



COMPANY BROCHURE

—
ONE FAMILY - ONE WORD - SPREADERS



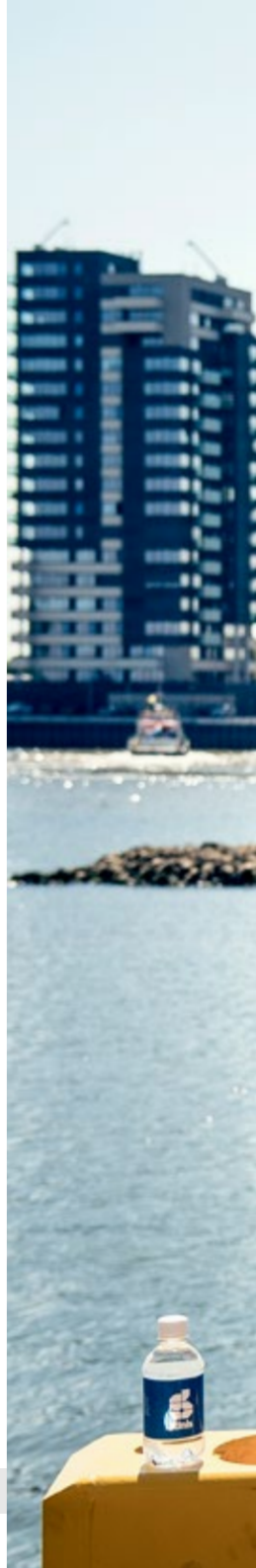
www.stinis.com

ABOUT US

ONE FAMILY - ONE WORD- SPREADERS

We are Stinis. A family business to which six generations of talented engineers have devoted themselves. We design, manufacture and service spreaders and custom lifting equipment for container handling. We supply the entire package for under your cranes. Partnering with Stinis means joining our family. Being our customer means you get continuous support from a seasoned pioneer in cutting-edge spreader technology.

Your spreaders are not stand-alone machines. When your spreader is down, your crane is put out of service. This causes delays and disturbs your operations. Our spreaders are a crucial link in your logistic flow. Choosing the right spreader can make a major difference to your port's safety and productivity. Stinis has nearly 200 years of experience in giving others the tools to do their jobs. We know what is expected from us. We promise to advise you in good conscience about what we think you really need. We promise to solve your problems, not just sell you products. Most importantly, you are guaranteed of a lifetime of support. And you get to talk to specialists - people who love what they do and do it for you.





OUR ORGANISATION

WORLDWIDE COMMITMENT

Stinis headquarters are located in Krimpen aan de Lek in The Netherlands. The Holding company determines group strategy and sets global policies there aimed at fostering efficiency, consistency, cooperation and growth. Corporate planning, product development, engineering, quality control, finance, human resources and marketing all come under the responsibility of the holding company.

Stinis operates two state-of-the-art manufacturing facilities, located in The Netherlands and Malaysia. The two facilities work closely together, operating in accordance with the same high engineering, production and quality standards. Both are fully ISO 9001-certified. Since 2022, Stinis Malaysia has also been certified according to ISO 14001 and ISO 45001. Our service engineers are also based there. Together with our global network of service agents, they provide dedicated remote and on-site support to our customers worldwide.

Our sales team is based in Holland and Singapore. Supported by a global network of representatives, they assist terminals worldwide in selecting appropriate equipment for the job. Stinis Holland supports terminal operators and shipping lines based in the Americas, Europe and the Middle East. The sales team at Stinis Singapore, on the other hand, looks after our operator and shipping line clients based in Asia, Africa, Australia and New Zealand. We also run a service office in Shanghai to provide dedicated support to crane manufacturers located in China.



STINIS
HOLLAND

STINIS
ASIA PACIFIC

OUR STORY

SIX GENERATIONS STRONG

In 1830 Arie Stinis founded his smithy, making horse shoes and skates for the community of Krimpen aan de Lek. As the company passed from father to son for five generations, its focus shifted from general blacksmithing to specialized engineering of marine lifting equipment to better service the nearby Port of Rotterdam.

In 1967, Stinis unloaded the first iron box in Rotterdam - a huge milestone. This historic moment was greeted by a new generation of leadership: Kees Stinis. His inventions are what allowed the company to evolve into a specialized developer of container lifting equipment.

In 1989, Stinis developed the patented Autotwist spreader - a robust spreader that automatically locks and unlocks when placed on a container. This spreader type became very popular with shipping lines who put safety first. A Dutch shipping line resold hundreds of Autotwist spreaders in Singapore. This provided the seed for what would become Stinis Asia Pacific.

The demand for spreaders increased as container ports evolved. In response, Stinis launched a number of patented innovations. The single telescopic beam, the ultra-powerful flipper actuator and the Double-Collar twistlock made their appearance.

We received international recognition with the introduction of the Stinis Long-Twin in 1996. The Stinis Long-Twin makes it possible to create a 1600 mm distance between two 20' containers. It has changed terminal activities worldwide. Today the Long-Twin is still the standard for Ship to Shore operations.

In 2001, we introduced the Stinis Split-Headblock. This patented innovation significantly increased quay side productivity. By replacing the conventional headblock of a single hoist crane, the Stinis Split-Headblock can lift up to four 20' containers simultaneously.

Our company continued to experience unprecedented growth due to global trade and successful innovations. We expanded our production facility in The Netherlands in 1997 and 2005.

In 2008 production expanded from Singapore to Malaysia. An intensive knowledge transfer program followed to jumpstart the production of telescopic spreaders in our new state of the art facility in 2013. This process laid the foundation for new growth, just in time for the daughters of Kees Stinis to step up and take on duties in the company. Together with their father they make sure that Stinis is ready for the next step into the future.





PERSONAL
DEDICATED
RESPONSIBLE



LE

OUR VALUES

WHERE TRUST MEETS DEDICATION

PERSONAL

When you join Stinis as a customer, an employee or a supplier, you join our family. It means we build a long-term partnership based on trust and friendship, because our company and family reputation are inseparable. We will go to extremes when we design and build custom products for you. We are devoted to giving you a bespoke product that we can all be proud of. That's why our name is on your spreaders.

DEDICATED

What matters to us, is that we do things the right way for you. We focus our experience and expertise on those areas that are most vital to terminal operators and shipping lines, such as safety and efficiency. This is why we chose to develop the patented Autotwist spreader and the Double-Collar twistlock, as well as the Stinis Long-Twin spreader and the Stinis Split-Headblock. Our materials are always top-of-the-line and handpicked to ensure that they stand up to the harsh conditions on the quay side.

RESPONSIBLE

Everybody makes mistakes and we are no exception. When a problem occurs, we take our responsibility and work towards a solution. We don't waste time finger pointing, but make sure we learn from our mistakes. We also take our responsibility in design quality, material selection and finishing. We hold ourselves accountable for operating sustainably within our communities. Good relationships with neighbors, ethical treatment of employees and an ongoing commitment to treat the environment with respect are all important parts of our social responsibilities.





OUR APPROACH

SUCCESS THROUGH COMMUNICATION



1 Our first step is a thorough analysis of your needs and desires. We will look into the circumstances under which you work. Do you operate in coastal or in-land regions? What types of cranes you have? How often you work with special loads, such as deck hatches and overheight or open top containers?



2 Our sales and engineering teams will work in tandem with you to collect all relevant data. Then, we sit down and make the calculations that determine the structural backbone of your spreader.

“During this entire process, we will keep in constant contact.”

“There is one word that captures our process, from tender to commissioning: personal”



3

Next, we will engage you about those spreader features that make sense for your current and future needs. Do you plan to switch to remote operations?

We can deliver your spreaders with cameras and positioning systems or make preparations for a later installation. Do you foresee a need for tandem operations? We can advise you on how to prepare your cranes and crew for working with the Stinis Split-Headblock.

If you employ a multilingual staff, we offer touch screens with information in multiple languages for their convenience. The options are endless, but our recommendations hinge upon what your business actually needs.



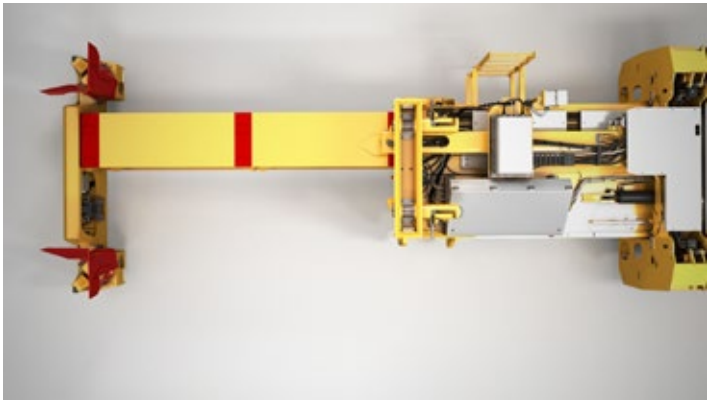
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To help new customers get a feel for us, we like welcoming people to our facilities. Being able to touch the products we build and hearing our responsive design process in action, shows what it means to join the Stinis family. We'll train your staff too. Or, if you prefer, we can send our own experts to service your spreaders and share what they know.

During this entire process, we will keep in constant contact.

UNIQUE FEATURES

STRONG AND DURABLE



01 MONO-BEAM STRUCTURE

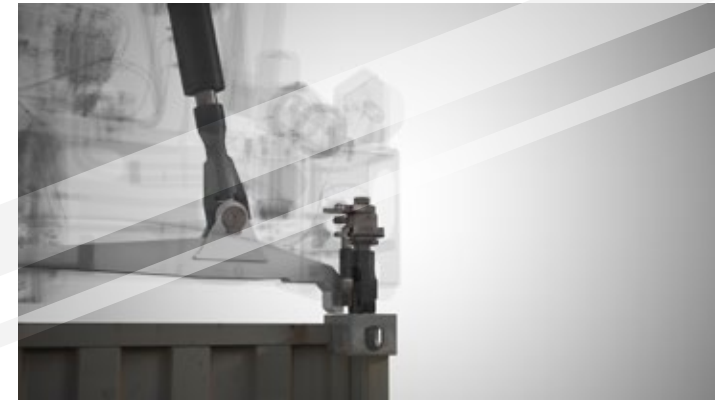
Our mono-beams provide better visibility to your crane operators and easy access during trouble shooting and maintenance.

Because of the mono-beam structure we could reduce the width of the midframe of the spreader. This allows you to install optional items like stacking fitting boxes, ladders or lifting lugs.

02 BELT TELESCOPING SYSTEM

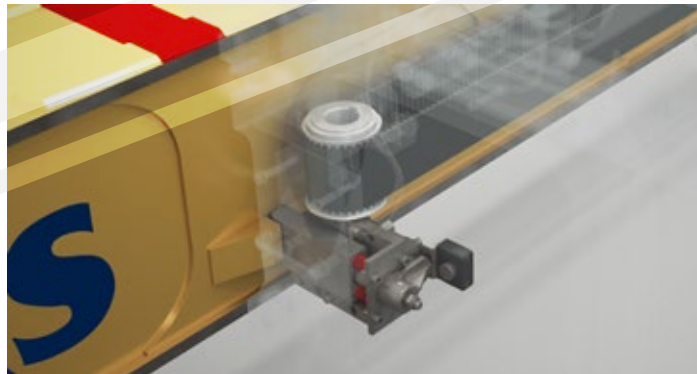
A steel strand enforced rubber belt system driven by hydraulic motors telescopes the mono-beams in and out the midframe. The belt has a high breaking point, runs fast, produces little noise and needs no lubrication.

A mechanical blocking device is mounted inside the mid-frame to absorb horizontal forces on the endbeam during collision with a container or the cell inside a vessel.



03 ACTIVE SHOCK ABSORBING SYSTEM® (SAS)

Our active shock absorbing system® reduces the noise at your terminal. This enables you to operate 24/7 even if your terminal is in the vicinity of residential areas. The system increases the lifetime of the spreader and can be turned “On” and “Off” as you like.



Discover the strengths of our spreaders!

04 AUTOMATIC GREASING SYSTEM ▼

Our automatic greasing system can service up to 80 greasing points on your spreader. The system guarantees consistent spreader performance and less wear and tear. Meaning less down-time and lower maintenance cost.

Our open source software program enables you to adjust the cycle frequency and greasing volume yourself.



06 FLOATING (ISO) DOUBLE COLLAR TWISTLOCK ▼

The twistlock is one of the most critical components of your spreader. Our unique and patented design allows you to easily remove the twistlock nut for non-destructive testing. Another way in which the Stinis R&D team has tried to increase the lifetime of your equipment and reduce your maintenance cost.

05 ULTRA-POWERFUL FLIPPERS ▲

Our flippers are made of high tensile steel and are driven by high torque actuators. We chose a cylinder-based design to maximize strength and operating performance during the spreader lifetime. A cylinder-based design also reduces the risk of oil leakages.

The Stinis flipper-actuator combination has proven to be ultra-powerful when guiding the spreader onto the container resulting in more container moves per hour.



OUR SERVICE

WE ARE YOUR SUPPORT

Some spreader downtime is unavoidable, but we understand like no other that it needs to be kept to an absolute minimum. This is why our service strategy is built around giving you the freedom to structure work on your spreaders in the way you prefer.

For dedicated service, we can send our specialists to your site to troubleshoot your equipment. If you prefer to let your own staff do the work, we can provide a thorough analysis and report of what needs to happen.

We are very eager to partner up with you for projects in which we focus on spreader performance, causes of downtime and minimum moves between failure. These projects provide an excellent opportunity for us to gain deep insights that translate directly into targeted advice for higher uptime and increased reliability for you.

We also provide training either on site or in one of our facilities. Whether you have a staff of experienced people who know spreaders like the back of their hand, or newer people who still need to learn the ropes, they can benefit from a variety of classes and courses, either to refresh faded knowledge or to learn to work with cutting-edge features.

Each spreader comes with documentation that details routine and preventive maintenance. We include interactive models that allow you to quickly select and order the correct spare parts. Since we have spare part depots in various strategic locations, and our after-sales staff has real-time access to our supply, you don't need to worry about stocking too many parts yourself. Just reach out and tell us the unique spreader ID.

Like we said before, the end of a warranty period is not the end of our service. No matter how old your spreader is, we are always happy to support you. And if we can, we will help you give your spreader a new lease on life. That is what we mean when we say lifetime support.





SHIP TO SHORE CRANE SPREADERS

PURSUING PERFECTION



01 SINGLE LIFT

Operation: Automatic

Spreader control: Hydraulic or electric

ISO container sizes:

- 20ft
- 30ft
- 40ft
- 45ft



02 TWIN LIFT

Operation: Automatic

Spreader control: Hydraulic or electric

ISO container sizes:

- 20ft
- 30ft
- 40ft
- 45ft
- 20ft | 20ft



03 LONG-TWIN

Operation: Automatic

Spreader control: Hydraulic or electric

ISO container sizes:

- 20ft
- 30ft
- 40ft
- 45ft
- 20ft | 20ft
- 20ft | 20ft





SHIP TO SHORE CRANE SPREADERS MINIMISING DOWNTIME

Ship to shore spreaders from Stinis have proven their worth in the field. Our ship to shore spreaders can be fully customised for the required task. Excellent build quality and best in class service ensure downtime on the quay is kept to a minimum.

All of the features and options we offer were developed based on your needs. The patented mono-beam construction provides operators with optimal sight lines, as well as ensuring easy access for maintenance crew.

Patented double-collar twistlocks offer you reliability and make maintenance stress-free.

An optional shock absorption system lets you work day and night. Just select your preferred status lamps or cameras at the twistlocks to prevent accidents and improve operator performance at night and in harsh conditions.

MOBILE HARBOUR CRANE SPREADERS

PRECISION IN EVERY MOVE



01 SINGLE LIFT

Operation: Automatic

Spreader control: Hydraulic

ISO container sizes:

- 20ft
- 30ft
- 40ft
- 45ft



02 TWIN LIFT

Operation: Automatic

Spreader control: Hydraulic

ISO container sizes:

- 20ft
- 30ft
- 40ft
- 45ft
- 20ft | 20ft



03 LONG-TWIN

Operation: Automatic

Spreader control: Hydraulic

ISO container sizes:

- 20ft
- 30ft
- 40ft
- 45ft
- 20ft | 20ft
- 20ft | 20ft



MOBILE HARBOUR CRANE SPREADERS PERFORMANCE & RELIABILITY

Through automatic container levelling, our mobile harbour crane spreaders ensure efficient container handling, as well as reducing turnaround times and boosting productivity.

One of the key features of these spreaders is their double pin connection, which provides extra stability during cargo lifting. This unique configuration enhances safety and ensures your valuable cargo is securely handled.

The single lift model can handle a range of container sizes, including 20, 30, 40, and (optional) 45 ft containers, to maximise operational flexibility. The twin lift model can lift 20, 30, 40, and 45 ft containers and is capable of handling two 20 ft containers simultaneously, to boost productivity and efficiency.

The long-twin model can lift two containers spaced 1600mm apart, thus allowing you to flexibly accommodate special operational requirements.

STINIS SPLIT-HEADBLOCK®

TANDEM OPERATION WITH VARIOUS TYPES OF SPREADERS



01 STINIS SPLIT-HEADBLOCK®

Operation:	Automatic
Spreader control:	Hydraulic
Operation mode:	Single or tandem

STINIS SPLIT-HEADBLOCK® ATTACHMENTS



01 FIXED SPREADER

Operation:	Automatic		
Spreader control:	Hydraulic		
ISO container sizes:	<table border="1"> <tr><td>40ft</td></tr> <tr><td>45ft</td></tr> </table>	40ft	45ft
40ft			
45ft			



02 SHIP TO SHORE LONG-TWIN

Operation:	Automatic								
Spreader control:	Hydraulic								
ISO container sizes:	<table border="1"> <tr><td>20ft</td></tr> <tr><td>30ft</td></tr> <tr><td>40ft</td></tr> <tr><td>45ft</td></tr> <tr><td>20ft</td><td>20ft</td></tr> <tr><td>20ft</td><td>20ft</td></tr> </table>	20ft	30ft	40ft	45ft	20ft	20ft	20ft	20ft
20ft									
30ft									
40ft									
45ft									
20ft	20ft								
20ft	20ft								





STINIS SPLIT-HEADBLOCK® ENHANCING EFFICIENCY

By using the Stinis Split-Headblock® (SSH), you can increase quayside productivity by lifting up to four 20ft. containers at the same time. This remarkable innovation lets you handle increased volumes of containers, achieving significant cost savings and improving operational efficiency.

The arms of the SSH can separate the connected spreaders, thus establishing an impressive max. 1600mm distance between the containers. Enjoy the resulting benefits of the fastest, most efficient loading and unloading processes at your terminal.

The SSH enables you to store the required distance as a set point to be able to automate and streamline the loading/unloading process. This brings a whole new level of precision and consistency to your operations, optimizing your workflow and enhancing overall operational efficiency.

YARD CRANE SPREADERS

GUARD THE YARD



01 SINGLE LIFT

Operation: Automatic

Spreader control: Hydraulic or electric

ISO container sizes:

20ft
30ft
40ft
45ft



02 TWIN LIFT

Operation: Automatic

Spreader control: Hydraulic or electric

ISO container sizes:

20ft
30ft
40ft
45ft
20ft 20ft



03 LONG-TWIN

Operation: Automatic

Spreader control: Hydraulic or electric

ISO container sizes:

20ft
30ft
40ft
45ft
20ft 20ft
20ft 20ft





YARD CRANE SPREADERS THE SOLUTION FOR ASC/RTG/RMG

Stinis Yard Crane Spreaders are telescopic spreaders specifically designed for Automatic Stacking Cranes (ASC), Rubber Tyre Gantry Cranes (RTGs) or Rail-Mounted Gantry Cranes (RMGs).

Designed with practicality in mind, Yard Crane Spreaders are equipped with a mono-beam structure. As well as ensuring optimal visibility for operators, this design also simplifies maintenance procedures.

Many parts are interchangeable, thus enabling quick, hassle-free replacement, whilst reducing downtime and associated costs at the same time. This user-friendly design permits efficient upkeep without impacting on operational efficiency.

With the help of our Stinis Yard Crane Spreaders, you can enhance productivity, improve safety measures, and optimise maintenance procedures. See the difference these state-of-the-art spreaders can make to your yard crane operations!

PIGGYBACK SPREADERS

POWER BEYOND CARGO



01 SINGLE LIFT

Operation: Automatic

Spreader control: Hydraulic

ISO container sizes:

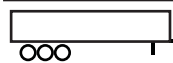
20ft

30ft

40ft

45ft

Trailer:



Swap bodies:





PIGGYBACK SPREADERS

SAFE INTERMODAL OPERATIONS

Optimise your intermodal operations with the Stinis Piggyback Spreader. This spreader stands out from the crowd with its ability to lift a range of different types of load, including containers, trailers, and swap bodies.

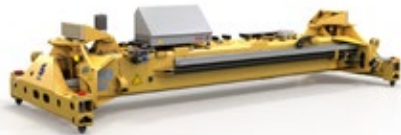
Equipped with two cylinders per leg, the Piggyback Spreader offers enhanced stability and precision control during lifting operations.

Its innovative design enables easy positioning of containers into ship cells, making the entire transfer process hassle-free. This flexibility allows for smooth and efficient switching between different modes of transportation, giving you maximum operational efficiency.

The robust construction of the Piggyback Spreader makes it reliable in even the most demanding environments, ensuring uninterrupted operations and keeping downtime to a minimum.

STRADDLE CARRIER SPREADERS

DRIVEN BY SUCCESS



01 SINGLE LIFT

Operation:	Automatic				
Spreader control:	Hydraulic				
ISO container sizes:	<table border="1"> <tr><td>20ft</td></tr> <tr><td>30ft</td></tr> <tr><td>40ft</td></tr> <tr><td>45ft</td></tr> </table>	20ft	30ft	40ft	45ft
20ft					
30ft					
40ft					
45ft					



02 TWIN LIFT

Operation:	Automatic					
Spreader control:	Hydraulic					
ISO container sizes:	<table border="1"> <tr><td>20ft</td></tr> <tr><td>30ft</td></tr> <tr><td>40ft</td></tr> <tr><td>45ft</td></tr> <tr><td>20ft 20ft</td></tr> </table>	20ft	30ft	40ft	45ft	20ft 20ft
20ft						
30ft						
40ft						
45ft						
20ft 20ft						



03 LONG-TWIN

Operation:	Automatic						
Spreader control:	Hydraulic						
ISO container sizes:	<table border="1"> <tr><td>20ft</td></tr> <tr><td>30ft</td></tr> <tr><td>40ft</td></tr> <tr><td>45ft</td></tr> <tr><td>20ft 20ft</td></tr> <tr><td>20ft 20ft</td></tr> </table>	20ft	30ft	40ft	45ft	20ft 20ft	20ft 20ft
20ft							
30ft							
40ft							
45ft							
20ft 20ft							
20ft 20ft							





STRADDLE CARRIER SPREADERS ENSURING CLEAR VISIBILITY

Stinis Straddle Carrier Spreaders are capable of lifting one or two containers simultaneously. With a slim midframe and mono-beam construction, these spreaders can provide operators with optimal sight lines, as well as giving a clear view of both the container and its surroundings.

The robust, hydraulic cylinder-based telescoping system can smoothly extend and retract the mono-beams, ensuring smooth, precise container handling. The high-speed cylinder operates with minimal noise and eliminates the need for lubrication, thus significantly cutting down on maintenance requirements.

We appreciate the importance of safety and durability. That's why our straddle carrier spreaders are fitted with a dampening bracket, which effectively limits spreader damage and reduces noise when moving with a loaded carrier.

FIXED SPREADERS

SIMPLY RELIABLE



01 MANUAL OPERATED

Operation: Manual

Spreader control: Mechanical

ISO container sizes: 10ft
or
20ft
or
30ft
or
40ft



02 AUTOTWIST

Operation: Manual and semi-automatic

Spreader control: Mechanical

ISO container sizes: 10ft
or
20ft
or
30ft
or
40ft



03 RC AUTOTWIST

Operation: RC, manual and semi-automatic

Spreader control: Remote control and mechanical

ISO container sizes: 10ft
or
20ft
or
30ft
or
40ft



FIXED SPREADERS PROVEN IN THE FIELD

The Stinis Autotwist stands out with its user-friendly design. With a bright red gravity lever, the Autotwist simplifies locking and unlocking of twistlocks to make the process remarkably easy and efficient.

The Autotwist has marked out its place in the market as a reliable, trustworthy fixed spreader, delivering consistent performance in line with the needs of container lifting teams. Its sturdy design and secure locking mechanism keep containers firmly in place, thus minimising the risk of accident or damage.

Together with its practical features, the Autotwist is compatible with conventional ship and harbour cranes, which make it a versatile choice for a range of lifting environments. Whether you need a spare spreader for swivel powered cranes or a reliable solution for existing equipment, the Autotwist is a reliable option to meet your needs.

OVERHEIGHT SPREADERS

THE HIGHEST STANDARD



01 FIXED OVERHEIGHT

Operation: Automatic

Spreader control: Electric

ISO container sizes:

20ft
or
40ft
or
45ft



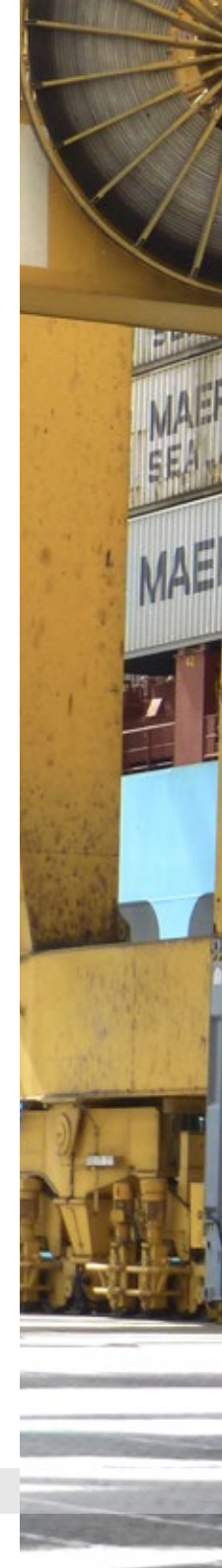
02 TELESCOPIC OVERHEIGHT

Operation: Automatic

Spreader control: Electric

ISO container sizes:

20ft
30ft
40ft
45ft





OVERHEIGHT SPREADERS ENSURING SAFE OPERATIONS

Maximise productivity and safety with the advanced Overheight Spreader from Stinis. With more than two decades' experience in manufacturing and servicing 350+ overheight spreaders, our expertise shines through in this ultimate solution for handling over-sized cargo, open top containers and flat racks.

The OHSIV is available in electric and hydraulic versions and represents a significant advance in terms of reliability and performance. Featuring a redundant energy system with four solar panels, the OHSIV offers uninterrupted charging even in case of damage to a panel. Each twistlock is equipped with two landing pins to provide added security, which need to be activated prior to locking/unlocking.

Customise the OHSIV with the addition of information displays inside the legs, to give you real-time data on battery status, twistlock operation count, operation time and oil pressure. Just see the difference it can make to your operations!

SAFETY EQUIPMENT

SAFETY FIRST MAKES US LAST



01 MULTI PURPOSE SAFETY CAGE

Connection to spreader: Twistlocks and Safety twistlocks

Types: Fixed (20' or 40') or telescopic

Spreader: Any brand



02 SAFETY LASHING GONDOLA

Connection to spreader: Twistlocks and Safety twistlocks

Types: Fixed or moveable

Spreader: Any brand





SAFETY EQUIPMENT REDUCING RISKS AND ACCIDENTS

If containers are not properly secured for transportation, there is a high risk of accidents, including containers potentially falling overboard. This can cause damage to nearby cargo or the ship itself, as well as posing a significant threat to crew safety. Our lashing gondolas and safety cages are the most effective way to secure containers.

This safety equipment is produced with anti-slip flooring to ensure workers are kept safe during container lashing work. Lifeline attachment hooks offer a further layer of safety, giving personnel the required confidence to work at height.

Safety hand railing is provided as standard. Connect a top spreader with twistlocks with ease and benefit from the reliability of our safety equipment.



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