

CRS delivers new model Rotainer to Canadian stevedore

Container Rotation Systems (CRS), based in Sydney, delivered the first of a new design of rotator, called the Eurospec, to Canadian stevedore and terminal manager, QSL, in 2018.



The new machine will handle alumina at a QSL facility in Quebec, a location prone to freezing winter conditions. As a result, CRS' managing director, Murray Bridle, told ABHR that the Eurospec is a fully sealed unit.

"It's a single beam machine," he explained. "Everything is inside and fully sealed. The machine was designed for the North American and European markets where they have snow and ice. The machine was tested in minus 16-degree conditions. Its design parameter is from minus 20 to plus 60."

The Eurospec's design followed CRS' close study of the European container rotating market for mineral concentrates. "Europe is a 32-tonne market with half height containers, so I had to design a completely new

machine for that region," explained Murray.

Eurospec, thus, has a working load limit of 32 tonnes compared to the 38 tonnes of CRS' heavy duty Rotainer RS machine. It can be optioned up to 50t WLL. In addition to being about 30% lighter than the Rotainer, the Eurospec is, in some ways, simpler.

"We've reduced our moving components by 80%," said Murray. The new machine is also efficient. "We had to go to Tier 4 engines because the Canadians are the first in the world to adopt updated emission specifications for small diesels. It makes everything else on the market obsolete."

CRS' Canadian delivery follows its supply of rotators and tippers to, at various times, Australia, Eritrea, Chile, Taiwan and Russia.

ABOVE: CRS' Eurospec container rotator being readied for dispatch to QSL in Canada.

OPPOSITE PAGE: The Eurospec in situ in Canada where it will face temperatures of up to -20C.

In the local market, the company will in coming months announce details of supply of a system to the civil construction sector, where it will handle contaminated waste in an underground environment. Murray expects to see more of this sort of thing.

“I see great potential in small spot markets where people want to rent a whole system for three or six months, especially in the construction sector,” he said.

In addition to the Eurospec, CRS is pushing its Tiltainer, a container tilting system for end-door discharge. “The patent applications have been lodged,” said Murray. “We can tip and discharge with normal containers over the hold of a ship. Because we are not rotating we can just use generic containers, we don’t need side wall strength.” **B**



CONTACT: www.containerrotationsystems.com



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