



Reach Stacker CBH Operations - Broome.



MHC CBH Operations with misting system.

Ticking all the right boxes

containerized bulk handling

Portside Solutions consults on reducing risk in bulk loading

Portside Solutions Pty Ltd has long provided consultancy services to leading bulk logistics companies, including Aurizon, Pacific National, and DPW Australia. The company's expertise has focused on re-engineering bulk operations to ensure risk-free, dust-free bulk loading processes for the future.

DUST-FREE BULK WITH AURIZON

Working with Aurizon, Australia's largest rail freight operator, Portside Solutions has provided advice with deployment of

advanced bulk handling systems in key northern ports, including Darwin, Townsville and Gladstone. These systems incorporate a rotating spreader, sealed open-top containers and misting technologies to suppress dust emissions, ensuring compliance with environmental regulations and enhancing worker safety.

Aurizon's bulk business provides integrated supply chain services, including rail and road transportation, port services, and material handling for mineral resources, industrial, and agricultural customers.

MATERIAL LOSS

Due to spillage and dust dispersion, traditional bulk loading methods often result in significant material loss. The containerized bulk handling (CBH) system from RAM Spreaders has minimized these losses, leading to increased product recovery and reduced environmental impact.

DPW ADELAIDE

The journey for RAM began at DP World

Adelaide, where it introduced its first dust-free bulk loading system. The success of this project demonstrated the feasibility and benefits, paving the way for the broader adoption of RAM Revolver CBH across the country.

TREND FOLLOWED IN BROOME AND ESPERANCE

RAM's Revolver CBH expanded operations to ports in Broome and Esperance following the initial success. By customizing the system to meet the specific needs of these locations, significant improvements were achieved in loading efficiency and environmental compliance. Reinforcing the adaptability of the RAM CBH solution.

"Risk reduction is a primary factor driving the growing adoption of the CBH system," states Ray, Managing Director at Portside Solutions Pty Ltd. "By sealing the product throughout transfer and transportation, and implementing a misting system during loading, we substantially reduce health hazards and environmental risks linked to bulk material handling."



RAM Revolver at DPW Adelaide.

