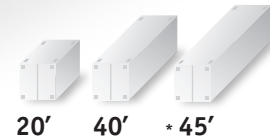


The picture shown is for illustration purpose and may not correspond to the final design



Container combinations with SSX40/SSX45 (*only SSX45)

SSX40/45 SINGLE-LIFT

Hydraulic spreaders

→ EXPERIENCE MEANS LOW DOWNTIME

at some terminals Bromma spreader availability exceeds 99%.

→ DESIGNED FOR HIGHER THROUGHPUT

environments and for service on high-speed cranes.

→ HIGH RELIABILITY

allows for a lower spreader spare ratio in the terminal fleet.

Bromma single-lift SSX40/45 spreaders are known throughout the world for exceptional strength, reliability, and long life. Bromma achieves superior structural strength through strategic engineering tools, such as finite element modeling, which analyzes stress points on the spreader and projects the likely effect of accumulated stress over time.

Floating ISO twistlocks allow for 6mm of float in all lateral directions, providing efficient locating in the container corner castings. The contact surfaces between the main frame and the telescoping beams consist of grease-lubricated low-friction plates. These spreaders have the ability to retract 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. Bromma advanced performance technology, such as SCS-Modular, Twin-Twenty Detection System (TTDS) (an excellent safety feature), and the Height Indication System (HIS) are available as options.

TECHINAL DATA SSX40/45

LIFTING CAPACITY

41 metric tons, ±10% ecc. load
41 metric tons, evenly loaded

LIFTING LUGS

4 x 10 metric tons in main frame and end beams

WEIGHT

SSX40: About 8.7 metric tons (without extra equipment)
SSX45: About 9.6 metric tons (without extra equipment)

TELESCOPIC MOTION

SSX40: 20'–40' in approx. 28 sec.
SSX45: 20'–45' in approx. 30 sec.

FLIPPER ARM SPEED

180° in 3 to 5 sec.

TWISTLOCK ROTATION

90° in approx. 1 sec.

HYDRAULICS

System pressure 100 bar

POWER SUPPLY

400/230 V AC 50 Hz or otherwise as agreed

MAX POWER CONSUMPTION

7.5 kW

CONTROL SYSTEM

Relay controlled (SCS - Modular available as an option)

CONTROL VOLTAGE

24VDC