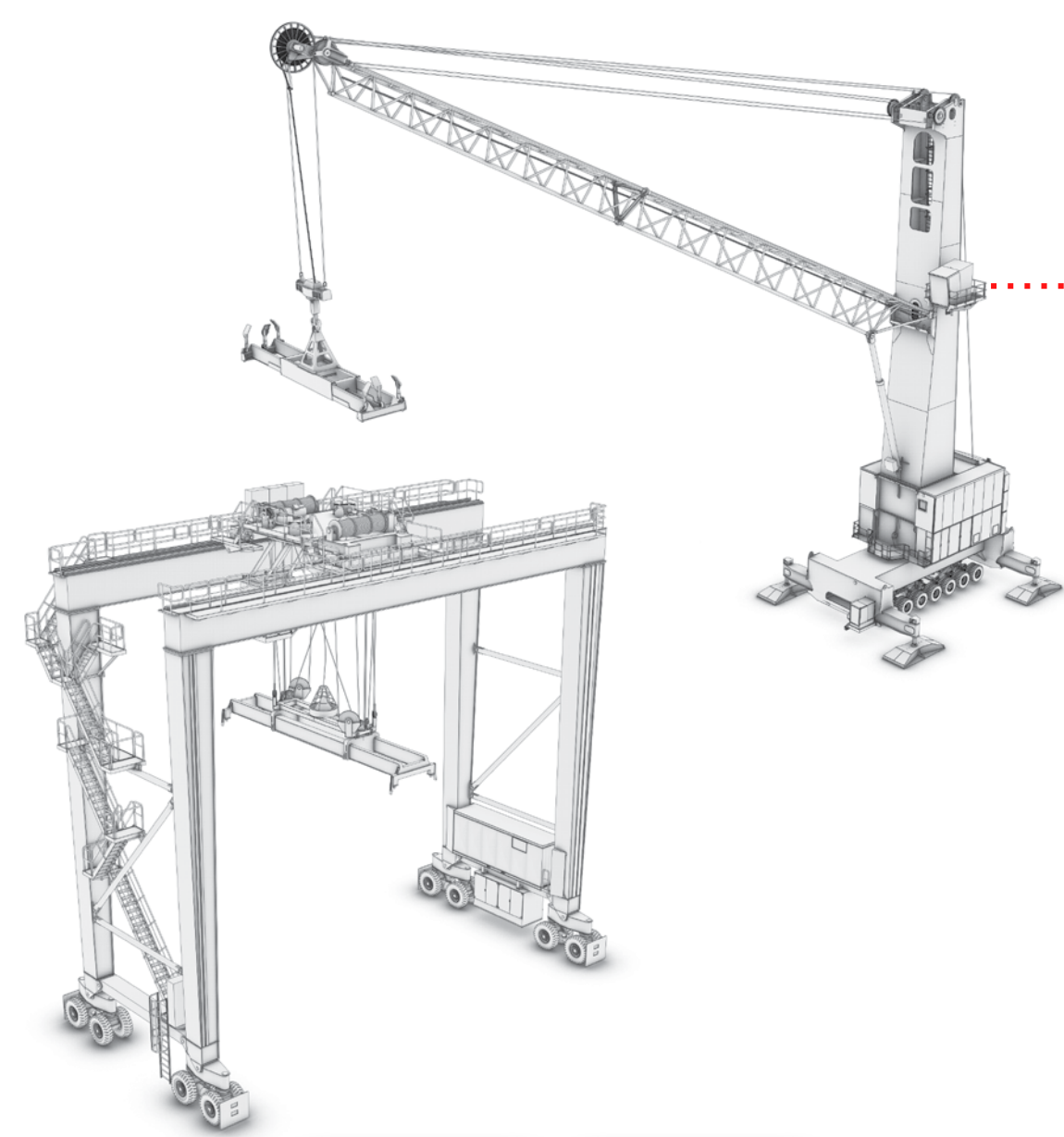
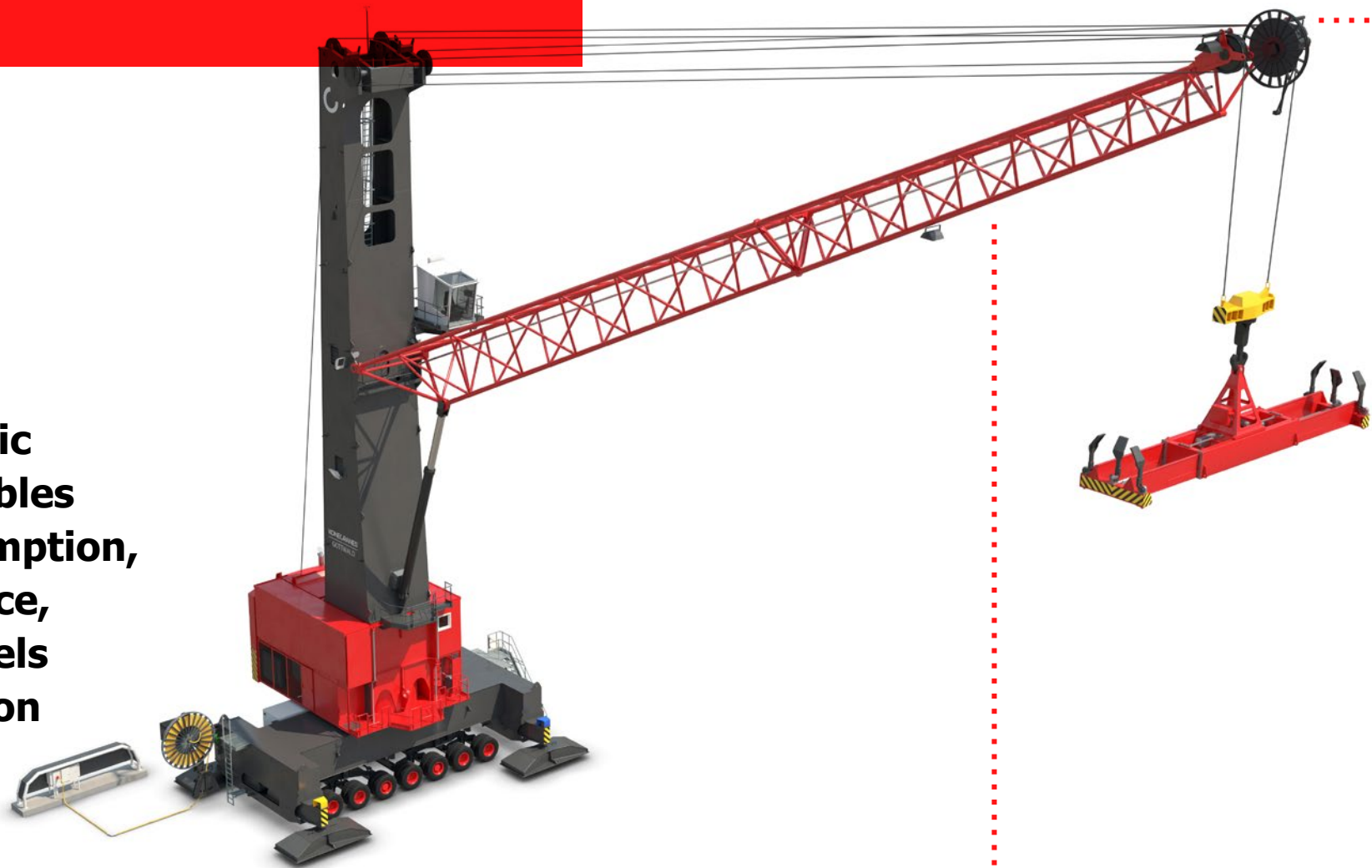


ECOLIFTING RETROFITS

Cable Reel

This fully electric conversion enables less fuel consumption, less maintenance, lower noise levels and fewer carbon emissions.



EQUIPMENT

This technology can be applied to any port crane with a diesel genset including **any other crane brand**.

Equipment should be PLC controlled with PROFINET bus link.

AB

Any Brand

RTG

Rubber-Tyred Gantry

MHC

Mobile Harbour Crane

BENEFITS

- Converts crane to 100% electric supply
- Eliminates the need for refuelling and maintenance of diesel engines
- Reduced annual running costs
- Fewer emissions and less noise.

HOW IT WORKS

- The crane is equipped with a motorized cable reel and a transformer to feed electricity to the crane from the port mains
- The power is fed to the crane through a flexible cable that coils automatically on/off a reel body on the crane while travelling
- Reeling cable is stored alongside container stacking area and ends in either an end or centre feeding point pit station with appropriate plug/socket connection to the port's mains
- It can be supplied in either Medium Voltage power or Low Voltage power.

WHAT YOU NEED TO KNOW

- Auto-Steering feature is mandatory for RTGs - to operate on virtual track alongside reeling cable tray on ground level
- Customer is responsible for all site related civil works, infrastructure works and site related equipment, such as yard power supply and distribution system.
- Customer is required to provide either LV (1000V) or HV (up to max 12kV) supplying voltage on a yard junction box with plug connection
- Konecranes will assist in providing the necessary information for our customers to complete these tasks
- Customer needs to ensure prompt availability and safe work location.




SELECTED REFERENCES



Year	Customer/Location	Quantity
2020	CTSP / St Petersburg	2
2018/19	PTP / Tanjung Priok	20
2019	PLK / Koper	5
2019	DPW / Yarimca	6
2018	GPA / Savannah	3
2016	DCT / Gdansk	15



Konecranes is a world-leading group of Lifting Businesses™, serving a broad range of customers, including manufacturing and process industries, shipyards, ports and terminals. Konecranes provides productivity enhancing solutions as well as services for lifting equipment of all makes. The Group has more than 16,000 employees at 600 locations in 50 countries. Konecranes shares are listed on the Nasdaq Helsinki (symbol: KCR).

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