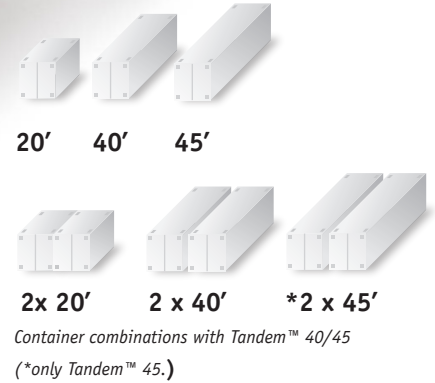


The picture shown is for illustration purpose and may not correspond to the final design



# TANDEM™ 40/45

## → THE TANDEM™ 40/45 SPREADER

is able to twin-lift two 20', 40' or 45' containers without the need, as in the Tandem™ fixed-length version, for changeout.

## → THIS IS A PROVEN SPREADER DESIGN

field-tested in high throughput European and Asian terminals.

## → THE TANDEM™ HEADBLOCK

is necessary for the efficient handling of the Tandem™ spreader line.

The Tandem™ 40/45 spreader is based on proven Bromma spreader design, as it uses the SSX40/45 spreader as its standard base. A terminal planning to utilize the full 70 metric tons capacity under the spreader will need crane capacity of approximately 100 metric tons in the ropes.

As such, the Tandem™ 40/45 can be used without restriction on many last-generation container cranes already in service today. Customers who handle very few 45' containers may wish to consider the 40' version of the Tandem™ 40/45. This will save approximately 2 metric tons in spreader weight.

## TECHINAL DATA Tandem™ 40/45

### LIFTING CAPACITY

2 x 41 metric tons

### MAX POWER CONSUMPTION

15 kW

### WEIGHT

TANDEM™ 40: About 20.5 metric tons (without extra equipment)

TANDEM™ 45: About 22.1 metric tons (without extra equipment)

### SKEWING

±20 degrees

### SKEWING SPEED

1 degree in 2 sec.

### TELESCOPIC MOTION

TANDEM™ 40 : 20'-40' in approx. 28 sec

TANDEM™ 45: 20'-45' in approx. 30 sec.

### TANDEM SEPARATING SPEED

1000 mm in 10 sec.

### POWER SUPPLY

400/230 VAC 50 Hz or otherwise as agreed

### CONTROL SYSTEM

SCS - Modular

### CONTROL VOLTAGE

24VDC

### FLIPPER ARM SPEED

180° in 3 to 5 sec.

### CONTAINER HEIGHT DIFFERENCE

(Loading/ Unloading)  
2'/660 mm

### TWISTLOCK ROTATION

90° in approx. 1 sec.

### HYDRAULICS

System pressure 140 bar