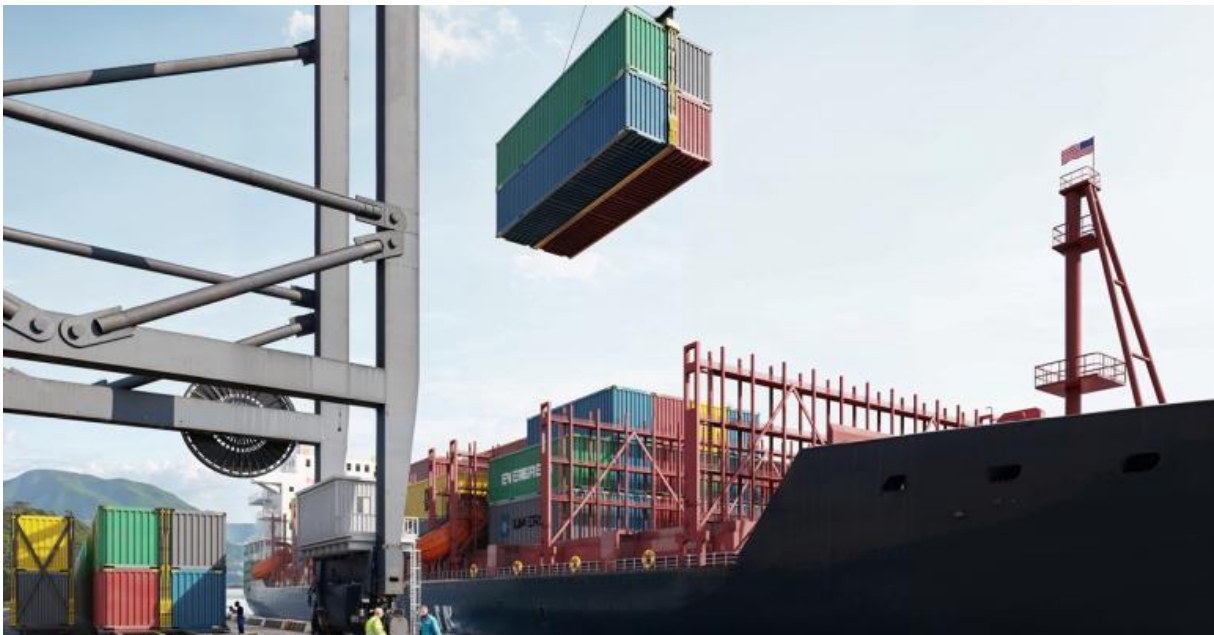


BidBird's box bundling tech takes flight



Artist Impression of BidBird multiple container handling system

Arizona-based construction marketplace, BidBird, has developed a multiple container handling system aimed at reducing costs and improving port efficiency.

Nick Savides | Jul 19, 2024

Described as an innovator in maritime logistics technology BidBird is in the process of stress testing its Monarch and Dragonfly system that will allow container terminals to lift either two or four fully loaded 20ft or 40ft boxes simultaneously, Dragonfly lifts two containers and Monarch four.

Monarch is the company's latest innovation to link four 40ft containers with the potential to significantly reduce container handling times, reduce costs and improve port efficiency, claims the company.

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BidBird President Trevor Pan believes Monarch will revolutionize maritime logistics by delivering unprecedented efficiencies and improved safety to maritime logistics.

"With patents pending, this innovative product is destined to become a cornerstone of modern shipping practices," said Pan.

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According to the company the Dragonfly and Monarch clips, which link containers together can reduce box handling times by 50 and 75% respectively.

However, another major factor that could persuade carriers to use the system is that with lashing bars used to bundle containers through the unit's corner posts, bundled container will increase the stability of a container stack reducing the risk of stack collapses during heavy weather.

"This stability not only ensures the safety of the cargo but also offers potential reductions in insurance premiums for shipping companies," claimed BidBird.

The Arizona company is initially offering spreader bars for use with quay or mobile cranes.

Moreover, BidBird advises that port operators can opt to modify gantry cranes to handle the increased weight and that ship cell guides will require minor modifications to accommodate this new system.