Motorised reels

Cavotec motorised cable reels are a reliable, low-maintenance solution that reduces carbon and particulate emissions and provides an automated connection to remote power sources. With a combination of power, control and fibre optic communication within the cable, our reels enable the safe and efficient operation of mobile equipment.

Choose Cavotec equipment for:

STS Crane Reels and Panzerbelt™ Cable Protection

RMG and RTG Yard Crane Reels

Yard Crane Connection Points

Proud partner of:

APM TERMINALS Lifting Global Trade

DP WORLD

KONECRANES

MITSUI E&S

PSA The World's Port of Call

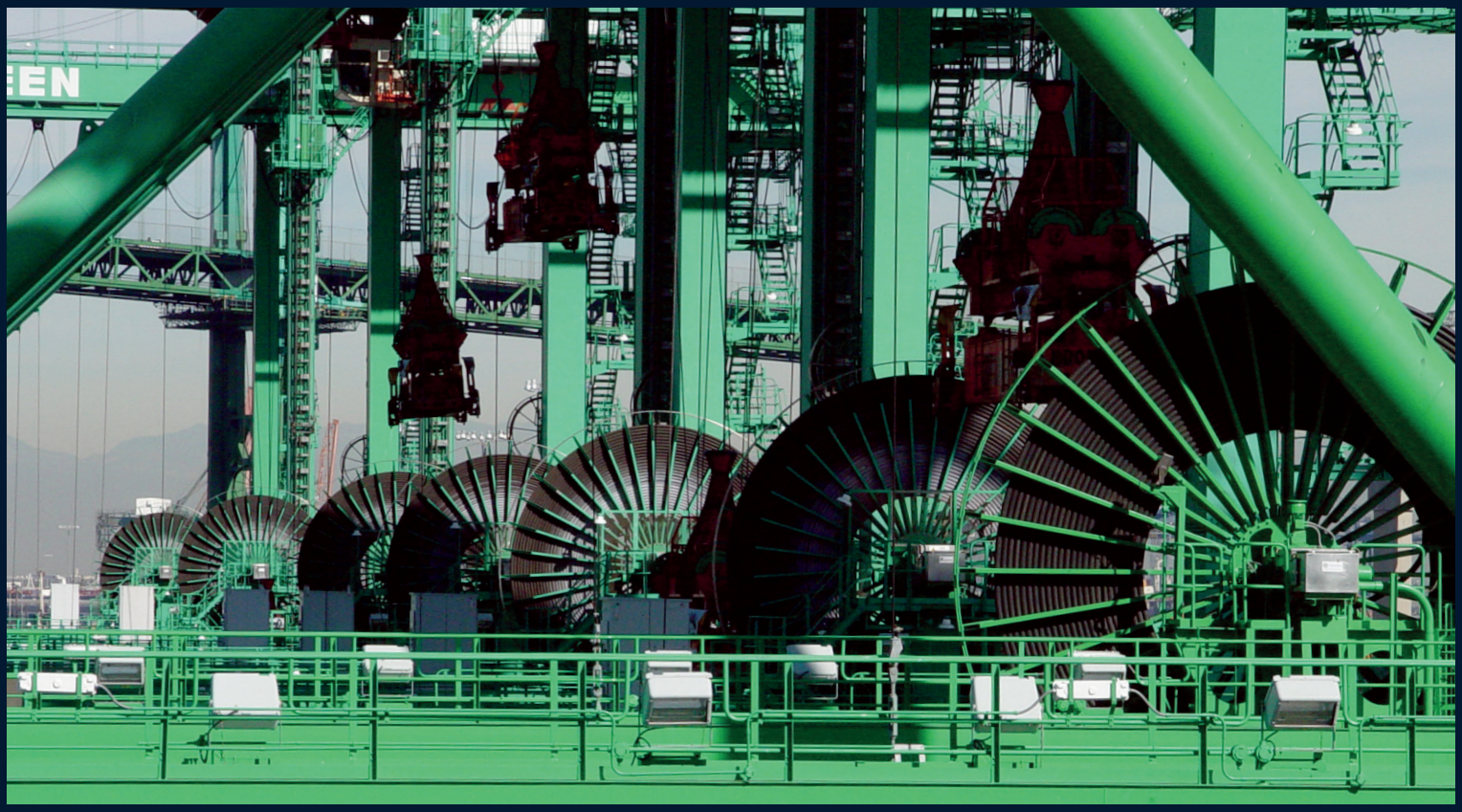
SANY

ZPMC

Learn more at cavotec.com @ *Contact a Cavotec expert*

Cavotec is a leading cleantech company that designs and delivers connection and electrification solutions to enable the decarbonization of ports and industrial applications.

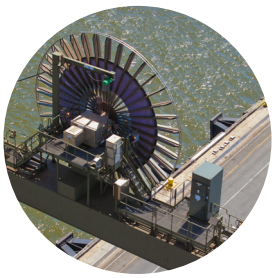
CAVOTEC
We connect the future.



Maximising cable service life helps maximise operational efficiency. Cavotec reels offer industry-leading designs that have been proven in the harshest environments.

STS Gantry Reels

- Reeling length up to 750 metres
- Regulation of cable tension in demanding high-lift applications
- Crane supply voltage up to 20kV
- Designed to meet crane service life



STS Spreader Reels

- High speed cable reels, proven reliability in spreader operations up to 200 m/min
- Optional fiber optic connection to spreader communications
- Spreader bollard damper device for cable tension control at head block
- Monospiral or wide spiral wind drum

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We work closely with customers to provide solutions that meet the demands of specific applications. With simple integration and optimised performance, our motorised cable reels connect mobile equipment to electrical power safely and efficiently.

(A)RMG and ASC Reels

- High-speed cable reels, proven reliability in operations up to 300 m/min
- Crane supply voltage up to 15kV
- High bandwidth fibre optic connection for remote supervision, crane operation and yard automation
- Advanced torque control algorithm to assure maximum cable life in highly dynamic reeling applications

E-RTG Reels

- Standard range of E-RTG cable reel solutions for 400V up to 7.2kV or higher
- Cable lengths up to 500 meters depending on system voltage
- Retrofits of existing diesel-powered cranes
- Proven electrification solution with zero local emissions

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CAVOTEC®
We connect the future.

Power container yard operations with our automated or manual plug-in connection systems for E-RTG cranes.

Automatic Plug-in System (APS)

- APS connection for safe and fast yard crane connection up to 400 A @ 400V, 1kV, 7.2kV
- Crane connection initiated by crane operator, no other yard personnel required
- High bandwidth fibre optic connection for remote supervision, crane operation and yard automation

Manual Connection Equipment

- Manual plug-in power units up to 400 A @ 400V, 1kV, 7.2kV
- Power unit configurations for one to four outlets standard. Options include fibre optic communications, main circuit breaker, disconnect, ground fault monitoring
- Range of above and below grade cable anchor solutions

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