

2007



Auto-ok<sup>®</sup>  
**SPREADER**  
automatic pulp lift

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automatic pulp lift

Fully automatic Lifting Equipment  
for Market Pulp.



Auto-ok<sup>®</sup> Spreader, is an automatic pulp lift which increase and insure your handling of pulp units from producer to customer.

Auto-ok<sup>®</sup>  
**SPREADER**  
automatic pulp lift

- Offers safe, very fast, economical and environmental vessel loading and unloading.
- Protects the wrapper from damages and contamination during the handling.



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## HYDRAULIC CRAWLER CRANES DOCKSIDE CRANES

Port of Utansjö, Sweden  
Port of Husum, Sweden



Auto-ok®4 (4 x 2000 kg).

Port of Tofte, Norway  
Port of Rauma, Finland



Auto-ok®6 (6 x 2000 kg).



Auto-ok®4 in the hold.



Auto-ok®6 in the hold.



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## MARITIME CRANES SHIP CRANES

Auto ok<sup>®</sup>8 (8 x 2000 kg)

Port of Vallvik, Sweden  
Port of Norrsundet, Sweden



**SHIP CRANES**



**SHIP CRANES**

Ship crane in operation with Auto-ok<sup>®</sup>8.

Gantry cranes with Auto-ok<sup>®</sup>8.



**SHIP CRANES**



**SHIP CRANES**

2 x ship cranes in operation with  
2 x Auto-ok<sup>®</sup>8 in a ship.

Simultaneous loading and unloading of pulp  
with 2 ship cranes and 2 x Auto-ok<sup>®</sup>8.

Load capacity of a vessel depends on how  
fast You can feed Auto-ok<sup>®</sup> Spreader.



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Recommendations:

**FOR OPTIMIZING THE HANDLING**

To protect the units and cover from damages and contamination during the handling.

For optimizing the handling of the units, attach in the balepress a recess plate to produce a recess in the pulp balepress.



**THE UNITIZING WIRES**

Do not tension the Unitizing wires to tight. The correct tension shall give an angle at the first hook-up of 45° between wires and wrapping to optimize the numbers of hook-ups not interfere the tension strength of the Unitizing wires.

**THE GRIP**

What ever used manual, semi automatic, or fully automatic handling, needs a grip. The recess and correct tensioned Unitizing wires makes it easy and You are saved from damaged covers.

This information is based on an investigation how Market Pulp is loaded in ports in Scandinavia.

How is the Market Pulp taken care of when unloaded in ports of destination?

How is the Market Pulp loaded and unloaded via Barges? Auto-ok<sup>®</sup> protect the units from damages and contamination.



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