



ALL-ELECTRIC CRANES LIFT PORT OF PHILADELPHIA

In 2021, the Port of Philadelphia completed a \$830 million expansion project expected to boost on-site jobs, shipping capacity, and state revenue. In addition to deepening the port's main channel on the Delaware River, the redevelopment includes a major electric-powered highlight: five all-electric super post-Panamax cranes. The new cranes replace existing diesel-powered cranes and provide a perfect example of how transportation electrification reaches far beyond traditional automobiles. The medium- and heavy-duty industrial process equipment will help to reduce emissions and provide cleaner air for the surrounding area.

BY THE NUMBERS

- **5** electric super post-Panamax cranes
- **17,000** full-time employees
- **\$18.9M** in annual revenue

COMMUNITY IMPACT

Total annual revenue generated as a result of the expansion is expected to triple, jumping from \$5.7 million a year to \$18.9 million. To top it off, state and local tax revenue from the PhilaPort redevelopment will increase from \$68.6 million a year to roughly \$109 million following project completion.

The five all-electric cranes were installed at the Packer Avenue Marine Terminal (PAMT) to facilitate the loading and unloading of containers onto PAMT barges, with the redevelopment project expected to nearly double the terminal's existing shipping capacity to 1.2 million TEUs, as measured by total number of containers moved, cars transported, and forest products loaded and unloaded onto ships that enter the terminal.

The port's redevelopment project is expected to facilitate a 65% increase in the number of permanent jobs at the site, jumping from 10,000 to roughly 17,000 full-time employees. The project also worked with the U.S Army Corps of Engineers for its Delaware River channel deepening work.

SUPPORT MORE PROJECTS LIKE THESE

Supporting domestic manufacturing of goods that can be exported through incentives like the 48C tax credit and reducing local air pollution by electrifying heavy equipment can bring more projects like this to Pennsylvania.