



The picture shown is for illustration purpose and may not correspond to the final design

20' 40' * 45' 2 x 20'

Container combinations with STR40/STR45 (*only STR45)

STR40/45 TWIN-LIFT

Hydraulic spreaders

- ➔ **LIFT WITHOUT CHANGING THE SPREADER** One or two 20', one 40' or one 45' container.
- ➔ **ADVANCED COMMUNICATIONS SYSTEM** reduces downtime considerably.
- ➔ **FAST TROUBLE SHOOTING**

TECHNICAL DATA STR40/45

LIFTING CAPACITY

51 metric tons, ±10% ecc. load
51 metric tons, evenly loaded
2 x 32.5 metric tons, evenly loaded

LIFTING LUGS

4 x 10 metric tons in main frame and end beams

WEIGHT

STR40: About 9.9 metric tons (without extra equipment)
STR45: About 11 metric tons (without extra equipment))

TELESCOPIC MOTION

STR40: 20'–40' in approx. 28 sec.
STR45: 20'–45' in approx. 30 sec.

FLIPPER ARM SPEED

180° in 3 to 5 sec.

TWISTLOCK ROTATION

90° in approx. 1.5 sec.

HYDRAULICS

System pressure 100 bar

TWINLIFT UNIT UP/DOWN

Approx. 8 sec.

POWER SUPPLY

400/230 V AC 50 Hz or otherwise as agreed

MAX POWER CONSUMPTION

7.5 kW

CONTROL SYSTEM

SCS - Modular

CONTROL VOLTAGE

24VDC

The STR40 and STR45 twin-lift can lift one or two 20 foot containers, a single 40 foot container or a 45 foot container – all without changing the spreader.

The telescopic spreader is of a rectangular frame construction enabling easy location on containers. The spreader is as standard equipped with 4 x 10 metric tons lifting lugs in the corners of the end beams for heavy lifts and for handling damaged containers.

The spreader can retract to the 19 foot–6 inch position in case it becomes jammed in the ship's 20 foot cell. The design with recessed end beams makes handling of lashing frames and hatch covers possible. All motions of the spreader are controlled from the driver's cab and there are provisions made for signals in the cab indicating the position of the twistlocks and landing pin status.

Made of high quality steel, the standard STR40 and STR45 spreader provides high lifting capacity with a low nominal tare weight thanks to the box design of the telescoping beams and the main frame. The spreader is designed in accordance with EN13001. All components can be easily assembled, adjusted, removed and are accessible for inspection and maintenance.

The spreader comes with the SCS-Modular, reducing and preventing downtime through improvements in the area of electrical connections. It will also shorten downtime through faster spreader fault diagnostics.