



# Case study

balancer **ezzFLOW**pneumatic with **ezzLINK**eco

overview	
industry / area	industry
product	cardan shafts
weight	up to 100 kg
solution	combination consisting of the balancer <b>ezzFLOW</b> pneumatic and knuckle boom crane <b>ezzLINK</b> eco
application	handling of different cardan shafts

## description of the handling application:

The cardan shafts are delivered on load carriers and should be placed in the same position on the conveyor of a washing machine. Because the cardan shafts are close to each other on the load carrier, the gripper has to be very slim and can only be applied vertically.

## solution through Best Handling Technology:

The pneumatic balancer **ezzFLOW**pneumatic consists of a lifting module and the control. The balancer is attached under the arm of the articulated boom to save space. The hoist rope is guided to the end of the outer arm via rollers. The mechanical gripper is attached to the end of the hoist rope. The balancer is operated using the up and down buttons. The gripper grips and releases alternately each time it is set down (ballpoint pen principle).



## decisive advantages for the customer:

**safety:** Safety devices prevent lowering or loosening in the event of a power failure.

**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.

**ergonomics:** The cardan shafts are handled without any effort.