

MATERIALS HANDLING

flexible and extensible surge capacity

Efficient

Configurable

Scalable



Distribution facility: a rubber tyred gantry implements a 30,000t containerized surge capacity for bulk plastics at CRT (Australia), delivering high density, fast access and a low total cost per container handled.

Containers can provide cost effective, reconfigurable surge capacity that can be easily grown and ties in with your supply or distribution.

CRT used a single high-availability rubber tyred gantry (RTG) to maximize the capacity and performance of the storage yard at their Australian bulk plastics facility, using containers instead of silos to provide flexibility and scalability.

High density and fast access: RTGs, and to a lesser extent straddle carriers, can provide ultra-dense storage capacities combined with an excellent ability to order pick (retrieve any given container quickly with a minimal number of lifts), that is significantly better than forklifts and reach-stackers. CRT stored 30,000 tonnes (1000+ containers) in a 9,000 m² footprint with an average of 2.5 lifts to access any container.

Flexible and configurable surge capacity: capacity can be easily scaled up and down along with demand. Storage can be configured flexibly in 30t units.

Environmentally friendly with low operating costs: electric hydrostatic drives can be powered by clean sources of energy where available or by efficient onboard diesel electric generators. Low-weight application-engineered structures consume less fuel, for a straddle as little as 50% that of a forklift with correspondingly lower maintenance costs.

Integration: straddles and RTGs can be leveraged throughout your operation, managing surge capacity, handling supply and distribution logistics by rail and road, and tipping containers for filling and dumping.

Isoloader is a global provider of container and heavy load handling solutions, manufacturing straddle carriers and rubber tyred gantries - call us, we can help.

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