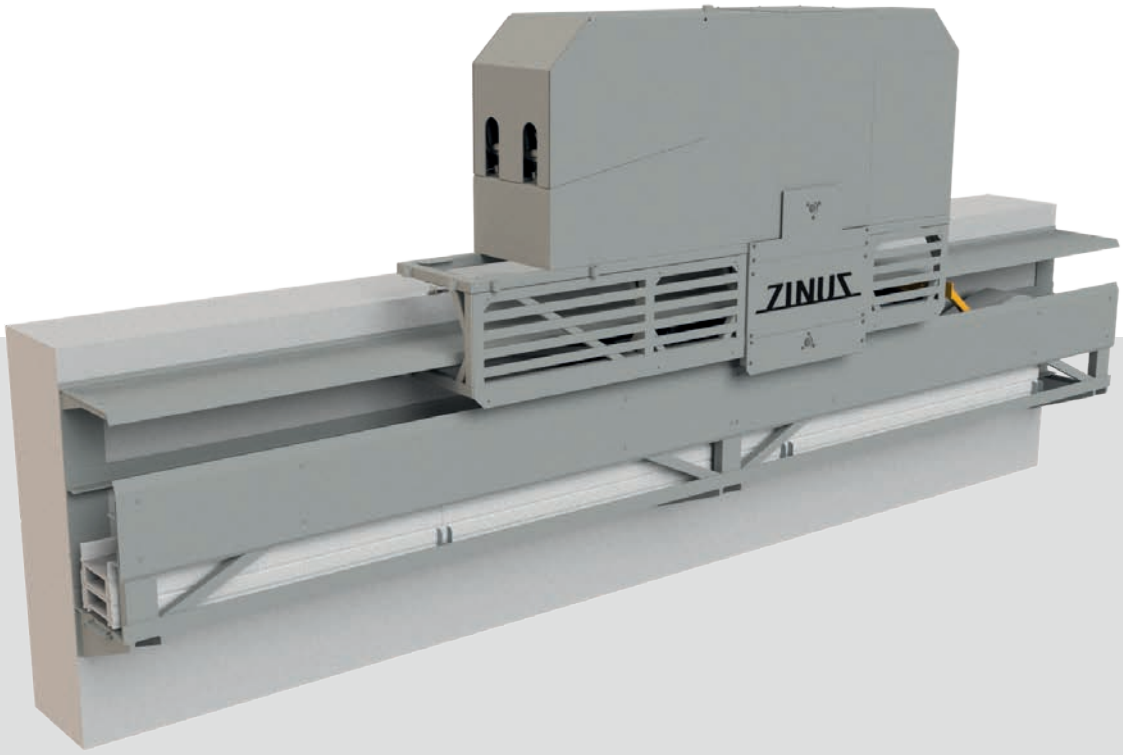
Product sheet

Rail Mounted Cable Management System

ZICS12



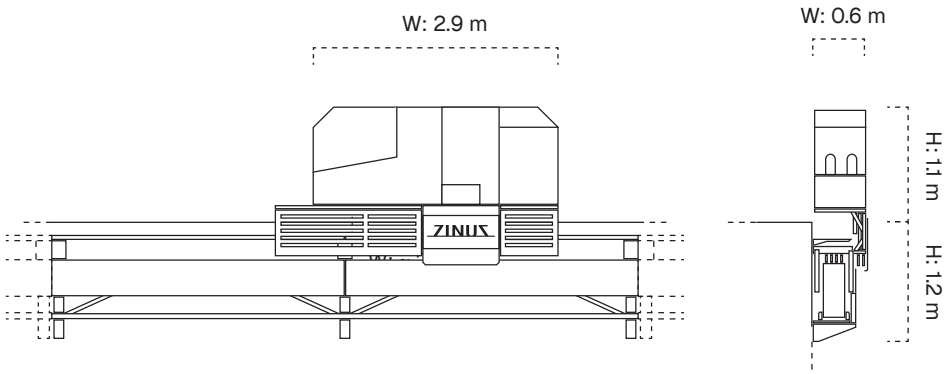
The ZICS12 is a rail-mounted cable management system designed for high-voltage shore power connections at container terminals. Operating on a dedicated rail system along the quay, it delivers reliable and efficient cable handling while minimizing interference with port operations. Its compact, fully electric design ensures dependable performance in harsh marine environments with minimal maintenance requirements.

Product features

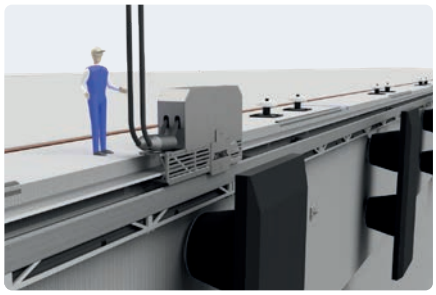
- Rail-mounted cable management system
- Fully electric operation
- Remote and manual operation
- Compact design with minimal quay interference
- Designed for harsh marine environments
- Adjustable rail length to suit quay requirements
- PLC-based control system

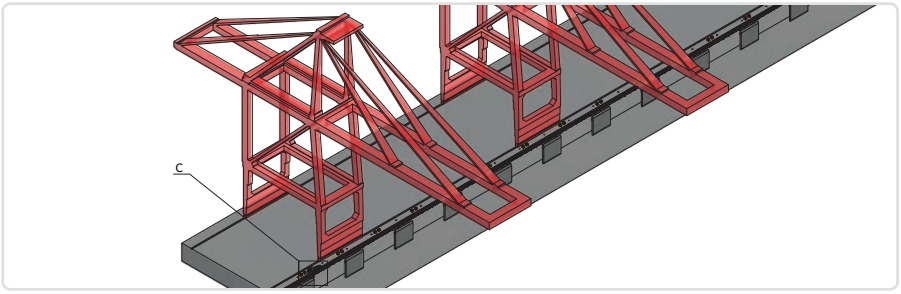
Options

- Modbus TCP interface
- Apparent power up to 8 MVA / (350A)
- Arctic version
- Extended operational range
- Remote steering from control room
- HMI Control panel
- Sea water level sensor
- Dual-direction camera system
- Fendering or Bumpers solution
- Custom colors and logo



±5%





Technical information

Operation length
Up to 400 m (longer on request)

Operating temperature range
–15°C to +40°C

Ingress protection
IP56 minimum
(IP66 control cabinet)

Corrosion protection
ISO 12944-2:2017 C5-Very High

Electrical features

Voltage
6.6 kV, 50/60 Hz

Power capacity
7.5 MVA

Power cables
Two high-voltage power cables

Control supply
3 × 400 V AC + N / 32 A

Compliance with

IEC/IEEE 80005-1
High Voltage Shore Connection (HVSC)

IEC/IEEE 80005-2
Data Communication for
Shore Connection Systems

2006/42/EC
Machinery Directive

2014/35/EU
Low Voltage Directive

2014/30/EU
EMC Directive

Disclaimer: specifications are subject to change without notice.

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