



Case study

mobile lifting aid ezzLIFTmaster

overview	
industry/area	food industry
product	foil rolls
weight	up to 100 kg
solution	mobile lifting aid ezzLIFTmaster500
application	loading of packaging machines

description of the handling application:

When loading packaging machines, at least two packaging materials are required: the bottom film, which may be thermoformed, and the top film. These are either placed laterally from rolls on permanently installed mandrels, or fitted with a mandrel and placed in the fork-shaped loading device of the packaging machine.



solution through Best Handling Technology:

The rolls are stored in a narrow aisle on Euro pallets standing lengthways. It is therefore not possible to drive into the pallet with the trolley. The roll gripper is designed in such a way that it can be swiveled 90° to the side to pick up the rolls. The chassis is equipped with additional weights so that the ezzLIFT stands securely when picking up the load from the side. For reasons of hygiene, the wrapped rolls should be gripped in an upright position and then rotated 90° to the horizontal. The packaging of the rolls is only opened at the side and the mandrel inserted immediately before they are placed in the packaging machine. The packaging machine has a film feed very close to the floor. After inserting the roll of film, there is only a few cm of space under the roll. Therefore the gripper was built in such a way that one side (which is rotated downwards) is very flat and the other side can be opened and closed with an electric linear drive.

decisive advantages for the customer:

security: Safety devices are installed to prevent accidental loosening.

productivity: Defined delivery point for rolls: No pallets or lift trucks are used in the packaging line area. Flexible use of the lifting aid for all required rolls.

ergonomics: Loading the packaging machine with rolls without any effort, even in high and low places.