



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

20' 40' \*45' 2 x 20'

Container combinations with STR40E/ STR45E (\*only STR45E)

# STR40E/45E TWIN-LIFT

## All-Electric

### → PROVEN DESIGN

The Bromma STR40E/45E is based on the proven design of Bromma spreaders in service throughout the world.

### → LOWER ENERGY CONSUMPTION → REDUCED SPREADER MAINTENANCE

requirements, due to the elimination of hydraulics.

### → SIMPLER - LESS SETTINGS & FEWER SENSORS → TWIN-LIFT SHIP-TO-SHORE SPREADERS

are the most popular products in the Bromma product line, due to their higher productivity and versatility

*The twin-lift spreader enables significant improvement in productivity. Plus, these spreaders can be retracted to the 19'6" position in the event the spreader becomes jammed in the ship's twenty foot cell. Positioning to the 19'6" position can be controlled by the operator if appropriate controls are furnished in the crane cab.*

*The control and communications capabilities of Bromma all-electric twin-lift are unsurpassed. Bromma SCS-Modular control system, including a distributed I/O-system, dramatically reduces wired terminal points, while giving terminals advanced functionality, such as on-line sensor adjustments, and communications capability, such as transmission of spreader events, logs and alarms.*

*Finally, Bromma is uncompromising in its selection of components and materials. Materials selected on the basis of its strength, weldability and formability.*

### TECHINAL DATA STR40E/45E

#### LIFTING CAPACITY

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

#### LIFTING LUGS

4x10 metric tons in the main frame and end beams

#### WEIGHT

STR40E: About 9.8 metric tons (without extra equipment)  
STR45E: About 11.3 metric tons (without extra equipment)

#### TELESCOPIC MOTION

STR40E: 20'-40' in approx. 28 sec.  
STR45E: 20 - 45' in approx. 30 sec.

#### FLIPPER ARM SPEED

180° in approx. 5 sec.

#### TWISTLOCK ROTATION

90° in approx. 1 sec.

#### TWINLIFT UNIT UP/DOWN

Approx. 6 sec.

#### POWER SUPPLY

400/230 VAC 50 Hz or otherwise as agreed

#### MAX POWER CONSUMPTION

7.5 kW

#### CONTROL SYSTEM

SCS - Modular

#### CONTROL VOLTAGE

24VDC