



Reel power: Cavotec motorised cable reels on the ZPMC cranes at PTP in Malaysia.

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Cavotec reels power record-breaking STS cranes

Cavotec engineers have once again manufactured cable reels that set new standards in operational performance with reels that provide electrical power for ship-to-shore (STS) container cranes that boast the highest lifting distance of any STS cranes anywhere in the world today.

The cranes, now installed at the [Port of Tanjung Pelepas](#) (PTP) in Malaysia, are also the second tallest STS cranes currently in service; the tallest, made by Chinese crane manufacturer ZPMC for DP World, are in Dubai.

For this application, Cavotec has supplied eight electrical power reels with drums measuring 6.4m, and eight spreader reels with a maximum lifting distance of 73.5m. This equipment will enable PTP's container terminal to optimise container handling in terms of productivity, safety and environmental performance.

Recently, [Cavotec built one of the world's largest mono-spiral motorised cable reels](#), with a drum diameter of 9.2m, for ZPMC for several STS cranes installed in ports in Asia and Europe.

Learn more about how our latest innovations are optimising crane electrification [here](#).

Cavotec is a leading engineering company with 50 years of heritage in innovation, designing and delivering advanced connection and electrification solutions that drive the decarbonisation of ports and industrial applications. With five decades of experience, our systems ensure safe, efficient, and sustainable operations for a diverse range of customers and applications worldwide.

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