

# SHIP TO SHORE CRANES PRODUCTS



This platform is built for the most environmentally challenging segment within container handling. With a robust yet simple design, and carefully selected components, this single lift spreader is purpose-built for the harsh environment of ship-to-shore operations. It is designed to handle containers sized from 20 to 45 feet with ISO twistlocks.

- Single Hydraulic STS (SHS & SHS+)
- Twin Hydraulic STS (THS & THS+)
- Twin Expandable Hydraulic STS (TEHS+)

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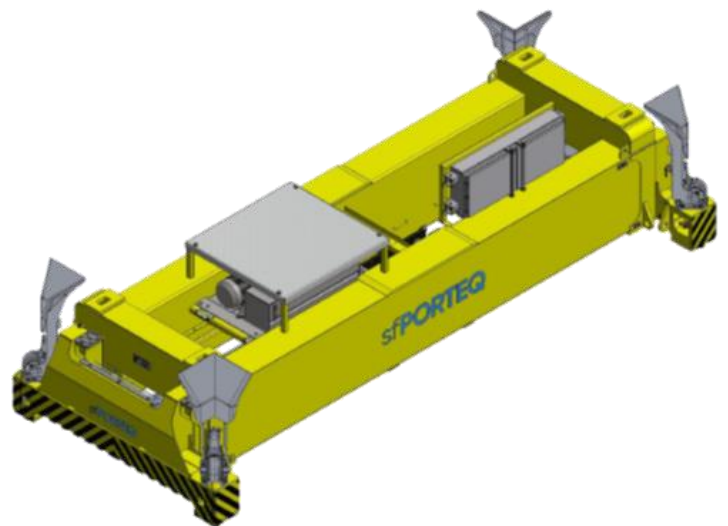
We combine over 150 years of experience in container handling, with the newest innovations, high quality products and a committed approach to sustainable solutions.

**Designed in Sweden. Manufactured in Europe.**  
**Trusted worldwide.**

**sfPORTEQ**

## Single Hydraulic STS SHS & SHS+

- The STS spreaders from sfPORTEQ's second platform for heavy duty are the SHS and SHS+.
- This platform is built for the most environmentally challenging segment within container handling, the ship to shore spreaders.
- Through a robust yet simple design and carefully selected components, this single lift spreader is purpose built for the harsh environment of the ship to shore operations.
- It is designed to handle containers sized from 20 to 45 feet with ISO twistlocks.
- The SHS and SHS+ is the electric hydraulic work horse, based on proven technology, required when high availability, simplicity and maintenance friendly solutions are focused upon.



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# Single Hydraulic STS SHS & SHS+

## Key Features

- High lifting capacity
- Low tare weight
- Low power consumption for a hydraulic unit
- Open access to service points
- Vulnerable parts protected by the structure
- Twistlock system without mechanical or sensor adjustment requirements
- Fewer components, in particular bolted parts

Specifications	SHS	SHS+
Lifting capacity in accordance with EN 13001 evenly loaded	55 T	55 T
< 10% eccentric	55 T	55 T
Tare weight	8.2 T	9.0 T
Twistlock rotation time	< 1 s	< 1 s
Telescopic time 20 to 40 ft	22 s	22 s
Telescopic time 20 to 45 ft	N/A	27 s
Flipper time for 180 deg	4 – 6 s	4 – 6 s
Flipper torque	5500 Nm	5500 Nm
Power consumption	< 5.5 kW	< 5.5 kW
Main voltage	Default 400 VAC or per request	Default 400 VAC or per request
Main voltage frequency	50 Hz or per request	50 Hz or per request
Internal	Default 24 VDC	Default 24 VDC
Crane interface	Per request	Per request

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