

RAM
SPREADERS



**An
attachment
for every
lift**

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RAM / SMAG

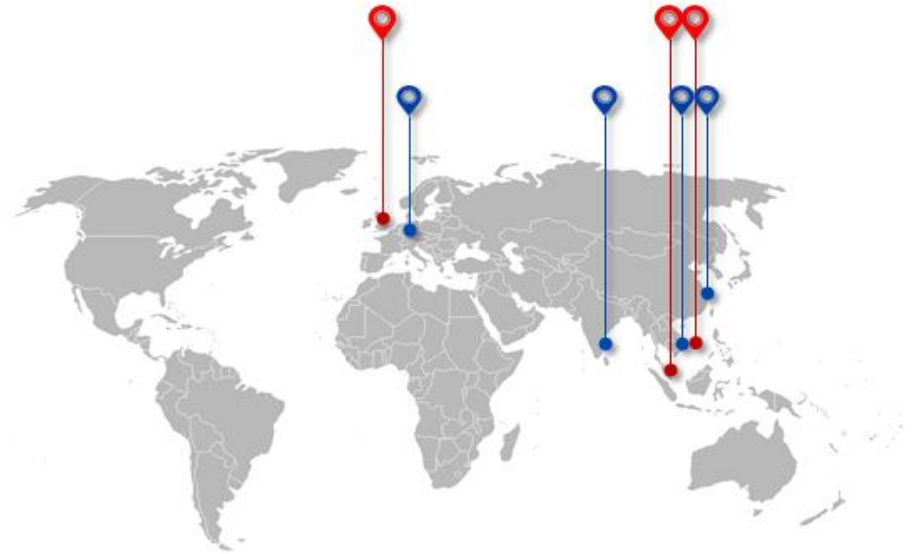
22nd Intermodal
AFRICA
2019

Our business

100 Years old this year

More than **1500** attachments a year

4 manufacturing facilities



Lifting equipment & accessories for

- Containers terminals
- Bulk ports
- Bulk cargo vessels
- Waste to energy incineration plants
- Scrap metal yards
- Steel mills
- Mining



Innovations over the past 40 years



The RAM Spreader Frame



Reach Stacker Spreader



Empty Container Spreader



RAM's Telescopic Single Lift Spreader



Separating Twin Lift with CentreSpread



The RAM All-Electric Telescopic Single Lift

PRODUCTS

Ship to Shore Crane Spreaders



Single Lift Spreaders

Electro-Hydraulic Spreaders
1 x 20 | 40ft



Twin Lift Spreaders

Electro-Hydraulic Spreaders
1 x 20 | 40ft
2 x 20ft



Single Lift Spreaders All-Electric Spreaders

1 x 20 | 40ft



Twin Lift Spreaders All-Electric Spreaders

1 x 20 | 40ft
2 x 20ft



SPREADERS

Mobile Harbour Crane Spreaders



Single Lift Spreaders

Electro-Hydraulic

1 x 20 | 40 | 45ft



Safe Tilting Post

+/- 1200mm

Centre of Gravity Adjustment



Twin Lift Spreaders

All-Electric Spreaders

1 x 20 | 40 | 45ft

2 x 20ft



Central Power Pack

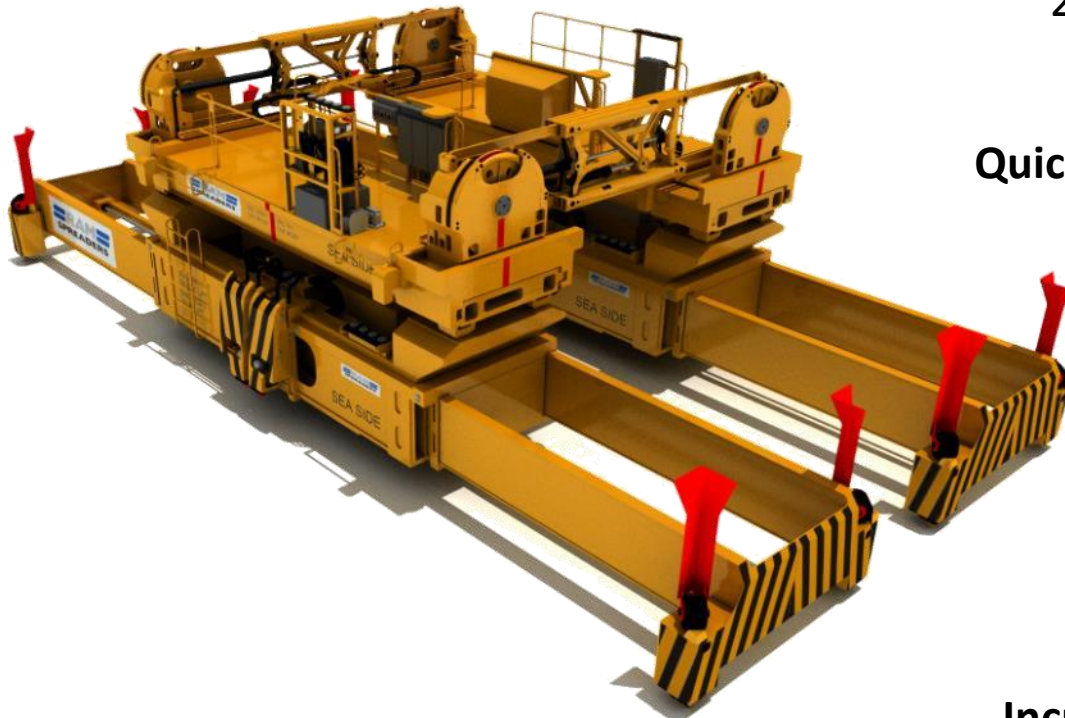
To aid stability

& for quick and easy access



SPREADERS

Single Hoist Tandem



Twin Spreader Headblock

1x20ft | 40ft | 45ft
2x20ft | 40ft | 45ft
4 x 20ft



Quick Spreader Change

Singe <> Twin
Less than
2 minutes



Flexible

Adjustment

Gap/Skew/Offset



Increase Productivity

Substantial increase in
container lifts being achieved



Yard Crane Spreaders



Single Lift Spreaders

Electro-Hydraulic

1 x 20 | 40 | 45ft



Twin Lift Spreaders

Electro-Hydraulic Spreaders

1 x 20 | 40ft

2 x 20ft



Single Lift Spreaders

All-Electric Spreaders

1 x 20 | 40ft



Twin Lift Spreaders

All-Electric Spreaders

1 x 20 | 40ft

2 x 20ft



SPREADERS

Pipe Handling Spreader



Telescopic Beam System
Adjust & remove
for pipe handling flexibility

Pipe Lengths
150cm to 1300cm

Pipe Diameters
4 x 14-18inch
3 x 19-35inch
2 x 36-60inch

Wireless Remote Control
For all spreader
spreader functions

2 Beam Lift



2 x 36-60inch

3 Beam Lift



3 x 19-35inch

4 Beam Lift



4 x 14-18inch



Yard operations



Port operations



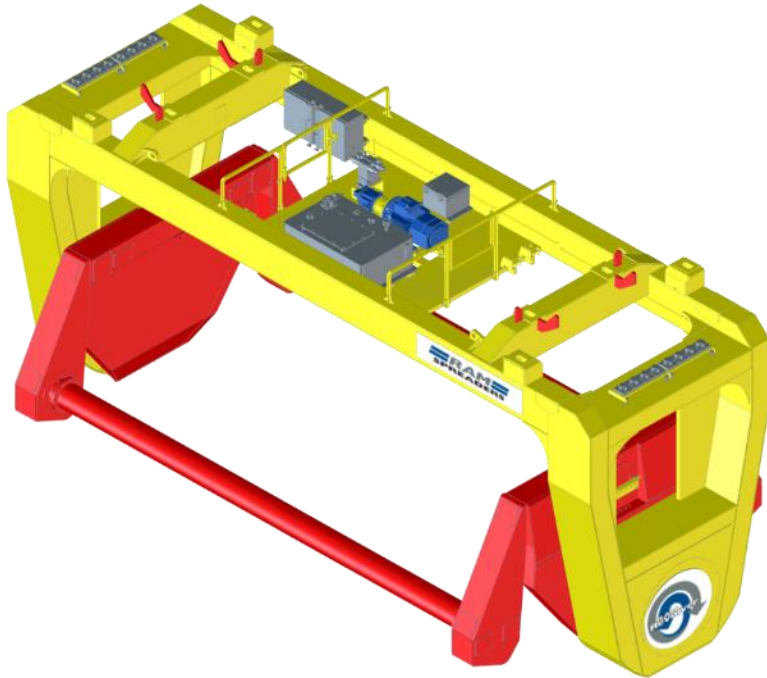
Ship Crane Operations



Offshore operations

SPREADERS

Containerised Bulk Handling Spreaders



Containerises the Bulk

Open top containers with removable lids

Low Cost

No conveyor / ship loaders / storage sheds

Environmentally Friendly

Zero dust, no clean up

Best practice by EPA with fast approval

Proven & Reproducible

Provides a simple turnkey solution

All types of cranes

MHC | STS | SHIP | RS | BRIDGE



SPREADERS

PEINER Grabs for Bulk Handling



SPREADERS

PEINER Grabs for Bulk Handling



Motor grabs



Rope grabs



Hydraulic grabs



Special-purpose grabs



Slewing units



SPREADERS

PEINER Grabs for Bulk Handling

P PEINER SMAG
Lifting Technologies



SERVICE & SUPPORT

SERVICE AND SUPPORT

GLOBAL SERVICE & SUPPORT



Service & Spare Parts Hubs

Europe | China | Americas | Singapore

Service Centres

Europe

Albania | Benelux | Bulgaria | Croatia | Cyprus France | Greece
Romania | Slovenia

Asia

India | Indonesia | Sri Lanka

Africa

Africa | Israel | Mauritania | Mauritius | Mozambique North
Africa | South Africa | Tanzania

Middle East

Egypt | Israel | Kuwait

Americas

Argentina | Dominican Republic | Canada | Columbia
Guatemala | Mexico | Panama | Peru | USA | Uruguay

One Global Lifting Group

With Two Lifting Divisions:

- Grab Business (Bulk Handling)
- Spreader Business (Containers Handling)

Corporate Head Office in Salzgitter, Germany

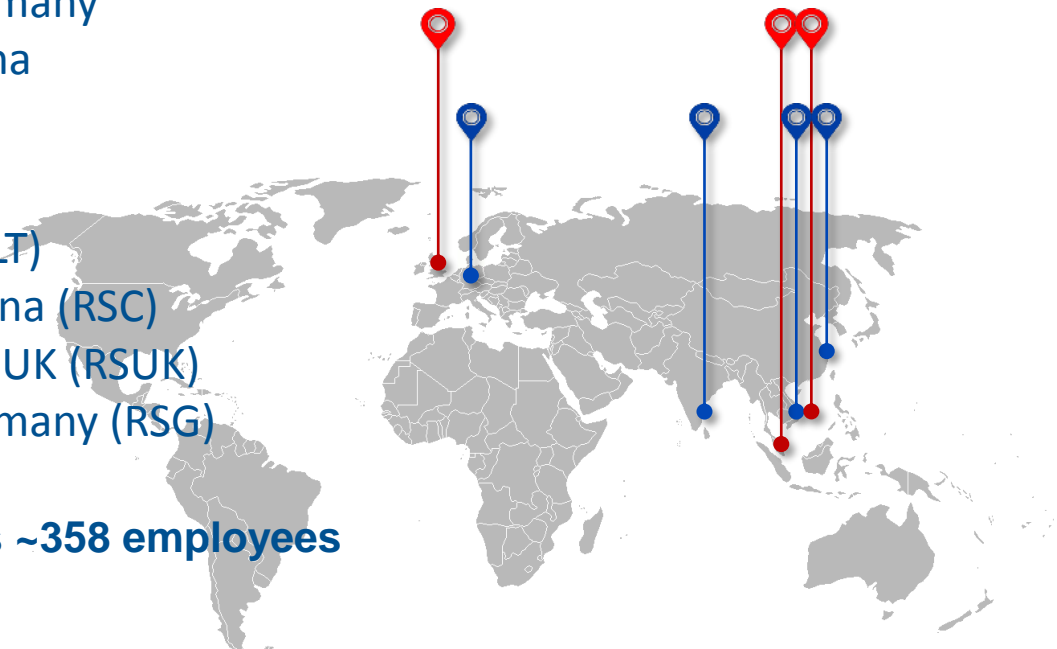


Grab Division: Salzgitter, Germany
Shanghai, China
Chennai, India
Singapore



Spreader Division: Singapore (RSLT)
Changshu, China (RSC)
Skelmersdale, UK (RSUK)
Salzgitter, Germany (RSG)

The RAM Spreaders business now has ~358 employees



Thank you

