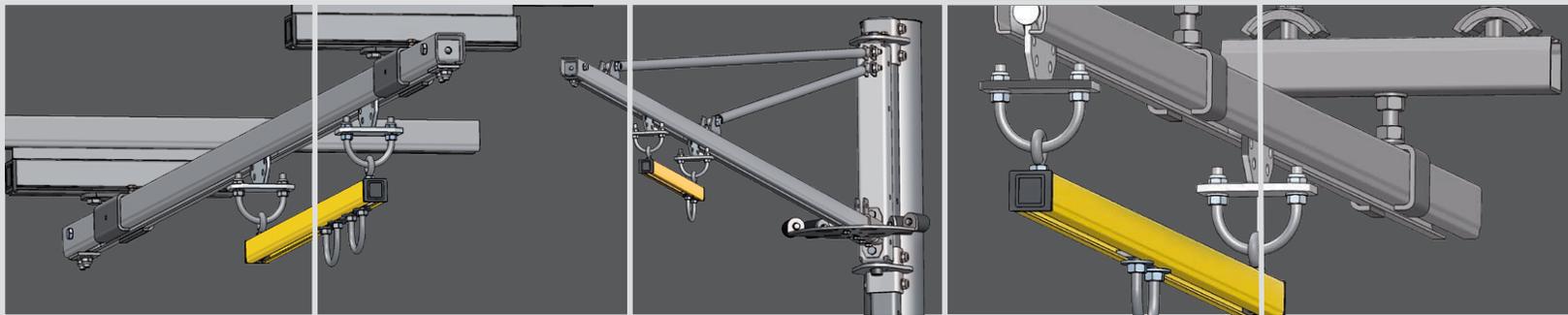


Product Overview

Workplace Systems



CONDUCTIX
wampfler



One-stop shopping!

Solutions are born as ideas and implemented through **products**.

Handling Systems from Conductix-Wampfler are applicable to all industrial sectors. With our workplace systems, we offer you the building blocks to create ergonomic workstations and assembly lines.

Conductix-Wampfler develops system solutions that are tailored exactly to individual requirements. Customers from all industry sectors rely on solutions from Conductix-Wampfler.

Robust and high quality products mean less repair and maintenance saving time and costs over the entire life cycle.

As a system supplier, we at Conductix-Wampfler offer our customers complete service, not just the delivery of the physical products which, if desired, include the steelwork and the lighting. Competent consulting, planning of the entire project, selection and procurement of components and accessories, appropriate logistics design, and on-site commissioning make Conductix-Wampfler stand out.

The result is that important data and necessary power are safely, reliably, and permanently available wherever and whenever they are needed.

Anywhere in the world!

You can count on it!



Equipment Crane
on an assembly line



Jib boom in boat manufacturing

C-Rail system at the finishing area
a car production



System Overview

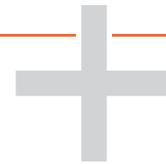
The range of Conductix-Wampfler workplace systems covers single and double rail systems to jib booms and equipment crane solutions.

When you combine an equipment or tool carrier and the appropriate energy supply, you can equip your workstation system according to your own specific application.



Jib Boom

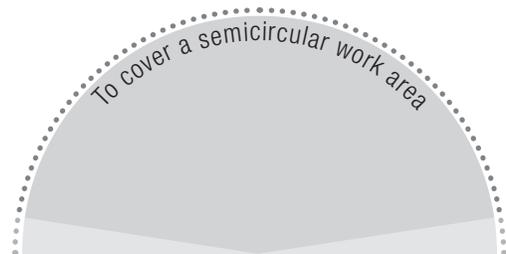
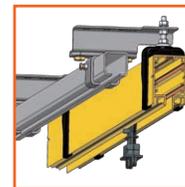
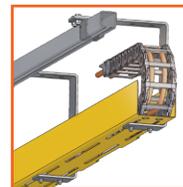
In combination with a tool carrier and energy supply.



Cable Chain

Conductor Rail

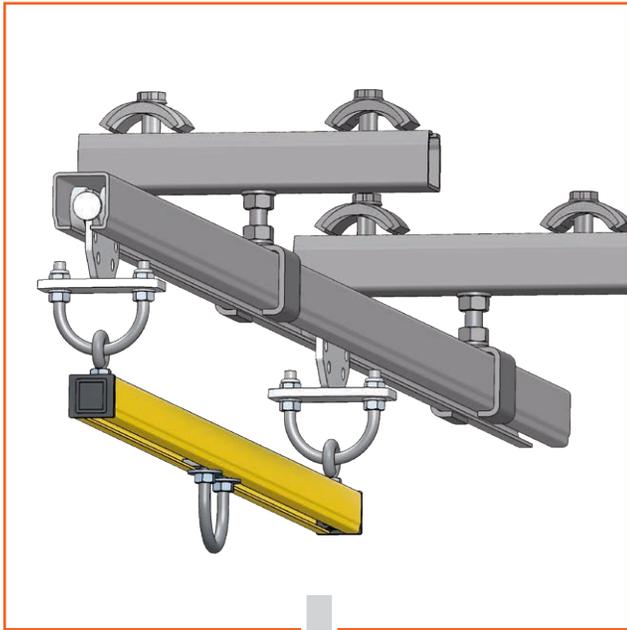
Festoon System





C-Rail track

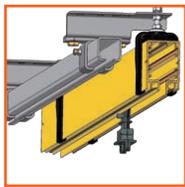
As a single or double rail, it can be combined with an equipment carrier and energy supply.



Cable Chain

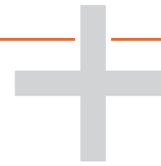
Conductor Rail

Festoon System



Equipment Crane

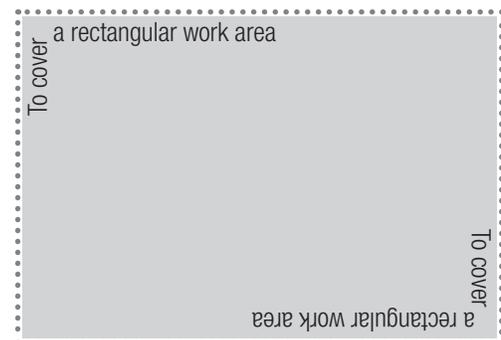
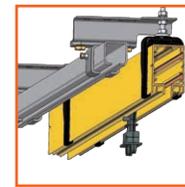
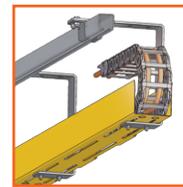
As a single or double bridged crane, it can be combined with an equipment carrier and energy supply.



Cable Chain

Conductor Rail

Festoon System





Jib Boom



Main applications:

Assembly work stations in almost all industries, such as furniture manufacturers, sheet metal, automotive industry, electrical equipment, and material handling

Variable use through ceiling or pedestal mounting, and customized column heights

Simple operation through smooth running rollers

High flexibility through modifiable and extendable C-rail profile

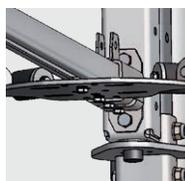
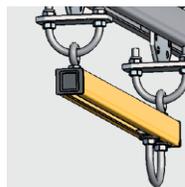
Maintenance-free through internal running rollers to prevent contamination

High safety through end position protection

Standard operational data

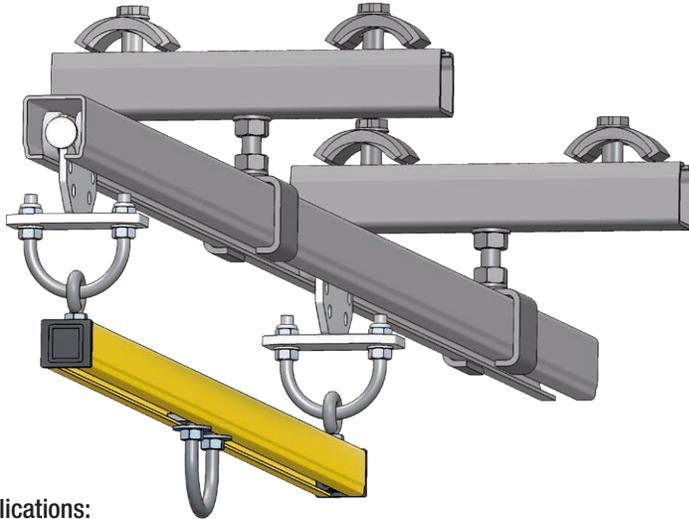
Boom lengths from	0.63 to 5 m
Column height of	3 m and 4 m
Profile sizes	C30, C40, C50
Max. load	6 kg to 50 kg
Operating conditions	Indoors, 10° C to +60° C
Mounting	With pillar or wall mounting bracket
Boom material	Painted steel and / or galvanized
Column material	Primed steel and / or painted
Power supply	Festoon system, cable chain, enclosed conductor rail
Tool holder	Equipment trolley and tool trolley
Bracing	From 10 kg

Not permitted to hoist! Special designs and deviating customer requirements on request.





C-Rail Track



Very easy movement through smooth running rollers

Flexible tracks through ease of curving

Variable mounting suspension through holders for wood beams, concrete and steel girders

High flexibility through extendable C-rail profile

Maintenance-free through internal running rollers to prevent contamination

Main applications:

- Assembly lines
- Testing workstations
- Assembly workstations in virtually every industry, such as furniture manufacturers, sheet metal, material handling, electrical equipment, packaging station

Standard deployment data

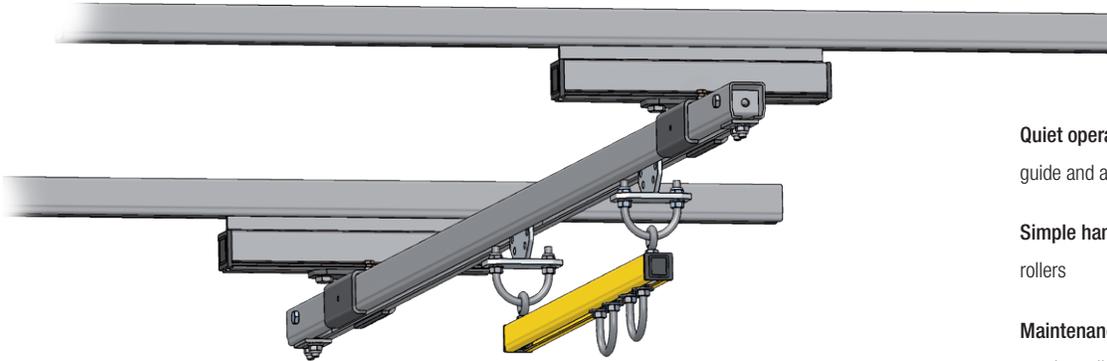
Track length	Almost all lengths possible
Characteristic	Single or double rail
Suspension clearance	1 m or 2 m
Profile sizes	C30, C40, C50, C63, C80
Maximum loads	Up to 800 kg distributed load / m
Operating conditions	Indoors 10° C to +60° C
Mounting	Ceiling, wall or floor mounting
Material C-rail, suspensions	Galvanized steel
Power supply	Festoon system, cable chain, enclosed conductor rail
Tool holder	Equipment trolley and tool trolley

Not permitted to hoist! Special designs and deviating customer requirements on request.





Equipment Bridge



Quiet operation using trolleys with side guide and anti lift rollers

Simple handling through smooth running rollers

Maintenance-free through internal running rollers to prevent contamination

High flexibility because of modifiable and extendable C-rail profile

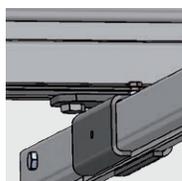
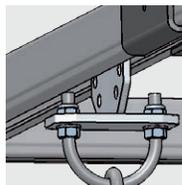
Main applications:

- Assembly lines
- Testing workstations
- Assembly workstations in virtually every industry, such as furniture manufacturers, sheet metal, material handling, electrical equipment, packaging station

Standard operational data

Track length	Nearly all lengths possible
Characteristic	Single or double bridged equipment crane
Bridge length	1 m to 6 m
Suspension clearance	1 m and 2 m
Profile sizes	C40, C50, C63, C80
Max loads	Up to 1000 kg / bridge
Operating conditions	Indoors, 10° C to +60° C
Mounting	Ceiling, wall or portal
Material C-rail suspension	Galvanized steel
Power Supply	Festoon system, cable chain, enclosed conductor bar
Tool holder	Tool trolley

Not permitted to hoist! Special designs and deviating customer requirements on request.



Energy Supply

The supply of electricity, compressed air and data can usually be provided through three fundamentally different systems.

Such systems are characterized by various advantages and can be individually adapted to your requirements.

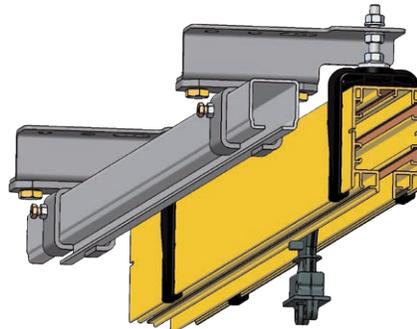
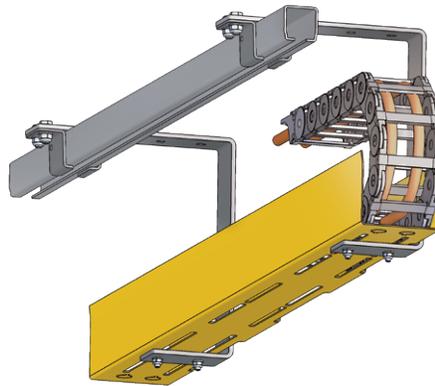
All three Conductix-Wampfler systems are in use around the world in very different applications.

The modular design of the systems and the almost limitless expandability make this universal applicability possible.



Combined reliability with enclosed conductor rail to an equipment crane.

Simple and flexible Festoon System on a C-Rail Track.



Festoon System

Classic towing system for simple applications, with hose or cable loops. For compressed air, electricity and data transmission.

Cable Chain in guiding channel

The integrated system replaces festoon loops with guided energy supply chain (Suitable for retrofitting). For compressed air, power and data transmission

Enclosed Conductor Rail

Multi-pole, closed conductor for movements preferably in a straight path. 4-5-6-7 poles for data and power transmission

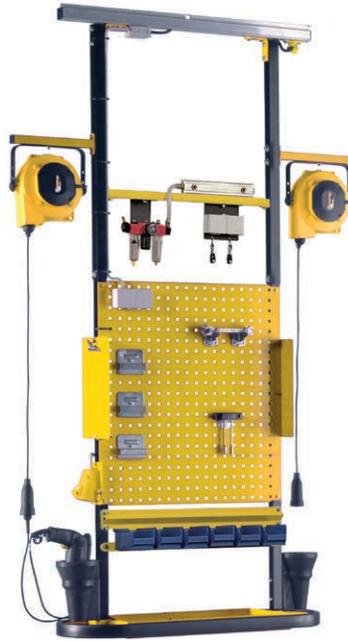
Equipment carrier

Equipment carriers function as both mobile energy distribution and tool storage units.



Equipment carriers

Sturdy C-rail carriers in lengths ranging from 400 mm to 800 mm, with easy moving trolleys and steel or plastic rollers.



Tool transporter

Adjustable draw lengths from 1750 mm to 3150 mm and models that can be rotated ($\pm 180^\circ$) are the basis for numerous mounting options. Tool carrier trolleys are available with steel or aluminum frames.



For customization of equipment carriers, Conductix-Wampfler offers a wide variety of **accessories**:

- Compressed air couplers
- Filter regulator-lubricator
- Electrical connections/distributors
- Cable/hose reels
- Balancers/retractors
- Perforated sheet metal
- Warehouse storage bins
- Tool bins
- Light fixtures
- ...



Customized solutions come first for Conductix-Wampfler: we identify, design, and produce your individual, ergonomically optimized tool transporter, including all accessories and equipment.

Service tailor-made



Industry-specific expertise

The scope and depth of Conductix-Wampfler services are oriented to the needs and requirements of our customers. From project planning to long-term service contracts, everything is possible, completely according to your wishes. The more complex the system design, the expectations on the life cycle and operational reliability, the more meaningful will be the commitment of our competent service teams. Try us!

Project engineering

- Product neutral consulting
- Selection of appropriate workplace systems optimized to customer needs, application parameters and environmental influences



Installation & Acceptance

- Delivery of pre-assembled systems
- Ensuring the correct assembly on site
- Quality assurance according to standards set by the customer
- Complete installation and commissioning by trained and experienced personnel

Maintenance & Service

- Regular maintenance and inspections increase the lifespan of the plant and thus secure long-term availability
- Conductix-Wampfler service agreements: „all-inclusive packages”



From project planning through pre-assembly to the installation, specialists from Conductix-Wampfler guide their customers all over the world!



Other Products from Conductix-Wampfler

The products described in this catalog represent a few of the products from the broad spectrum of Conductix-Wampfler components and systems for the transfer of energy, data, gases, and fluids. The solutions we deliver for your applications are based on your specific requirements. In many cases, a combination of several different Conductix-Wampfler products are needed to fill the application. You can count on all of Conductix-Wampfler's business units for hands-on engineering support - coupled with the perfect solution to meet your energy management and control needs.



Motor driven cable reels

Motor driven reels by Conductix-Wampfler are the perfect solution for managing long lengths of heavy cable and hoses in very demanding industrial applications. Monospiral, level wind, and random wind spools.



Slip ring assemblies

Whenever powered machinery needs to rotate 360°, field proven slip ring assemblies by Conductix-Wampfler can flawlessly transfer energy and data. Here, everything revolves around flexibility and reliability.



Conductor bar

Whether they are enclosed conductor rails, expandable single-pole bar systems, or high amperage bar for demanding steel mill use up to 6000 amps. Conductix-Wampfler's conductor bar is the proven solution to reliably move people and material.



Spring driven cable reels

We have 60 years experience and trusted brands such as Insul-8, Wampfler, and IER. We offer small cord reels all the way to large multi-motor units, a wide range of accessories, and hazardous location reels.



Cable Festoon systems

It's hard to imagine Conductix-Wampfler cable trolleys not being used in virtually every industrial application. They are reliable and robust and available in an enormous variety of sizes and models.



Push Button Pendants

Our ergonomic pendants are ideally suited for industrial control applications. They are available in a wide range of configurations for overhead cranes and other machinery.



Radio remote controls

Safe, secure, and reliable radios use the latest in microprocessor technology. Available in several models for overhead crane control and other types of machinery.



Inductive Power Transfer IPT®

The contact-less system for transferring energy and data. For all tasks that depend on high speeds and absolute resistance to wear.



Energy guiding chains

The "Jack of all Trades" when it comes to managing energy and data cables and air and fluid hoses. A wide range of energy guiding chains are available for many industrial applications.



Air hoists and balancers

ENDO Air hoists accurately place delicate loads and continuously vary the speed for precise positioning. They run cool in continuous operations.



Bumpers

Conductix-Wampfler offers a complete range of bumpers for the auto industry, cranes, and heavy machinery. These include rubber, rubber/metal, and cellular types.



Spring balancers and retractors

ENDO spring balancers by Conductix-Wampfler are rugged, reliable high-precision positioning devices that reduce operator fatigue and assist with accurate tool placement.

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