










Options and Upgrades

With the future of bulk handling expected to grow, so does the increasing pressures for terminals and bulk handling facilities to cope with these demands.

At RAM, we are committed to helping you get the most out of your equipment.



**Our Revolver upgrades will enhance performance,
boost productivity and increase safety**

Upgrade Option	Type	Description	Fitting	
			Onsite	Factory
Auto Greasing System		The auto greasing system performs autonomously, eliminating the consuming manual lubrication job. The system extends the life of the part/component by preventing unnecessary wear.	●	●
Camera System (CS)		The camera system extends operator's vision showing real-time visuals of the specific locations on the spreader. This eases the container handling process, increasing operational efficiency. Cameras can be mounted in various locations on the spreader to suit requirements.	●	●
Wireless Diagnostic System	 	Provides real-time diagnostic information from Revolver to a hand-held tablet device. Revolver PLC is integrated with webserver located in the crane cabin. The special antenna emits the Wi-Fi signal to the tablet PC in the crane cabin. This system is a safe and secure method of obtaining Revolver's diagnostics. This feature can be fitted onto Revolver at our factory or on-site.	●	●
Lid Lifter		The automated system (un)locks, removes and replaces the container lid. With the container lid sealed until the unloading process, there is no loss of commodity, contamination or dust generated during the handling process.	●	●
Storage/Docking Frame	 	The practical function of the storage frame allows for safe and secure access for maintenance purposes and for improved mobility of Revolver via Fork Lift access holes. The Storage/Docking Frame is attached to Revolver using pin connections on Revolver's end beams of its inner frame.	●	●
Stainless Steel Hydraulic Tank		The standard carbon steel tank can be upgraded to stainless steel for enhanced durability.	●	●
RAM Crane Gateway		An enclosure containing PLC and communication module for installation in crane.	●	●

After Sales:

- Service
- Spare Parts
- Commissioning
- Refurbishments
- Health Checks



Contact us



Our Mission

We continue to develop our product range, both in response to customers expectations and in anticipating future developments.

With such a wide range of spreader types and options, we can meet the needs of most terminal operator's but we're always happy to develop bespoke solutions to deliver the most effective and practical container handling solution.

We are proud that we are one of the world's leading independent, dedicated specialist spreader manufacturer, with manufacturing facilities in China; service and repair centres in Singapore, UK and Germany; and sales and after-sales service support throughout Asia, Americas, Europe, Middle East and Africa.

Our products

Hydraulic Spreaders | Single & Twin Lift

Electric Spreaders | Single & Twin Lift

Lightweight Spreaders | Single & Twin Lift | Yard | STS

Twin 40 Headblock | SingFlex™

Mobile Harbour Crane Spreaders | Single & Twin Lift

Overheight Spreaders

Containerised Bulk Handling | Revolver®

Fully Automatic Twistlock Handling Machine | PinSmart™

Pipe Handling Spreader

Tipping Spreader

Bulk Handling Grabs | PEINER

Product Range for:

Ship-to-Shore Cranes

Yard Cranes

Mobile Harbour Cranes

Bridge Cranes (Revolver®)

RAM SMAG Lifting Technologies

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