

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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[CONTACT US TO DISCUSS YOUR REQUIREMENTS](mailto:customersupport@sfporteq.com)

Email: customersupport@sfporteq.com



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

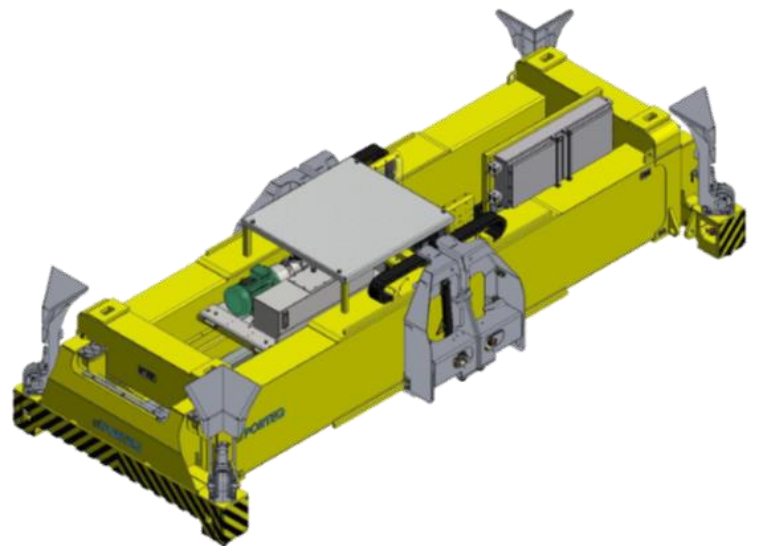
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Trusted worldwide.

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Twin Expandable Hydraulic STS TEHS+

- The twin expandable spreaders from sfPORTEQ's second platform for heavy duty is the TEHS+.
- 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 twin 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 and 2 x 20 feet with ISO twistlocks with the separating feature with 1600mm.
- The TEHS+ is an electric hydraulic work horse, based on proven technology, required when high availability, simplicity and maintenance friendly solutions are focused upon.



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Twin Expandable Hydraulic STS

TEHS+

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
- Simple latching system for twin telescope

Specifications	TEHS+
Lifting capacity in accordance with EN 13001 evenly loaded	55 T
< 10% eccentric	55 T
Twin lift	2 x 35 T
Tare weight	10.8 T
Twistlock rotation time	< 1 s
Telescopic time 20 to 40 ft	22 s
Telescopic time 20 to 45 ft	27 s
Flipper time for 180 deg	4 – 6 s
Flipper torque	5500 Nm
Power consumption	< 7.5 kW
Main voltage	Default 400 VAC or per request
Main voltage frequency	50 Hz or per request
Internal	Default 24 VDC
Crane interface	Per request

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