

YSX40E/YSX45E ALL ELECTRIC YARD CRANE SPREADER



- » 90 % REDUCTION of power consumption (compared to a hydraulic spreader).
- » HIGH RELIABILITY with all-electric.

- » RECESSED END BEAMS
- » SILENT AND ENVIRONMENTAL FRIENDLY
- » DURABLE AND STRONG despite low weight.

- » EASY TO MAINTAIN and long service intervals.
- » DESIGNED IN accordance with EN13001.

Bromma telescopic spreaders, YSX40E and YSX45E for yard cranes, are spreaders calculated for two million cycles. The spreaders are as standard equipped with 4 x 10 metric tons lifting lugs in the corners of the end beams for heavy lifts and for handling damaged containers.

The spreaders consists of a rectangular frame construction enabling easy location on containers. The spreaders can adjust their length to lift 20', 40' and *45 foot containers using ISO floating twistlocks.

The all-electric spreader reduces power consumption to approximately 1/10 of a comparable hydraulic spreader. The electrical motors only consume electricity when an operation is performed. The electrical equipment and the cable chain system are well protected in the main frame.

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.

Made of high quality steel, the YSX40E and YSX45E spreaders provides high lifting capacity with a low nominal tare weight thanks to the box design of the telescoping arms and the main frame. The spreaders are designed in accordance with EN13001. All components can be easily assembled, adjusted, removed and are accessible for inspection and maintenance.

YSX40E and YSX45E are silent and price worthy alternative for most applications, particularly in environmentally sensitive terminals.

Technical Data YSX40E/YSX45E

» LIFTING CAPACITY (According to EN13001) One container 41 metric tons, ± 10% eccentric load	» TELESCOPIC MOTION YSX40E: 20' to 40' in approx. 25 sec. YSX45E: 20' to 45' in approx. 30 sec.	» MAX POWER CONSUMPTION 0-3.0 kW	» ELECTRICAL CABINET Stainless steel IP66
» LIFTING LUGS 4 x 10 metric tons in end beams	» GUIDE ARMS Fixed (Flippers are available as option)	» CONTROL SYSTEM Relay controlled (SCS-Modular available as an option)	» SURFACE CONDITIONING Sand-blasted SA 2.5 50-90um 2-component zinc epoxy 100um 2-component MIO pigmented 70um polyurethane
» HOISTING SPEED Max 1 m/s	» TWISTLOCK ROTATION 90° in approx. 1 sec.	» CONTROL VOLTAGE 24 V DC	
» WEIGHT YSX40E: About 5.7 metric tons (without extra equipment) YSX45E: About 6.4 metric tons (without extra equipment)	» POWER SUPPLY 400/230 V AC 50 Hz or otherwise as agreed	» INSTALLED POWER Telescopic system 3.0 kW Twistlock system 2 x 0.37 kW Total on spreader 3,75 kW	