**MODEL 8215**

FOR LADEN CONTAINER HANDLING WITH RAIL MOUNTED OR RUBBER TYRED GANTRY CRANES

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**Standard supply includes:**
- Mounting arrangement to fit crane
- Mechanical Pile Slope (MPS)
- Four pendular ISO twistlocks
- Lifting eyes near twistlocks
- Hydraulic telescoping
- Solenoid valves for all hydraulic functions
- Electrical and mechanical twistlock protection and indication system
- Electric telescoping protection system
- Lift interrupt signal
- LED-indication lights

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**Spreader Model 8215** is a telescopic top spreader for handling of laden ISO containers up to 41 tonnes. 8215 is designed for mounting on Rail Mounted (RMG) or Rubber Tyred Gantry (RTG) cranes.

The strong and basic concept offers distinct advantages, such as two parallel telescopic beams, assuring max overlap. The beam sections are dimensioned to absorb not only the vertical, but also the very considerable horizontal forces.

**HYDRAULIC SYSTEM**
Double electric motors and pump assemblies assure simultaneous telescoping of both beams. The spreader can be operated with one electric motor and pump.

**CONTROL AND PROTECTION SYSTEM**
The control voltage on the spreader is always converted to 24V DC for safety and reliability. Electrical systems monitor the state of the spreader at all times. Indicator lights advise the operator when the spreader is correctly seated, locked or not locked. Each signal is a precondition for the important protection functions of the spreader, such as twistlock activation, telescoping and lift interrupt.
MODEL 8215

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Type of application</th>
<th>RTG, RMG</th>
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</thead>
<tbody>
<tr>
<td>Spreader weight (TW)</td>
<td>8,900 kgs without extra equipment</td>
</tr>
<tr>
<td>Lifting capacity (SWL), spreader</td>
<td>41 tonnes ± 10 % eccentric load</td>
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<tr>
<td>Lifting capacity (SWL), lifting eyes</td>
<td>4 x 10 tonnes</td>
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<tr>
<td>Twistlock</td>
<td>ISO pendular 20 mm</td>
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<tr>
<td>Telescopic positions</td>
<td>20ft, 40ft and 45ft</td>
</tr>
<tr>
<td>Telescoping speed from 20-45ft</td>
<td>&lt; 32 sec.*</td>
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<tr>
<td>Hydraulics, operating pressure up to</td>
<td>140 bar</td>
</tr>
<tr>
<td>Hydraulics, flow / tank volume</td>
<td>46 L/min (2x23) / 90 L</td>
</tr>
<tr>
<td>Power supply</td>
<td>400 VAC/50 Hz</td>
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<tr>
<td>Electrical motors</td>
<td>2 x 4 kW</td>
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<tr>
<td>Electric - control voltage</td>
<td>24 VDC</td>
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<tr>
<td>Colour</td>
<td>Signal yellow RAL 1003</td>
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<tr>
<td>Paint thickness</td>
<td>220 µ</td>
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</tbody>
</table>

* Calculated speed at 20° C

All specifications are subject to change without notice. A list of options enables you to adapt the product more precisely to your needs and further information is available on request.

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