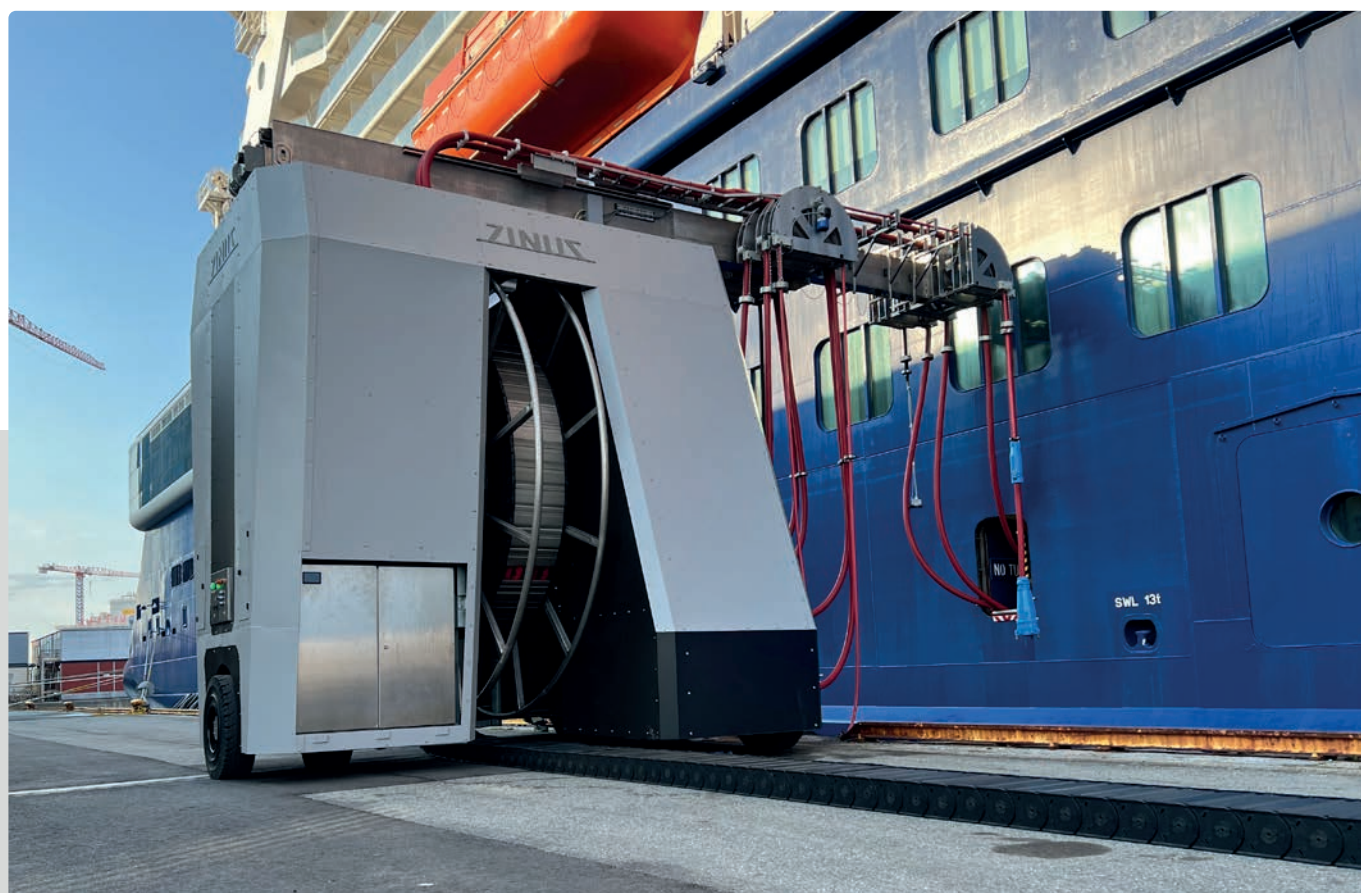


High-Capacity Cruise OPS

CRU500



The CRU500 is a high-capacity cable management system for cruise shore power connection. It streamlines the docking process and maximizes the vessel's connected time while in port.

Fully electric with no hydraulics, and built with an enclosed structure that shields every moving part from the marine environment. Four power cables run in a protective cable chain, and the telescopic boom reaches up to 6 m.

Product features

- Battery operation of all functions for up to 1 hour
- Fully electric system with no hydraulics
- Telescopic boom with up to 6 m reach
- Four operation modes: driving, reeling, boom and serving
- Four power cables in a protective cable chain
- Radio remote control with cabled pendant backup
- Boom collision and tension overload protection
- Enclosed design protecting all moving parts

Options

- Modbus TCP interface
- Tidal sensor
- Extended main power cable length
- Signal cable jumper
- Heating element for arctic conditions
- Boom rotation (± 2 m at full extension)
- Plug management crib
- Custom colors
- Customer logo



Technical information

Dimensions (parked)

H 5.6 m · L 5.0 m · W 5.7 m

Cable length

Shoreside: 50 m + 4 m flying leads

Shipside: 15 m

Boom reach

Up to 6 m (tilt 2.3–5 m)

Operating temperature range

–15°C to +45°C

Ingress protection

IP56 minimum

Weight

16 000 kg

Electrical features

Nominal voltage

6.6 / 11 kV

Apparent power

16 MVA @ 11 kV

9.7 MVA @ 6.6 kV

Maximum current

850 A

Power cables

4 × (3×95 + 1×95 mm²)

Auxiliary supply

3 × 400 V + N / 32 A

Signal systems

110 VDC, 24 VDC, SCADA

Compliance with

2006/42/EC

Machinery Directive

2014/35/EU

Low Voltage Directive

2014/30/EU

EMC Directive

IEC/IEEE 80005-1 & 80005-2

Shore connection systems

Disclaimer: specifications are subject to change without notice.