

## NextGen Cruise OPS with Energy Chain

### CRU230E



The CRU230E is an advanced cable management system designed for cruise ship shore power connections. It streamlines docking operations by maximizing vessel connection time while ensuring safe and efficient cable handling.

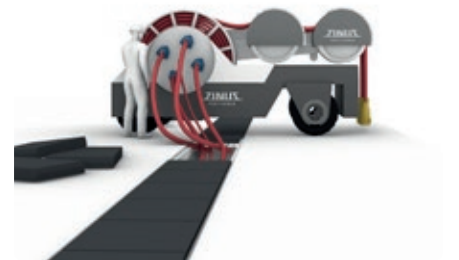
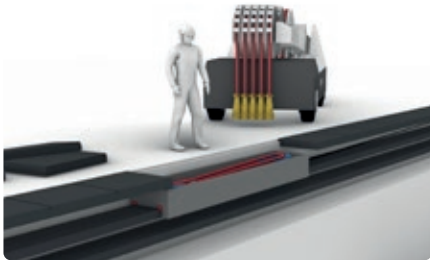
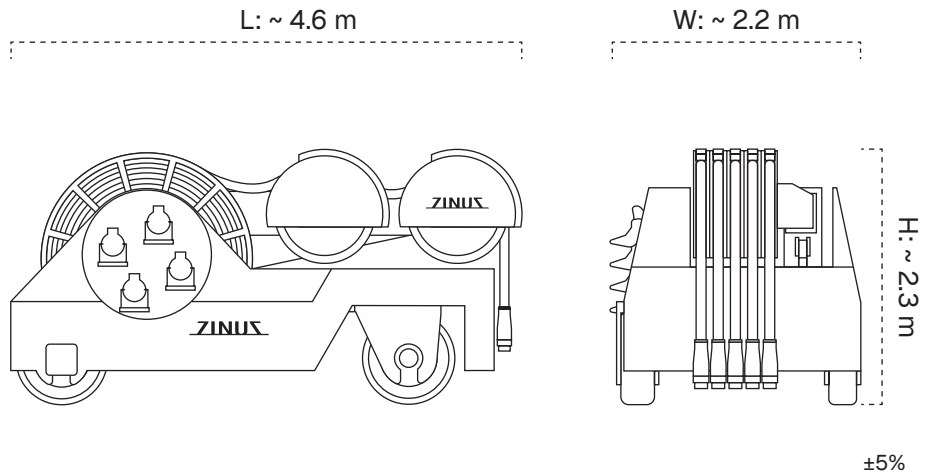
With a compact design and seawater-resistant materials, the system is built for reliable operation in harsh marine environments. The CRU230E is specifically designed to operate in combination with the ZPC120 energy chain, enabling flexible and efficient cable routing.

#### Product features

- Compact design, minimal quay footprint (~10 m<sup>2</sup>)
- No Slipping, reduced maintenance
- High manoeuvrability with a turning radius of 3.6 m
- Telescopic boom with up to 7 m reach and 9 m height
- Tidal compensation
- Robust, non-corrosive construction using recyclable materials

## Options

- Modbus Interface
- Towable model
- Shiplside cable length
- Custom color & branding



## Technical information

### Cable length

Shiplside: 15 m (serving length)

### Operating temperature range

-25°C to +45°C

### Ingress protection

IP56 minimum

### Weight

Approx 8 t

## Electrical features

### Nominal voltage

6.6 / 11 kV

### Apparent power

up to 20 MVA

### Auxiliary power

21/27 kW, 3-phase 380-480V AC

## 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

### ISO 12100

Safety of machinery

### EN 61800

Electrical drive systems

### EN 61000

EMC requirements

Disclaimer: specifications are subject to change without notice.