

**World's Leading
Lifting Equipment
Manufacturer**



**Built upon generations
of experience and innovation**

About Us

RAM is the world's leading independent, dedicated specialist spreader manufacturer. The group has manufacturing facilities in China; service and repair centres in Singapore, China and United Kingdom; and sales and after-sales service support throughout Asia, Americas, Europe, Middle East and Africa.

We develop and grow our product range in response to customers' operational needs and future expectations. We offer customised equipment and options built on our wide range of spreader models to deliver the most effective and practical container handling solutions.

RAM Spreaders' ancestral roots began back in 1876 as Ed Mills & Son, a blacksmith company in Liverpool, England. In the 1970's, the Director of Ed Mills & Son, Mr. Robert A. Mills, then diversified its business interests into container handling equipment. The name RAM represents the initials of Robert A. Mills whilst being synonymous with strength, power and reliability.

Over the years, RAM Spreaders has successfully established itself as a reputable brand name in the container handling industry through strategic market penetration and innovative product development. Currently, RAM products are present in more than 65 countries, across many continents.

In 2022, RAM Spreaders celebrated its 50th year, an achievement made possible by the continued faith and support of customers. RAM remains committed to innovate and provide cost-effective container handling solutions to top ports and terminals worldwide.

Design, Product Development and Production

RAM's design and product development continues to take place in the Singapore Head Office while its production is based out of its purpose-built spreader plant in Changshu, China. The vast 64,000m² of land it sits on allows for maximum flexibility and responsiveness to meet customers' needs. The plant, in operation since 2005, is equipped with the latest production techniques and world class quality control system.



Global After-Sales Service and Spare Parts Support

RAM has a well-established global network for its after-sale services and spare parts supply. This is supported by qualified engineers from our offices in Singapore, China, United Kingdom and service centres. RAM also provides extensive formal and practical training available both on-site and in RAM's workshops to equip our customer with product knowledge necessary to carry out routine maintenance. This is important for the operators' safety as well as enhancing the spreader's reliability and performance.

Our Products

RAM spreaders are designed to operate seamlessly on ship-to-shore cranes, yard gantry cranes, jib cranes, mobile harbour cranes, straddle carriers, reach stackers and front loaders. Model range includes fixed or telescopic operation, single or twinlift spreaders as well as headblocks.

Tandem Headblock System - SingFlex

The Tandem Headblock offers outstanding performance, control and versatility to twin 40ft, 45ft or 4x20ft containers handling. The RAM SingFlex headblock system provides a new operational dimension to the traditional single-hoist crane. Without the capital investment of a dual-hoists crane, the traditional single-hoist crane has the operational flexibility to improve its productivity to that expected of a dual-hoist when equipped with RAM SingFlex headblock system. Our Twinlift CentreSpread spreader is the perfect partner for SingFlex.

RAM Twinlift CentreSpread Spreader

Our Twinlift CentreSpread spreader can either handle two 20ft containers with centrespreading capabilities or a single container up to 45ft in length. The twinlift housings can be deployed when required for twinlift operation. In twinlift mode, the spreader memory positioning system will ensure the centrespreading gap is stored and repeatable. The ASi two-wired electrical communication and control system is standard for this range of spreader, which is also equipped with numerous other advanced and complex features which are beyond what the traditional hard wiring electrical system can handle.

Containerised Bulk Handling - Revolver

RAM Revolver is a safe, efficient and environmentally friendly spreader for the exporting and handling of containerised bulk material. RAM Revolver consists of an inner and outer frame. The inner frame locks onto the container and rotates it using a patented RAM drive system.

Fully-Automated Twistlock Handling - PinSmart®

RAM PinSmart® is an automated twistlock handling machine for pinning / unpinning a wide range of container twistlocks used in a container terminal. Designed to handle 20ft, 40ft, 45ft and twin 20ft containers, the RAM PinSmart® machine aims to improve safety and productivity.

Mobile Harbour Crane Spreaders

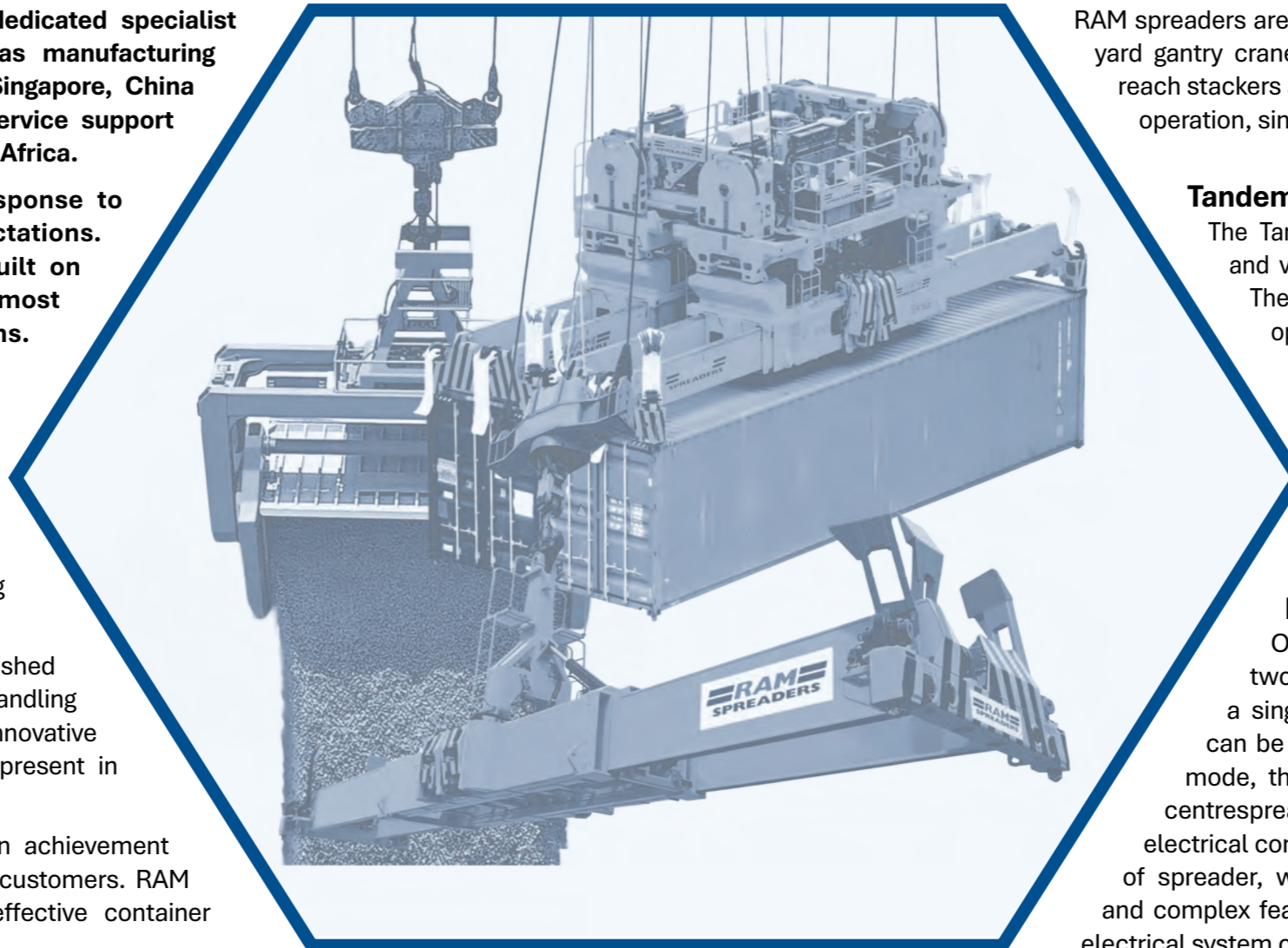
The RAM 2700 series of Electro-Hydraulic Telescopic Spreaders is developed to provide productive, safe and cost-effective container handling for mobile harbour and jib crane.

It is fitted with a post to adjust the spreader's centre of gravity when containers are unevenly loaded. It has a pin connection for attaching to a crane hook or rotator.

Pipe Handling Spreaders

Designed for Yard, Ship, Port and Offshore operations, the RAM universal pipe handling spreader can handle up to 3 pipes in one lift.

Operators are assured of a safer working environment compared to manual handling of pipes whilst enjoying increased productivity.



Ship-to-Shore Spreaders

RAM 2900 Series - Telescopic - Twinlift



Hydraulic

Model	Container Sizes	Capacities	Container Gap
2910	1 x 20 40 45ft	41t	0 - 1,600mm
	2 x 20ft	2 x 30t	
2920	1 x 20 40 45ft	41t	0 - 1,600mm
	2 x 20ft	2 x 25t	
2930	1 x 20 40 45ft	41t	0 - 1,600mm
	2 x 20ft	2 x 32.5t	
2940	1 x 20 40 45ft	51t	0 - 1,600mm
	2 x 20ft	2 x 32.5t	

RAM 3900 Series - Telescopic - Twinlift



Electric

Model	Container Sizes	Capacities	Container Gap
3910	1 x 20 40 45ft	41t	0 - 1,600mm
	2 x 20ft	2 x 30t	
3920	1 x 20 40 45ft	41t	0 - 1,600mm
	2 x 20ft	2 x 25t	
3930	1 x 20 40 45ft	41t	0 - 1,600mm
	2 x 20ft	2 x 32.5t	
3940	1 x 20 40 45ft	51t	0 - 1,600mm
	2 x 20ft	2 x 32.5t	

RAM 2400 Series - Telescopic - Single Lift



Hydraulic

Model	Container Sizes	Capacities
2410	1 x 20 40ft	35t
2420	1 x 20 40 45ft	41t
2430	1 x 20 40ft	41t
2440	1 x 20 40 45ft	51t

RAM 3400 Series - Telescopic - Single Lift



Electric

Model	Container Sizes	Capacities
3410	1 x 20 40ft	41t
3420	1 x 20 40 45ft	41t

Yard Gantry Spreaders

RAM 2900 Series - Telescopic - Twinlift



Hydraulic

Model	Container Sizes	Capacities	Container Gap
2950	1 x 20 40ft	41t	0 - 800mm
	2 x 20ft	2 x 25t	
2960	1 x 20 40ft	41t	0 - 800mm
	2 x 20ft	2 x 32.5t	
2970	1 x 20 40 45ft	51t	0 - 800mm
	2 x 20ft	2 x 32.5t	
2980	1 x 20 40 45ft	51t	0 - 1600mm
	2 x 20ft	2 x 32.5t	

RAM 3900 Series - Telescopic - Twinlift



Electric

Model	Container Sizes	Capacities	Container Gap
3950	1 x 20 40ft	41t	0 - 800mm
	2 x 20ft	2 x 25t	
3960	1 x 20 40ft	41t	0 - 800mm
	2 x 20ft	2 x 32.5t	
3970	1 x 20 40 45ft	51t	0 - 800mm
	2 x 20ft	2 x 32.5t	

RAM 2500 Series - Telescopic - Single Lift



Hydraulic

Model	Container Sizes	Capacities
2510	1 x 20 40ft	35t
2520	1 x 20 40 45ft	41t
2530	1 x 20 40ft	41t
2540	1 x 20 40 45ft	51t

with option of Gather Guides

RAM 3500 Series - Telescopic - Single Lift



Electric

Model	Container Sizes	Capacities	Design
3510	1 x 20 40ft	41t	Lightweight Structure
3520	1 x 20 40 45ft	41t	Lighweight Structure
3530	1 x 20 40ft	41t	Heavy Duty Structure
3540	1 x 20 40 45ft	41t	Heavy Duty Structure

Mobile Harbour Crane Spreaders

RAM 2700 Series - Telescopic - Single Lift



Hydraulic

Model	Container Sizes	Capacities	C of G Adjustment
2710 (Lightweight)	1 x 20 40ft	35t	+/- 1,200mm
2720	1 x 20 40 45ft	45t	+/- 1,200mm
2730	1 x 20 40ft	41t	+/- 1,200mm

RAM 2700 Series - Telescopic - Twinlift



Hydraulic

Model	Container Sizes	Capacities	C of G Adjustment
2740	1 x 20 40ft 2 x 20ft	41t 2 x 25t	+/- 1,200mm
2750	1 x 20 40 45ft 2 x 20ft	45t 2 x 32.5t	+/- 1,200mm
2760 (Separating Twin)	1 x 20 40 45ft 2 x 20ft	51t 2 x 32.5t	+/- 1,200mm

Tandem Headblock System

RAM 6100 Series - SingFlex



Hydraulic

Mode	Equipment	Container Sizes	Capacities
Single Mode	Primary Spreader	1 x Hatch Cover	41t
		1 x 20ft	32.5t
		1 x 40 45ft	51t
		2 x 20ft	2 x 32.5t
Tandem Mode	Primary or Secondary Spreader	1 x Hatch Cover	41t
		1 x 20ft	32.5t
		1 x 40 45ft	51t
		2 x 20ft	2 x 32.5t
Tandem Mode	Primary and Secondary Spreader	2 x 20ft	2 x 32.5t
		2 x 40 45ft	2 x 41t
		4 x 20ft	4 x 20t

Spreader Change	Flexibility			
Single to Twin / Twin to Single :	Gap Adjustment:	Longitudinal Offset:	Skewing Angle:	Vertical Float:
Under 2 minutes	0 - 1,600mm	0 - 200mm	+/- 3°	0 - 500mm

Containerised Bulk Handling

RAM 4100 Series - Revolver



Hydraulic

Model	Container Sizes	Application
4111	1 x 20ft	Ship-To-Shore Crane
4121	1 x 20ft	Mobile Harbour Crane
4131	1 x 20ft	Ship Crane
4141	1 x 20ft	Reach Stacker
4151	1 x 20ft	Bridge Crane

Pipe Handling

RAM 4200 Series - Universal Pipe Handling Spreader



Hydraulic

Model	Pipe Diameter	Capacities	Application
4210	406mm to 1,524mm (16 inches to 60 inches)	1 x 25t	Single Pipe Lift
4220	813mm to 1,524mm (32 inches to 60 inches)	1 x 25t 2 x 25t	Double Pipe Lift
4230	406mm to 787mm (16 inches to 31 inches)	1 x 25t 2 x 25t 3 x 16.67t	Triple Pipe Lift

Pipe Lengths : 11.8m to 12.7m

Fully-Automated Twistlock Handling

RAM 4000 series - PinSmart®



Hydraulic

Model	Container Sizes	Capacities	Twistlock Storage Capacities
4000	1 x 20 40 45ft 2 x 20ft	Up to 80t	Up to 2,000 twistlock cones

Can be sold as a single unit (single cradle) or twin cradle unit.

A single unit is sold with 2 robotic arms. More arms can be added to increase the speed of twistlock pinning / unpinning.



Access more information on our extensive product range by scanning the QR code

<https://www.ramspreaders.com/products/>

RAM

SPREADERS

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PRODUCT RANGES FOR

Ship-To-Shore Cranes
Yard Gantry Cranes
Mobile Harbour Cranes
Bridge Cranes

PRODUCTS

Hydraulic (Single Lift & Twinlift Spreaders)
Electric (Single Lift & Twinlift Spreaders)
Tandem Headblock System
Automated Twistlock Handling Machine
Containerised Bulk Handling
Pipe Handling Spreaders
Lightweight Spreaders

Please visit our website for a full list of national and regional agents

www.ramspreaders.com



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