



CABLE MANAGEMENT FOR ONSHORE POWER SYSTEMS

Experience meets innovation – solutions for long travel
lengths and high additional loads

YOUR PARTNER FOR ONSHORE POWER

Onshore power systems in ports reduce emissions, noise and fuel consumption. By meeting international standards, various ship types can be reliably supplied with power around the world.

TSUBAKI KABELSCHLEPP offers customized cable management solutions for new and retrofitted onshore power systems. In addition to stationary systems, we also offer solutions for mobile systems and long travel lengths that can be adapted according to the moorings and infrastructure.

Your advantages:

- » Cable carriers for vertical, horizontal and combined motion.
- » Cable management for rotation and swivel motion.
- » Solutions for heavy cables and rough conditions.
- » Travel lengths of up to 500 m.

COMPLETE SYSTEMS – FOR OWNERS, USERS, DEVELOPERS AND MANUFACTURERS

Cable carrier systems are the lifeline of modern onshore power systems! They ensure safe and reliable operation, enable movement in all directions, and withstand even the most extreme loads. Thanks to their flexibility and durability, they are a key part of clever, sustainable onshore power solutions ...

... for cruise and container ships

Onshore power systems are a game changer for cruise ships! Reduced emissions and noise mean a clean environment and more relaxed ports.

... for port operators

Port operators benefit from onshore power! A reduced environmental impact, decreased costs and a more attractive port – and all with a stable energy supply that can be adapted flexibly to the moorings. Simply clever!

... for residents and cities

Onshore power makes port cities cooler! Reduced emissions, less noise – this means improved air quality, more peace and quiet, and real progress when it comes to the environment. Sustainability made easy!

Simple and clever with our service team!



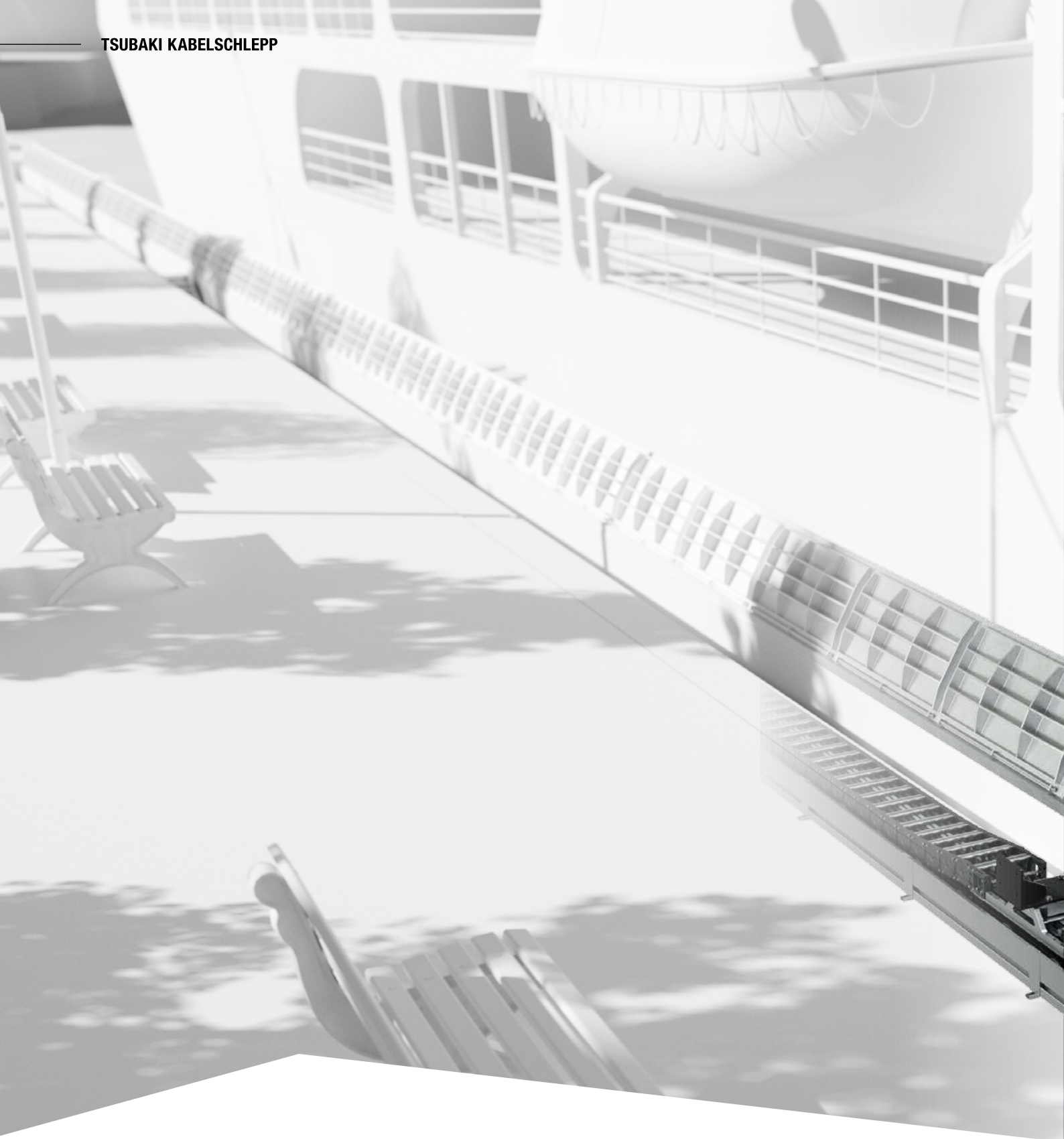
Let us take care of planning and implementing your onshore power system! We look after everything so you can get started with peace of mind.

- » Assembly, including guide channel and substructure
- » Installation of the cable carrier systems for telescopic and rotating applications
- » High-precision work in difficult conditions
- » Fast commissioning and maintenance

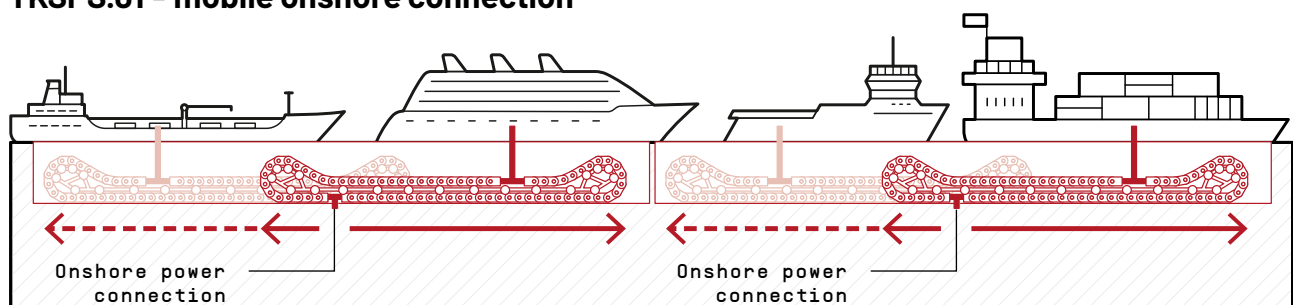
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TKSPS.01 - mobile onshore connection



SHORE POWER SYSTEM I

The TSUBAKI KABELSCHLEPP Shore Power System I (TKSPS.01) is perfect for the onshore power supply of cruise ships at port. The most important benefits are as follows:

Range of up to 500 meters

Ideal for new terminals – the system can cover up to 500 meters and thus ensures a reliable power supply.

Space-saving installation

Can be integrated in the quay, which saves space and protects the data and power cables.

For high loads

Thanks to integrated strain relief, the cables also remain stable when under heavy load.

Real-time monitoring

A condition monitoring system constantly analyzes the push and pull forces and helps to recognize problems in good time.

Robust and durable

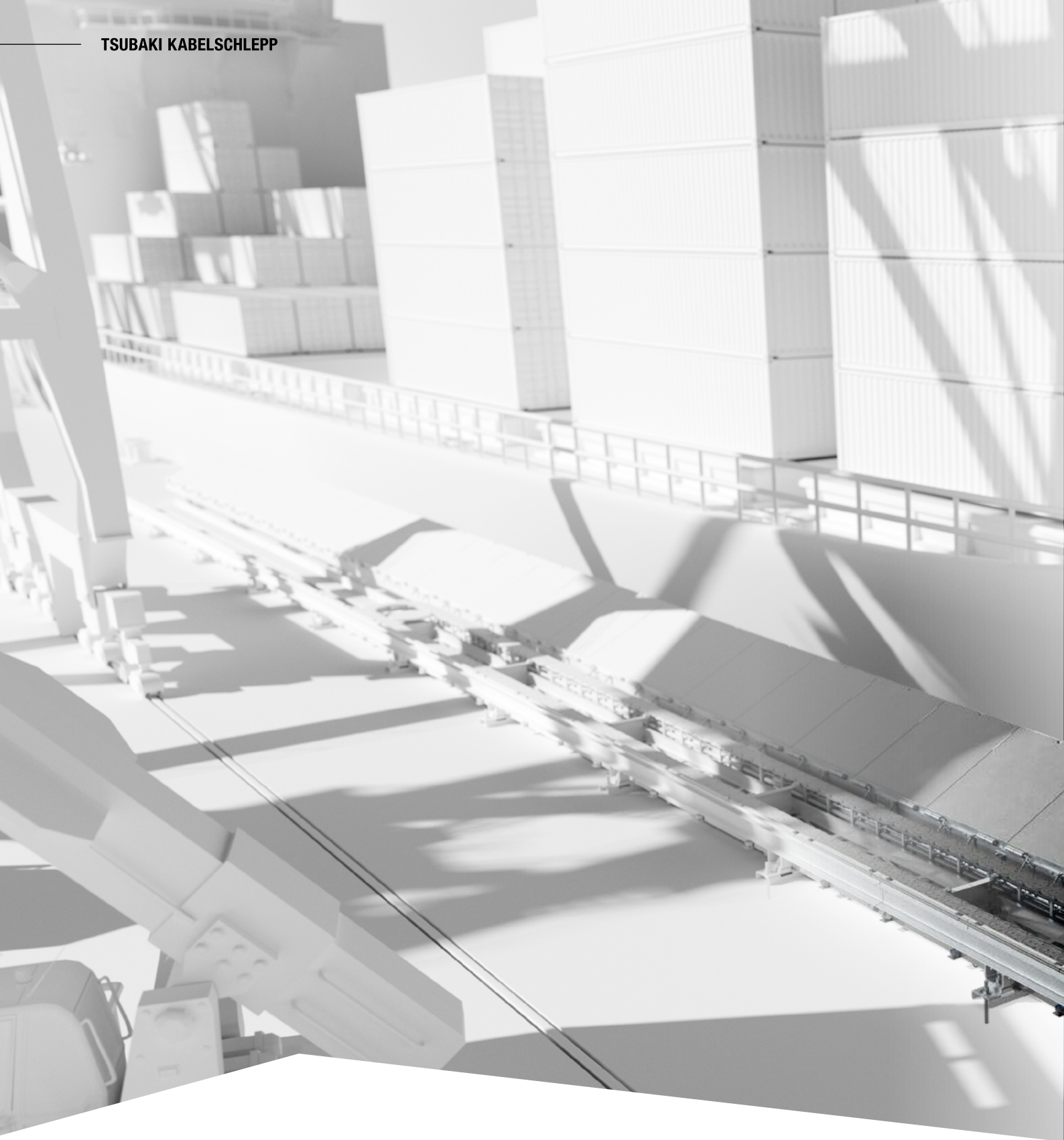
Thanks to Class C5-M corrosion protection, the system can cope with tough maritime conditions.

Maintenance-free and simple cleaning in flooding

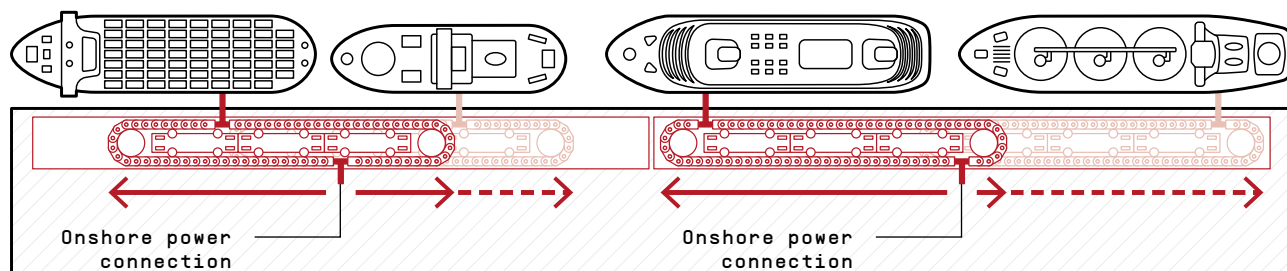
The system requires no maintenance and can be cleaned easily in the event of flooding.

In short: The TKSPS.01 is a clever, durable, maintenance-free solution for anyone needing a reliable onshore power supply





TKSPS.02 - mobile onshore connection



SHORE POWER SYSTEM II

The TKSPS.02 is an outstanding solution for cable management in onshore power systems used for supplying container ships at port with power. This system is particularly suitable for retrofitting in existing terminals.

Rolling travel length of up to 400 meters

The TKSPS.02 enables smooth movement of cables at travel lengths of up to 400 meters.

Space-saving installation with undercarriage

The system features compact installation and is ideal for existing terminals.

Brownfield installation on quay edge

Specially designed for installation on the quay edge in order to supply container ships with energy directly at the mooring.

High additional loads and integrated strain relief

Developed for high additional loads, with integrated strain relief for safe cable guidance.

Condition monitoring system for operational reliability

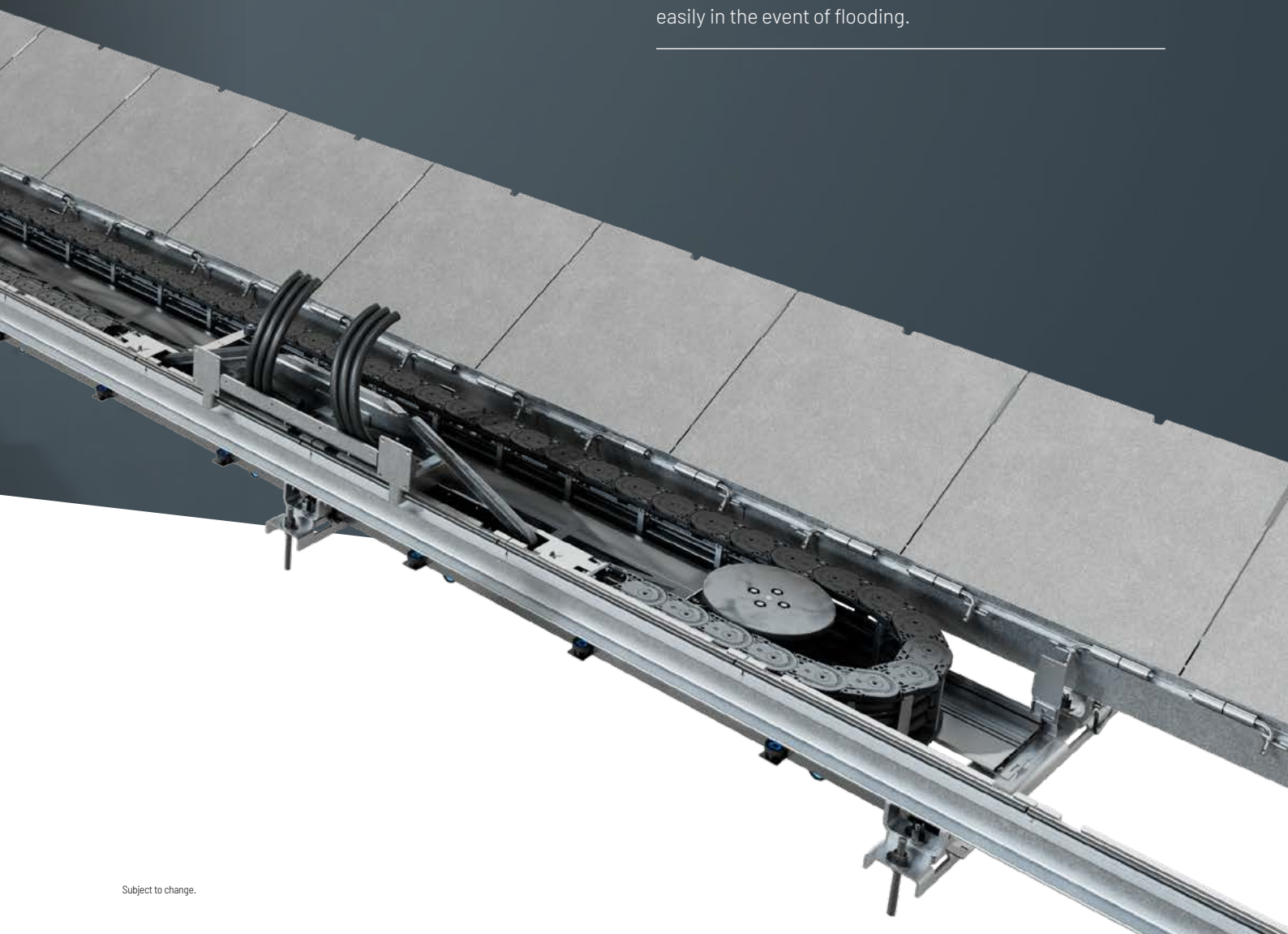
An integrated system constantly monitors the push and pull forces on the cables.

Resistant to corrosion

The Class C5-M corrosion protection has been specially developed for maritime conditions.

Maintenance-free

The system is maintenance-free and can be cleaned easily in the event of flooding.



CONTACT

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The complete product range under:
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