

# Case study

## knuckle boom crane **ezzLINK**eco with balancer **ezzFLOW**smart

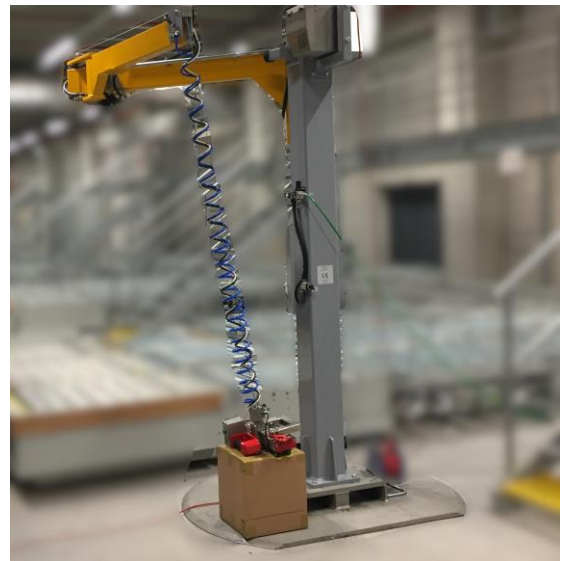
overview	
industry / area	logistics
product	cardboard boxes and KLTs
weight	up to 90 kg
solution	combination consisting of the balancer <b>ezzFLOW</b> smart and the knuckle boom crane <b>ezzLINK</b> eco
application	picking up boxes, labels, scanning and placing in outer boxes

### description of the handling application:

Improving the efficiency during the packaging process and protecting the health of employees in the long term was the requirement with which a leading logistics service provider approached Best Handling Technology. The task was to design a tailor-made lifting aid for handling the special packaging units.

### solution through Best Handling Technology:

An adjustable vacuum gripper picks up heavy, partially banded cardboard boxes of various sizes from above. The adjustment enables adaptation to very different box sizes in a matter of seconds. An integrated load hook can be folded out for unpacked machine parts.



### 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.

