Product sheet

# RoRo Shore Power Tower

# SPP800 / SPP800T

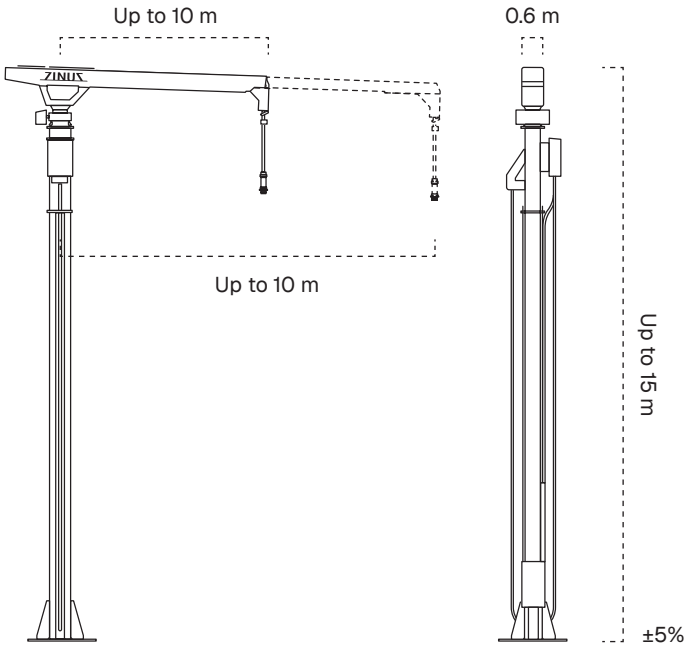
The SPP800 is an innovative cable handling system designed for high-voltage shore power connections to vessels. Its space-efficient design and flexible boom operation ensure reliable and efficient cable management in demanding port environments. Built for harsh marine conditions, the system provides safe, fully electric operation without the need for hydraulics.

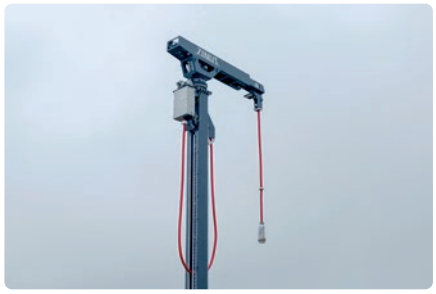
## Product features

- Fully electric system
- Modular design adaptable to customer requirements
- Rotating boom with cable reeling
- Remote radio control operation
- Integrated safety system with limit switches and automatic shutdown
- Designed for harsh marine environments (C5-M)
- Compact design for minimal quay footprint

## Options

- Power cable configurations up to 3 × 185 mm²
- Modular tower dimensions
- Fixed or telescopic boom configuration
- Automatic tidal compensation
- MODBUS communication interface
- Extended operating temperature range (-30°C to +45°C)
- Extended rotation up to 180°
- Optional C5-VH coating system
- Custom colors available
- Other heights and reach on request




## Technical information

**HV power cable**
3 × 120 mm²

**Cable length**
Configurable according to project requirements

**Operating temperature range**
–20°C to +45°C

**Rotation**
0–135°

**Ingress protection**
Minimum IP56

**Weight**
Fixed boom: 3200–6800 kg
Telescopic boom: 3800–7200 kg
(depending on configuration)

## Electrical features

**Voltage**
6.6/11 kV AC, 50/60 Hz

**Control supply**
3 x 400 V AC + N, 20 A

**Apparent power**
Up to 6.5 MVA

## Compliance with

**IEC/IEEE 80005-1**
High voltage shore connection systems

**IEC/IEEE 80005-2**
Data communication for monitoring and control

**ISO 12100**
Safety of machinery

**EN 61800-3**
EMC requirements

**EN 61000-6-2 / EN 61000-6-4**
EMC immunity and emission standards

Disclaimer: specifications are subject to change without notice.