Semi-Automatic spreaders are fixed to the hooks of gantry, bridge and portal cranes. Twist lock control is carried out mechanically by means of special rope pulling. Hooking/ Unhooking is carried out without help of crane workers.
Simplicity and convenience of spreader installation allow converting from hook crane into containers crane in a short time.

There is no necessity to arrange power supply for the spreader and to update the crane control circuit.

Pronk Multiservice provides container spreader (semi-automatic) 20ft and 40ft on sale or rental basis.
<table>
<thead>
<tr>
<th>Denomination</th>
<th>Test Load (TL) (Tensions kN)</th>
<th>Safe Working Load (SWL) (Tensions kN)</th>
<th>Working Length max</th>
<th>Max Spread angle</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 ft</td>
<td>429</td>
<td>320</td>
<td>20 ft</td>
<td>90</td>
<td>1400</td>
</tr>
</tbody>
</table>

**PRONK MULTISERVICE**

**FORKLIFTCENTER**
Semi-Automatic Container Spreader – 40’ft
<table>
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<tr>
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<tbody>
<tr>
<td>40 ft</td>
<td>512</td>
<td>400</td>
<td>40 ft</td>
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<td>2200</td>
</tr>
</tbody>
</table>
## Container Spreader – Semi Automatic 20ft & 40ft

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</tbody>
</table>
Spreader Handling

Ensure that the spreader is level with the container before lowering.

If the spreader is not leveling with the container, only one twist-lock may engage the corner casting as illustrated.

This may cause damage to the twist-lock guide and in worst case also damage the twist-lock.
Semi-Automatic Container Spreader – Operation Manual

Specifications:
Classification: All items are approved by major classification societies
Materials: Forged & structural steel
Finish: Primer
Remark: Other dimensions, materials and finish upon request

<table>
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<th>MODEL NO.</th>
<th>S.W.L</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>LA-40</td>
<td></td>
<td>42T</td>
</tr>
</tbody>
</table>

ATTENTION:
During first lifting, the operation wire must be in the top position

OPERATION MANUAL
Position 1: 
OPERATION START

- Wires are loose
- Twist-locks are in longitudinal position: OPEN
- Triangle is in OPEN position

The spreader is ready to be moved to the desired place.
Position 2a: crane starts elevation

Position 2b: spreader sets down on the container

Position 2b: BEFORE LIFTING
- Wires are loose
- Twist-locks are in longitudinal position: OPEN
- Triangle is in OPEN position
Position 3:
CRANE STARTS
ELEVATION SPREADER
CLOSES THE CONES

- Wires are tight
- Twist-locks rotates to
TRANSVERSAL
position: LOCKED
- Triangle is in CLOSED
position

The container is secured and ready to be handled to be the desired place.
Position 4: CRANE FINISH ELEVATION SPREADER OPENS THE CONES TO RELEASE THE CONTAINER

- Wires are loose
- Twist-locks rotates back to the initial position: OPEN
- Triangle is back to the OPEN position

The container has been safely left in the desired location.