Improving your container handling business



ELME™
Swedish Spreader Systems

Gösta Karlsson, founder and CEO
of ELME Spreader.

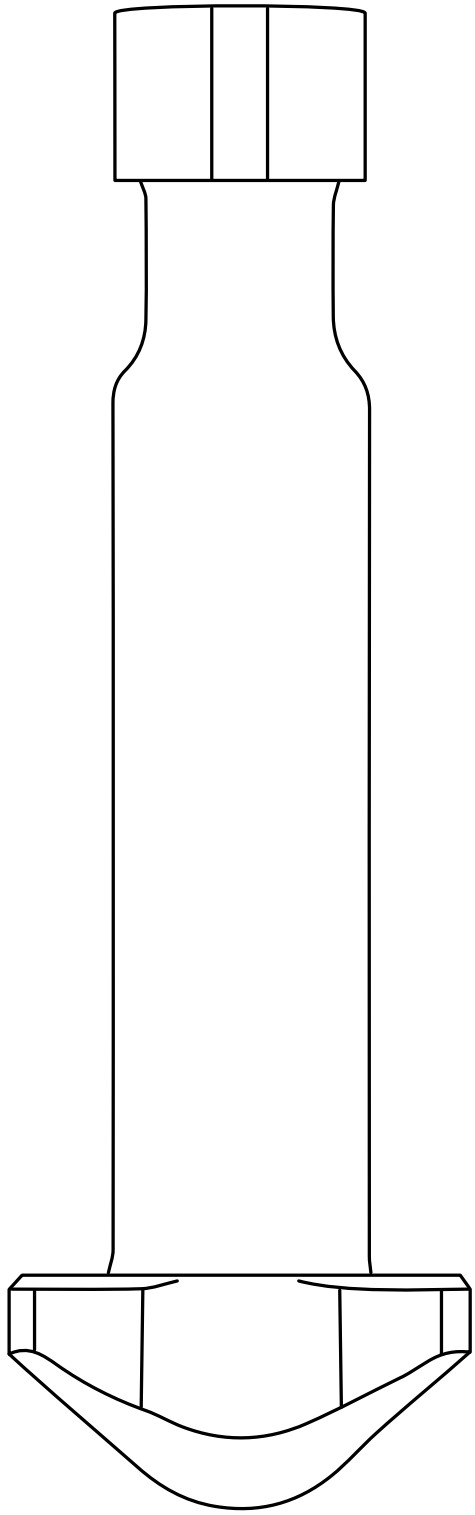
From a one-man enterprise to a global success

As a young mechanical engineer, Gösta Karlsson dreamed of running a business of his own. In 1974, at the age of 25, he made it happen and started ELME™ Spreader.

Today his vision has transformed into the world's leading independent spreader manufacturer. Over a period of almost five decades, more than 23,000 ELME spreaders have been attached to lift trucks, reach stackers, straddle carriers and cranes all over the world.

This brochure gives you an overview of the philosophy behind our operations and products. Find out more about who we are, what we do, how we do it and how we can help you make your container handling operations easier and more profitable.

Welcome to ELME Spreader, Älmhult, Sweden!



“The better spreaders we manufacture, the more value we bring to our customers”

Those are the words of Gösta Karlsson, the founder and CEO of ELME Spreader.

So, it’s no surprise that quality, simplicity, reliability and safety have been at the core of the company since day one.

“A client working with container handling needs to be absolutely sure that every spreader is 100% safe, easy to operate and maintain and can handle extremely tough conditions during a long time.”

It seems that our clients think we stick to our promises. The trust we’ve earned over the years has made ELME Spreader one of the most renowned companies in the business – serving clients on all seven continents.



The art of securing a container. The ELME spreader twistlock – based on more than 45 years experience of heavy container handling.

In-house production secure the quality

Every single ELME spreader is built at our plant in Älmhult. And that's the way it's been since 1974.

All the work is carried out here – from design and product development to manufacturing, assembling and testing. This unique approach lets us have 100% control over the production and the final quality of our products.

It's an effective and streamlined process from start to finish. Our teams of experts in design, mechanics, hydraulics, electronics, welding and calculation – using state of the art technology and software – work closely together to provide our clients with top performance container spreaders.



Every single part of an ELME spreader is built at our 22,000 m² plant in Älmhult, Sweden.

Made in Småland – Sweden



The engineering industry is the largest manufacturing industry in Sweden. Companies like SKF, ABB and Ericsson – along with inventions like the ball bearing, the Swedish Key, and the propeller – have given Sweden a good worldwide reputation in this sector.

ELME Spreader is part of this tradition. Situated in Älmhult, Småland, a region known for its many small industries and successful entrepreneurs, the company's 200 co-workers prove that big ambitions, ingenuity and a high level of craftsmanship can create values that few – if any – manufacturers can match.

ELME Genuine Parts – the easiest way to secure the performance and reliability of your spreader.

Built to last

An ELME spreader consists of more than 3,000 parts – all carefully designed and built to provide the highest possible level of performance.

ELME Genuine Parts, our range of approved spare parts and accessories, are designed and developed at our factory in Älmhult. They are 100% made for your ELME spreader – with the exact right qualities, dimensions and features – to secure the reliability and safety of your product.

To make the ownership even more straightforward, we introduced “ELME in a box”. A complete package of all the genuine spare parts your spreader needs for a 5 000 hour service. An easy way of securing the performance and safety of your spreader for years to come!



It’s a heavy responsibility.

We’ve been doing it for
more than 45 years.

Designed for worldwide container handling

At our plant in Älmhult, we design, manufacture and assemble truck spreaders, crane spreaders and straddle carrier spreaders. We also offer different attachments and special equipment together with our range of approved spare parts – ELME Genuine Parts. Today, our customers are located on seven different continents and include both internationally recognized OEMs as well as end users who use ELME spreaders as their standard working tool for their equipment.

Truck spreaders

Our truck spreader range include truck spreaders for lift trucks, reach stackers for ISO container handling and Intermodal truck spreaders, allowing the spreader to handle swap bodies, trailers and bottom lift containers. All can be customised to meet your specific needs where good examples are our spreaders specifically developed for handling WTP containers and North American trailers.

One of their most renowned features is the rectangular box section design – providing the truck driver with an excellent overview of every operation.

Lift trucks

Our spreaders for lift trucks can either be fork mounted or gantry mounted, or integrated into the mast. Lift trucks can be used for two kinds of handling areas: empty and laden containers. The empty handling spreaders can handle either single or double containers.

Both empty and laden container spreaders can either be telescopic or fixed from 20 to 40 feet with 45 feet as option. Empty handling container spreaders have a maximum lifting load of 9/11 (single/double) tons, while laden container spreaders have a maximum lifting load of 45 tons.

Reach stackers

The spreaders are used for lifting ISO containers and are available for handling both laden and empty containers. Reach Stackers can either be telescopic or fixed from 20 to 40 feet with 45 feet as option. Reach stacker spreaders have a maximum lifting load of 45 tons.

Intermodal

The ELME intermodal spreader combines the regular spreader for ISO containers and B7 containers with folding legs that enables the spreader to also handle swap bodies, trailers and bottom lift containers. The spreader has a capacity up to 45 tons, extending from 20 to 40 feet ■

Crane spreaders

ELME Spreader offers four different types of crane spreaders for container handling: Ship to shore, RTGs/RMGs/ARMGs, Mobile harbour cranes and Intermodal. All spreaders can be customised to meet your specific needs where good examples are our spreaders specifically developed for handling WTP containers and North American trailers.

Ship to shore

Our ship-to-shore spreaders are intended for use under quayside cranes. They have a capacity up to 45 tons, extending from 20 to 45 feet and can also be equipped with a twin lift.

RTGs/RMGs/ARMGs

These are hydraulic as well as electric spreaders for loaded ISO container handling for rail mounted or rubber tyred gantry cranes and automated stacking cranes ARMGs (ASCs). They have a capacity up to 41 tons and can be extended from 20 to 45 feet.

Mobile harbour cranes

Tower-mounted spreaders for harbour cranes are standard equipped with side flippers and centre of gravity adjustment function. The spreaders have a capacity up to 41 tons and can be extended from 20 to 45 feet.

Intermodal

The ELME intermodal spreader combines the normal top lift spreader for ISO containers and B7 containers with folding legs that enables the spreader to also handle swap bodies and trailers. The spreaders have a capacity up to 41 tons, extending from 20 to 45 feet ■

Straddle Carrier spreaders

Our product range also includes spreaders specifically developed to use on straddle carriers - either in single or twin-lift mode ■

Choose between more than 40 different spreaders - all designed, manufactured and assembled at our plant in Sweden.


MAERSK
MAERSK LINE
MAERSK
MAERSK
MAERSK
SEALAND
MAERSK

Add-ons

Piggyback slave attachments

Our piggyback slave attachments are removable units for the handling of trailers, swap bodies and bottom lift containers. The attachments can be mounted under one of our spreaders or onto the forks of a lift truck.

ELME overheight frame is a semi-automatic spreader, which has been developed in order to assist operators with the safest and most efficient, handling of oversized cargo such as flats, bolsters and open top containers.

Special equipment

ELME Spreader offers a wide range of special equipment for cranes and trucks. The range includes e.g. the slab handler, tilting spreaders and various hooks, as well as the "ELME tool changer". These can be used to handle a great number of special containers, steel slabs, sheet metal coils, etc.

Getting the job done – in ports, harbours and terminals.

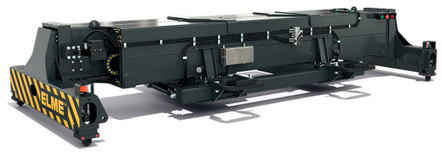
Stacking and moving ISO containers – the ELME Straddle Carrier spreader.

Some of our hard-working container handling spreaders…

Visit www.elme.com for details and more products.



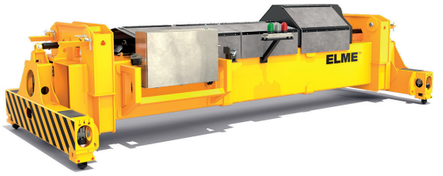
ECH Spreader Model 584 LD INNOVATION



FM Spreader Model 815



RMG, RTG Spreader Model 8110



ARMG Spreader Model 8110E



STS Spreader Model 8310



Intermodal RMG, RTG Spreader Model 8510



RS Spreader Model 817 INNOVATION



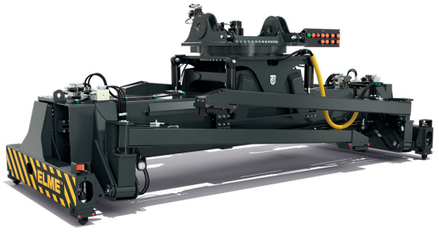
GM Spreader Model 818



MHC Spreader Model 8810TM



Attachment Model 953



Intermodal RS Spreader Model 857



SC Spreader Model 816



Special Equipment

ECH = Empty Container Handler
FM = Fork Mounted
RS = Reach Stacker
GM = Gantry Mounted
SC = Straddle Carrier
ARMG = Automated Rail Mounted Gantry Crane (ASC)
RMG = Rail Mounted Gantry Crane
RTG = Rubber Tyred Gantry Crane
MHC = Mobile Harbour Crane
STS = Ship To Shore

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