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Electrification, automation drive port and ship projects

Last week [we announced a series of projects](#) with ports and shipping lines involving our innovative electrical supply and automated mooring systems.

The largest of these project is for eight [MoorMaster™ automated mooring units](#) for the [Omani port of Salalah](#), which has already been using MoorMaster™ at a number of different berths for several years.

MoorMaster™ is a vacuum-based automated mooring technology that eliminates the need for conventional mooring lines. Remote controlled

vacuum pads recessed in, or mounted on the quayside or pontoons, moor and release vessels in seconds.

MoorMaster™ has completed more than 100,000 mooring operations to date at Ro/Ro, container and bulk handling and lock applications worldwide.

Click on the link below, and you'll see MoorMaster™ in action at the [St. Lawrence Seaway in Canada](#).

We're also encouraged to see a number of orders for one of our latest innovations: our Automatic Plug-in System (APS). APS automates the electrical power and communication connection of cranes, ships and other mobile equipment to the power grid, thereby expanding the use of mobile electrical equipment. The system delivers cost savings, environmental benefits and improved safety standards.

At [DP World's](#) major development at the Port of Yarimca in Turkey, we're set to supply APS equipment that will provide electrical power and communication connection for Electric Rubber Tyred Gantry (ERTG) cranes. And in another project at the same port, we're supplying Konecranes with APS equipment that will be installed on 18 ERTG. And for one of the largest container terminals in Portugal, we're supplying APS for 11 ERTG.

And for a new container terminal in Surabaya, Indonesia and in Melbourne, Australia, we're supplying a total of 22 cable reeling systems for Automated Stacking Cranes.

Elsewhere, for a major European shipping line, we've won a substantial order to supply [Alternative Maritime Power \(AMP\)](#) reel systems for nine new-build container ships. We've also been awarded a similar order for AMP equipment that will be installed on five container vessels for a Chinese container line. Our AMP systems reduce vessel emissions in port thereby helping to improve air quality in surrounding communities.

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

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