



Photo: Flinders Adelaide Container Terminal

New \$24m ship-to-shore box cranes for Adelaide

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Flinders Adelaide Container Terminal has now put two new ship-to-shore container cranes into action following a launch-ceremony last week.

The two new cranes were manufactured by Liebherr Container Cranes in Ireland and then shipped to Port Adelaide.

They cost \$24m and, weighing in at 950 tonnes each, have been under commissioning since February to prepare them for active service.

Flinders Adelaide Container Terminal, the container division of Flinders Port Holdings, has been working on the commissioning with Liebherr and interstate engineering specialist, Inver Engineering.

The cranes were assembled at a special site adjacent to the terminal to avoid disruption to normal operations.

Each crane has a maximum lifting capacity of 80 tonnes and can lift multiple containers simultaneously.

They boast a range of safety and efficiency features including an 'intelligent slow-down' mode for lifting and lowering containers and a central monitoring and diagnostic system for maintenance.

"We are doing the preliminary work now that will see our capacity lifted to 2.5m containers per year – six times the current volume," said Flinders Port Holdings CEO Vincent Tremaine.

"We expect to make significant productivity gains because these new cranes are extremely efficient. Vessel turn-around times will be up to 25% faster," said Mr Tremaine.

The new cranes are being supported by Flinders Adelaide Container Terminal's new crane simulator training centre, which opened at the outer harbor in March this year.

Flinders Adelaide Container Terminal has operated since July 2012 when Flinders Port Holdings gained 100% ownership of the facility from DP World South Australia.

In 2014, the terminal which is located in the outer harbor handled around 380,000 teu, including overstows and empty boxes and stevedored 329 container ships.