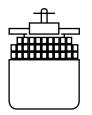




#### **Global Shore Power**

We help reduce the carbon footprint of all vessels and their respective power demands worldwide. With more than 80 years of experience in the ports and maritime sector, STEMMANN-TECHNIK is uniquely positioned to provide superior energy and data transfer solutions to ports, terminal operators and ship owners on a global scale.

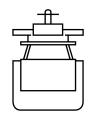
With a the broadest range of delivered projects in our industry, we are the supplier of choice and according to IEC 80005.



**Container Vessels** 



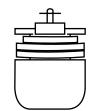
Cable Reel Mobile Socket



Ferry



Cable Crane



Cruise Liner



Mobile Carrier System



Offshore vessels, RoRo



Cable Reel

# Electrical power supply for vessels: For all ship types at berth to reduce exhausts, vibration and noise.







#### Cable Reel for Container Vessels

On-board system for high- or low voltage

- Safe and swift handling by means of telescopic roller track
- Fully automated tidal range compensation
- Power transfer up to 7,5 MVA, up to 6.6kV, 50/60Hz
- Adaption to any port situation world-wide
- Individual cable handling for LV version

Reduction of more than 100 tons of CO<sub>2</sub> while at berth

## Mobile Carrier System

Self-propelled and towed version

- Fast vehicle handling by single operator
- Zero emission propulsion (when self-propelled)
- Safe and swift handling by means of telescopic arm above and below quay level
- Fully automated tidal range compensation
- Power transfer up to 20 MVA at 6.6kV/11 kV, 50/60Hz

Only one person to operate the vehicle

### Cable Crane

Solution for low and high voltage

- Operation by single operator
- · Safe and swift handling by means of arm
- Fully automated tidal range compensation
- Power transfer up to 6,5 MVA, up to 11kV, 50/60Hz
  Individual cable handling for LV version

Fully operational under all weather conditions and grease

# Cable Reel on top of quay

Low- and high voltage power supply under toughest conditions

- Individual cable handling for LV version
- Power transfer up to 11 kV, 50/60Hz
- Usually mono- up to triple-spiral reels available
- ATEX versions available on request
- Movable and fixed version
- Flexible cable output up 45°
- Longest cable lifetime in the industry

Interested? Find out more on www.wabtec.com or call us at +49 592381 0

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