



EGG GRADING AND PACKING MACHINES



FIXED DISPLAY SLEEVE

- Patent pending -

Introduction

The Moba MR 20 and MR 30, together with the DL 10 displayloader are all capable to load different types of “open end transport packs” such as Container pallets, Düsseldorfers and Shippers.

Because they are all capable to stack ‘into free air’, it is also possible to first make the stack and when this ‘tower’ of packs is completed, a special cardboard sleeve can be added, making the most cost-effective display that you can imagine.

Rough transportation however was occasionally a matter of concern: the stack could too easily become separated from the pallet. Despite the fact that the original idea for a display ‘sleeve’ was intended to be combined with automated display loading, it was soon used for manual packing as well, which raised the demand for more stability of the display even more.



The main reason for the lack of stability was that there wasn't enough integration between the 'tower' of consumer packs and the actual pallet.

Soon solutions were found in for example strapping devices that could be integrated in the full pallet transport system. Unfortunately there were also some downsides to this solution such as:

- Higher cost for final packaging
- Introduction of a 3rd material, being the actual strap besides standard pallets and cardboard sleeves.

As from now Moba is able to offer the possibility to create a sleeve that combines the strong points of the originally developed sleeve with the stability that normally can only be obtained by means of a strapping device: *the fixed pallet display sleeve.*



The fixed display sleeve

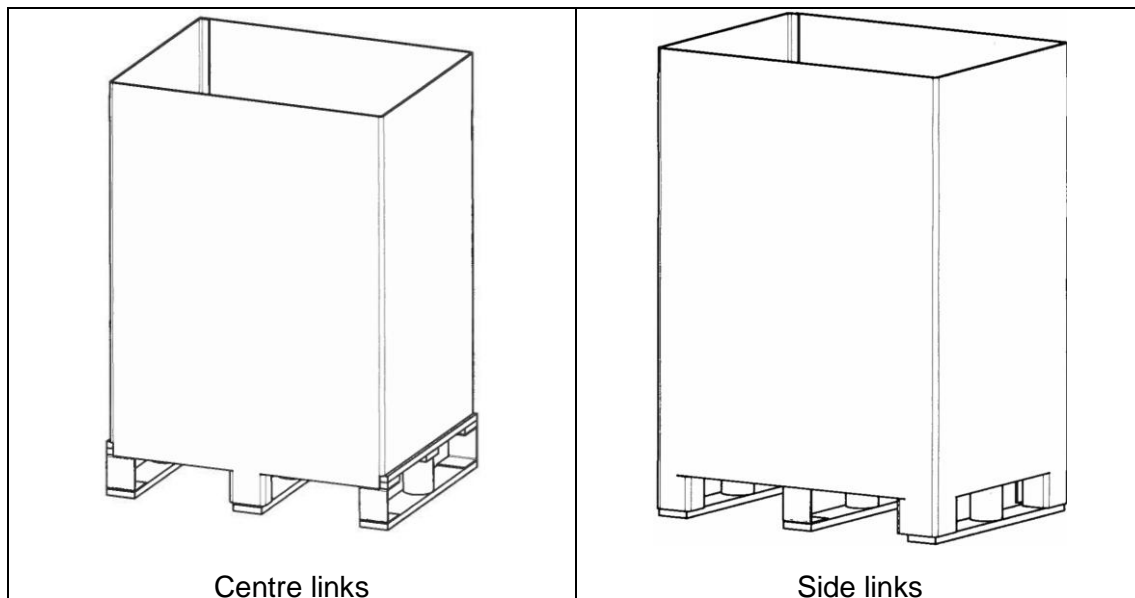
The application of the new style sleeve over the stacks of consumer packs does not differ much from the original procedure as used briefly after the introduction of the DL10 some years ago. After the completed display pallet has been moved onto the full pallet conveyor, the sleeve will be manually put over the product *as well as over the pallet*. The part of the sleeve that goes over the pallet then will be folded around the spacers of the actual pallet, thus creating a stable link between the stacked product and the actual pallet. This unique feature makes that this new style sleeve adds enough stability to pallet and stack, so any further fixation of the stack to the pallet becomes redundant.

Apart from sufficient stability there are some extra advantages to this sleeve:

- The sleeve can be manufactured in a way to completely hide the pallet, thus creating a better look.
- Even if only a handful of consumer packs are left in the display in the supermarket, the sleeve stays in place and cannot slide off.
- Rest material consists of a re-usable pallet and recyclable cardboard. No residual plastics that have to be carried off.

Specification

Application:	To be used in combination with pallets.
Configurations	<ul style="list-style-type: none">• Stability created by centre links;• Stability created by side links;• A combination of above configurations in order to completely hide the pallet as well.



On request, Moba can offer more detailed information regarding the fixed pallet sleeve.