

Kalmar RT240 Rough Terrain Container Handler





Moving Sustainment Forward

Kalmar RT Center provides material handling solutions for our primary customer - the U.S. Department of Defense, its allies, and related government agencies worldwide.

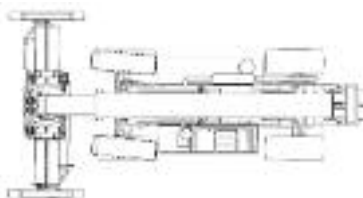
We are a customer focused organization dedicated to the highest level of integrity and innovation, delivering quality products through excellence and teamwork. Our vision is to be the world leader in material handling solutions and related services for the government sector.

The use of containers for the delivery of a wide variety of supplies is rapidly expanding within most military operations throughout the world. The peacekeeping operations in locations,

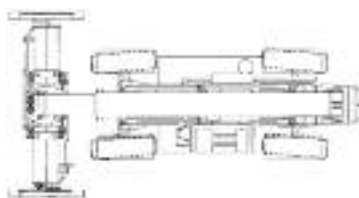
such as Southwest Asia, have created situations where troops must be supported in areas where infrastructure has been destroyed or is non-existent. Military Forces have turned to containerization as a solution to this challenge.

The Kalmar RT240 Rough Terrain Container Handler or RTCH has the ability to travel over unimproved, rough terrain surfaces while easily handling twenty or forty foot containers in even the harshest of conditions. It is easily transportable and does not require any special tools.

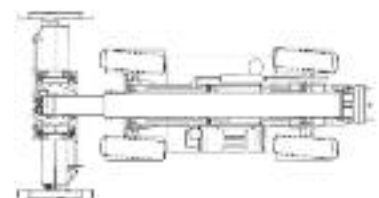
The RT240 RTCH has three versatile steering modes, allowing the machine to work in tight spaces if necessary. The operator can shift between front wheel steer, all wheel steer, and crab steer all at the push of a button.



2-Wheel Steer



4-Wheel Steer



Crab Steer

Material Handling Versatility



Features

The Kalmar RT240 RTCH is equipped with an electro-hydraulically operated twenty to forty foot top handler that is capable of:

- Side shifting
- Rotation
- Forward/rear tilting
- Left/right tilting
- Load position leveling and locking

These features allow containers to be handled in a wide range of approach angles and ground conditions.

Forklift Kit

There is an optional forklift attachment available allowing the RT240 RTCH to handle forklift loads up to 44,000 lb (19,958 kg). The forklift kit is equipped with hydraulically adjustable tines and span from 24 inches (61 cm) to 81.5 inches (207 cm) measuring center-to-center. This gives the operator the flexibility to lift or load a wide variety of cargo, including standard and odd size containers as well as material loaded on a pallet. The forklift kit attaches directly to the twist locks on the top handler in less than fifteen minutes without special tools or lift assets.



Capabilities

- Stack or unstack twenty and forty foot ISO containers, with a gross weight of 53,000 lb (24,040 kg), stacked three high, in the first row.
- Stack or unstack twenty and forty foot ISO containers, with a gross weight of 27,500 lb (12,474 kg), stacked three high, in the second row.
- Stack or unstack twenty foot ISO containers, with a gross weight of 53,000 lb (24,040 kg), stacked two high, in the longitudinal position.





Patented Folding Boom Design

The Kalmar RT240 RTCH has a patented folding boom design allowing the machine to readily be converted from operational mode to transport mode in less than thirty minutes without disassembly, special tools, or lifting assets. This brings the RT240 from an overall height of four meters to just under three meters allowing the machine to be transported by ship, rail, or over the road via truck.

Additionally, the RT240 can self-deploy an additional third axle reducing its weight footprint. This coupled with mountable wheels for the top handler, allows the machine to be loaded on transport aircraft such as the C-5 and the C-17.





Proven reliability in any condition around the world

We Keep Cargo on the Move™



The Kalmar RT240 RTCH operates with ease in adverse terrain and weather conditions from the extreme heat of the deserts in Southwest Asia to the frigid cold of the Arctic regions. The machine is capable of fording two meters of water and one meter of mud, thus allowing it to operate where other container handlers and reach stackers cannot. By utilizing the different steering modes, the RT240 RTCH can operate in tight areas such as military and commercial landing ships or large areas like a shipping container yard. It is an essential tool in delivering sustainment to the military and civilian population in devastated areas.

The RT240 RTCH has been utilized to deliver food, water, and medical supplies to natural disaster victims. Missions have included Hurricane Katrina and Operation Unified Response for the earthquake in Haiti. Its ability to traverse the unfavorable conditions remaining after the natural disaster was an essential asset to the success of the relief efforts.

The Kalmar RT240 RTCH can go anywhere, anytime, in any condition.

Cargotec improves the efficiency of cargo flows on land and at sea – wherever cargo is on the move. Cargotec's daughter brands, Hiab, Kalmar and MacGregor are recognised leaders in cargo and load handling solutions around the world. Cargotec's global network is positioned close to customers and offers extensive services that ensure the continuous, reliable and sustainable performance of equipment.



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