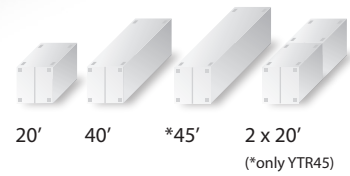
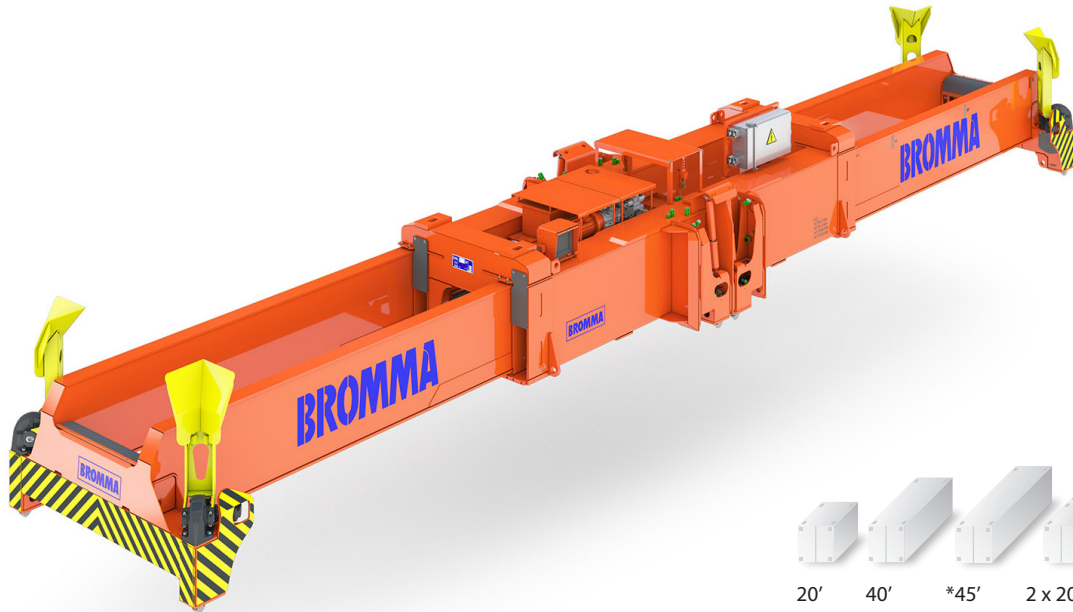


YTR40/YTR45 TWINLIFT YARD CRANE SPREADER



20' 40' *45' 2 x 20'
(*only YTR45)
Container combinations with YTR40/YTR45

- » TWINLIFT CAPABILITY
- » HIGH LIFTING CAPACITY
- » RECESSED END BEAMS

- » ROBUST AND WELL PROVEN DESIGN
- » LONG ECONOMIC LIFE

- » DESIGNED IN accordance with EN13001.

The Bromma YTR40 and YTR45 are heavy-duty yard crane spreaders with mechanical structure calculated for 2 million cycles. They are designed for twinlift capability and can handle two 20 foot containers at the same time or one 40 or one 45 foot container. The design is well proven.

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 YTR40 and YTR45 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 YTR40/YTR45

» LIFTING CAPACITY

(According to EN13001)
One container 51 metric tons,
±10% eccentric load
Twinlift of two 20' containers
2 x 32.5 metric tons evenly loaded

» LIFTING LUGS

4 x 10 metric tons in the main frame
and end beams

» WEIGHT

YTR40: About 9.1 metric tons
(without extra equipment)
YTR45: About 10.6 metric tons
(without extra equipment)

» TELESCOPIC MOTION

YTR40: 20' to 40' in approx. 28 sec.
YTR45: 20' to 45' in approx. 30 sec.

» GUIDE ARMS

Fixed
(Flippers are available as option)

» TWISTLOCK ROTATION

90° in approx. 1.5 sec.

» TWINLIFT UNIT UP/DOWN

Approx. 8 sec.

» HYDRAULICS

System pressure 100 bar
Piston pump pressure compensated

» 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

24 VDC

» ELECTRICAL CABINET

Stainless steel IP66

» SURFACE CONDITIONING

Sand-blasted SA 2.5
50-90um 2-component zinc epoxy
100um 2-component MIO
pigmented
70um polyurethane