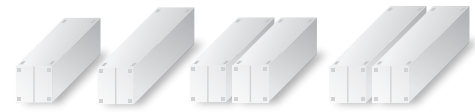


The picture shown is for illustration purpose and may not correspond to the final design



40' 45' 2 x 40' 2 x 45'

Container combinations with Tandem™ E3

TANDEM™ E3

TECHINAL DATA Tandem™ E3

LIFTING CAPACITY

2 x 41 metric tons

WEIGHT

About 21 metric tons
(without extra equipment)

TELESCOPIC MOTION

40'-45' in approx. 18-20 sec

FLIPPER ARM SPEED

180° in 3 to 5 sec.

TWISTLOCK ROTATION

90° in approx. 1 sec.

HYDRAULICS

System pressure 140 bar

MAX POWER CONSUMPTION

15 kW

SKEWING

±20 degrees

SKEWING SPEED

1 degree in 2 sec.

TANDEM SEPARATING SPEED

1000 mm in 10 sec.

CONTROL SYSTEM

SCS - Modular

CONTROL VOLTAGE

24VDC

CONTAINER HEIGHT DIFFERENCE

(Loading/ Unloading)
2'/660 mm

The Bromma Tandem™ E3 spreader offers great capacity and flexibility. Low spreader weight is combined with the ability to lift different combinations of 40 or 45 foot containers side by side as shown below. The spreader can also lift single 40 and 45 foot containers.

The Tandem™ E3 spreader also offers another advantage: the capability to do side shift on individual spreaders, which is useful when the chassis or containers on the ground are not fully lined up in the longitudinal direction. The limitation on the E3 is that it cannot lift 20 foot containers. Due to this limitation, the Tandem™ E3 is especially well-suited for container terminals that have a high percentage of 40 and 45 foot containers, and a low percentage of 20 foot containers.