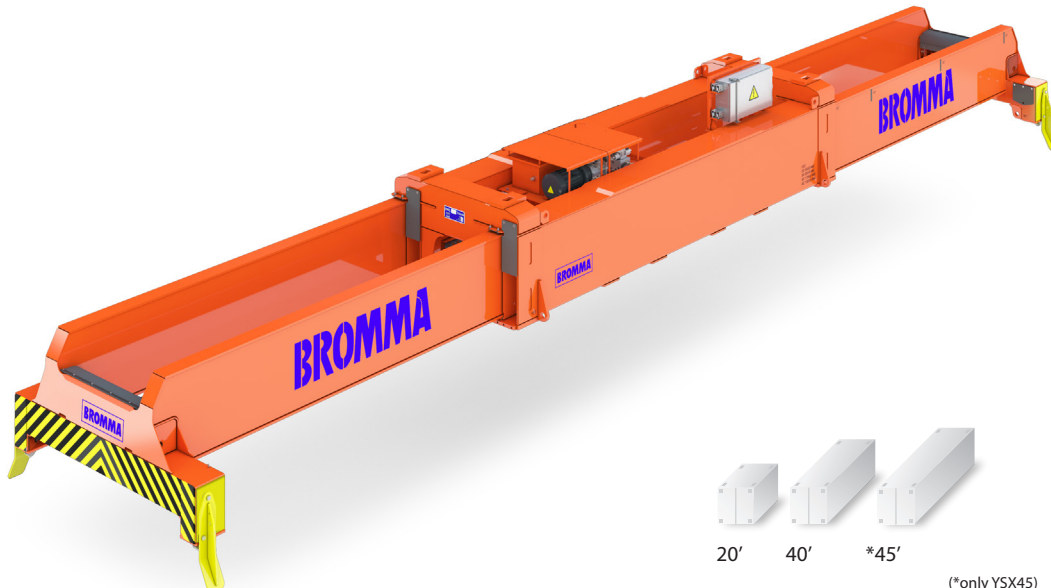


YSX40/YSX45 YARD CRANE SPREADER



20' 40' *45'
(*only YSX45)
Container combinations with YSX40/YSX45

- » HIGH LIFTING CAPACITY
- » RECESSED END BEAMS

- » BOLTED SIDE GUIDES
- » ROBUST AND WELL PROVEN DESIGN
- » LONG ECONOMIC LIFE

- » DESIGNED IN accordance with EN13001

The Bromma YSX40 and YSX45 are yard crane spreaders with mechanical structure calculated for 2 million cycles. The spreaders can adjust their length to lift 20', 40' and *45 foot containers using ISO floating twistlocks.

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

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. Control valves for twistlock and guide arms are mounted on the end beams, in order to simplify maintenance and to minimize the number of hydraulic hoses in the cable chain system.

The electrical components and the cable chain system are well protected inside the main frame. The hydraulic power pack is entirely enclosed within the main frame to ensure maximum protection. The complete hydraulic unit is shock mounted in one sturdy frame with protective covers.

Made of high quality steel, the standard YSX40 and YSX45 yard spreader provides high lifting capacity with a low nominal tare weight thanks to the box design of the telescoping arms 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.

Technical Data YSX40/YSX45

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|--|---|--|--|
| » LIFTING CAPACITY
(According to EN13001)
One container 41 metric tons,
±10% eccentric load | » TELESCOPIC MOTION
YSX40: 20' – 40' in approx. 28 sec.
YSX45: 20' – 45' in approx. 30 sec. | » HYDRAULICS
System pressure 100 bar
Piston pump pressure compensated | » CONTROL VOLTAGE
24 VDC |
| » LIFTING LUGS
4 x 10 metric tons in end beams | » GUIDE ARMS
Fixed
(Flippers are available as option) | » POWER SUPPLY
400/230 VAC 50 Hz or otherwise
as agreed | » ELECTRICAL CABINET
Stainless steel IP66 |
| » WEIGHT
YSX40: About 7.6 metric tons
(without extra equipment)
YSX45: About 9.4 metric tons
(without extra equipment) | » TWISTLOCK ROTATION
90° in approx. 1 sec. | » MAX POWER CONSUMPTION
7.5 kW | » SURFACE CONDITIONING
Sand-blasted SA 2.5
50-90um 2-component zinc epoxy
100um 2-component MIO
pigmented
70um polyurethane |
| | | » CONTROL SYSTEM
Relay controlled
(SCS-Modular available as an option) | |