

POWER BEYOND CARGO

The Piggyback spreader is made for handling loaded containers, trailers and swap bodies. With its legs folded upwards the spreader is capable of placing containers in to ship cells. This multifunctional spreader is ideal to work with on Rail Mounted Gantry Cranes. The Piggyback spreader is robust, reliable and enhanced by new technologies to support features like remote condition monitoring and troubleshooting. Use fixed or actuated flippers to guide the spreader onto the container resulting in more container moves per hour.

- CE Certified
- In-house load tested
- Proven in the field
- Fully customizable
- Patented design
- Service programs
- Easy maintenance
- Low total cost of ownership
- Handmade

PASSION FOR PERFECTION

It matters to us that we do things right for you. We focus on safety and efficiency to maximize value for terminal operators and shipping lines. Our expertise lets you worry about operating the quays in the confidence that your spreaders are well taken care of.



AT YOUR SERVICE

Our dedicated specialists travel to your site to troubleshoot your equipment whenever you need them. If you prefer to let your own staff do the work, we can provide a thorough analysis and will support your technicians from afar.



BE A PART OF OUR FAMILY

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.



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Find out more on:

www.stinis.com



PIGGYBACK SPREADERS



www.stinis.com

OVERVIEW



PIGGYBACK SPREADER	
Spreader type	Telescopic 20' - 40' Swap bodies - Trailers
Safe working load	41 t
Spreader control	Hydraulic
WEIGHT	
Tare weight with 4 fixed flippers (exl options):	Approx. 11.000 to 13.000 kg depending on the suspension and options
FLIPPERS	
Number of flippers:	Four (4)
Type of flippers:	Fixed spring controlled flippers, or moveable flippers (optional)
PIGGYBACK LEGS	
Hydraulic damping of legs:	Included in cylinders
Number of hydraulic cylinders per leg:	2
Length of legs:	Approx. 3.600 mm, to be determined at time of order
Centre to centre distance between the legs:	4.876 mm
Time up / down movement:	Approx. 35 sec.
DETAILS REGARDING TELESCOPING	
Telescopic stops:	20 ft - 40 ft. (optional 30 ft - 45ft.)
Telescoping time from 20 to 40ft:	Approx. 14 - 16 sec. (empty)
Time for mechanical blocking of telescopic beams:	Approx. 1 sec.

FEATURES

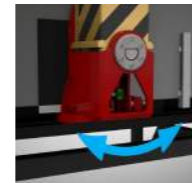


FOLDABLE LEGS

The Piggyback spreader has two (2) hydraulic cylinders on each leg. When the legs are folded up the spreaders can be used as a container spreader for block stacking and can

ADJUSTABLE HINGED FEET

Adjustable hinged feet clamp the load to make sure it is lifted correctly. A spring device makes sure the feet always return to the nominal position. This makes lifting swap bodies and trailers a lot safer.

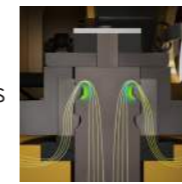


ADJUSTABLE ANGLED FEET

Feet that can rotate in an angle makes grabbing trailers and swap bodies that are tilted easier. A spring device ensures the feet always return to the nominal position

PATENTED TWISTLOCK DESIGN

The twistlock is one of the most critical components of your spreader. Our patented double collar twistlock design provides the longest possible life span for your twistlocks and allows for easy removal of the twistlock nut for non-destructive testing.



LOAD DETECTION SENSORS

A hinged plate at the feet of the Piggy back spreader makes contact with the sensors when it's pushed in. Multiple sensors detect a load to release the spreader for lifting.

AUTOMATIC GREASING SYSTEM

Our automatic greasing system can service up to 50 greasing points on your spreader. The system guarantees consistent spreader performance and less wear and tear. Meaning less down-time and lower maintenance cost.



SERVICE & MAINTENANCE



SPARE PARTS

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.



PIGGYBACK CONFIGURATION



TWIN TWENTY DETECTION SYSTEM (optional)

TTDS is a security system that prevents the spreader from locking onto two containers. The system uses gap sensors to ensure that two containers cannot be mistaken for a single container.



ACTIVE SHOCK ABSORPTION (optional)

Our active shock absorption system reduces noise at your terminal. This enables you to operate 24/7 even if your terminal is in the vicinity of residential areas. Decreased shocks also help increase the lifespan of the spreader.



HEIGHT INDICATION SYSTEM (optional)

The Height Indication System consists of a proximity switch, to measure the distance between the spreader and the top of the container. This system allows you to reduce the landing speed when approaching the container.

FLIPPER CONFIGURATION



SPRING CONTROLLED FLIPPERS

When using the spreader with the legs folded up, spring-controlled flippers can be used for faster positioning on the container. They are easy to use with different width containers.



ACTUATED FLIPPERS (optional)

Our flippers are made of high tensile steel and are driven by cylinder based actuators. Stinis flippers have proven to be ultra-powerful when guiding the spreader onto the container resulting in more container moves per hour.