



# Case study

## vacuum lifter **ezzFAST** rail system **ezzLINK**rail

overview	
industry / area	plastics industry
product	bags of paper and plastic
weight	25 kg
solution	vacuum lifter <b>ezzFAST</b> with rail system <b>ezzLINK</b> rail
application	pick up the sacks from the pallet and move them to the point of consumption

### **description of the handling application:**

Sacks with additives for the production of plastic films are provided on pallets and must be emptied into filling funnels. The filling funnels are not accessible for industrial trucks, so the sacks have to be moved individually up to 16 m. This manual work is to be taken over by a handling system. Lifting height: 230 mm to 2 m.

### **solution through Best Handling Technology:**

A vacuum lifter is first guided on a rail centrally over the pallet storage spaces, bypasses obstacles with arches and enables emptying into the various filling hoppers. The suspension allows a lateral deflection of 250 mm on each side, so the bags can be picked up without effort. The control of the vacuum lifter is designed in such a way that it always remains at the height that the operator is approaching. This makes it easy to walk through the obstacles in the narrow aisle between the pallet spaces and the filling hoppers.



### **decisive advantages for the customer:**

**safety:** Safety devices with load sensor and vacuum monitoring are integrated.

**productivity:** The simple operation, the high lifting and lowering speed and the ease of movement of the knuckle boom crane enable an optimal working speed. Thanks to the flexibility of the gripper, there is no need to change tools despite the large variety of products.

**ergonomics:** Despite the large lifting height range, the operator does not have to reach too high or too deep. He can easily operate all controls without letting go of the twist grip control device.

