



# Case study

balancer ezzFLOWpneumatic with crane system ezzLINKrack

overview	
industry / area	powder technology
product	open and closed cardboard boxes
weight	20 kg
solution	combination consisting of the balancer ezzFLOWpneumatic and crane system ezzLINKrack
application	handling and partial emptying of cardboard boxes

## description of the handling application:

In the area of the composition of sintered products, cardboard boxes of the same size and weight of up to 20 kg are picked up from the pallet, guided to the scales and emptied there. With the balancer, the boxes can be parked in any position and tilted for emptying. Partial emptying is also possible. The handling system for the boxes should be quick, intuitive and safe.

## solution through Best Handling Technology:

A pneumatic balancer and a load pick-up with vacuum suction devices are used to handle the cardboard boxes. The emptying function for the cardboard boxes is implemented by a swivel joint with a hole pattern. With the pneumatic balancer, the open box can be parked in any position. The work area is covered by a gantry crane on which the lifting system is installed. The substructure of the crane was adapted to the spatial conditions.



## decisive advantages for the customer:

**safety:** Safety devices with load sensors that prevent loosening under load.

**productivity:** The simple operation, the high, continuously regulated lifting and lowering speed and the ease of movement of the crane system enable an optimal working speed.

**ergonomics:** The boxes no longer have to be carried and the employee can weigh the composites to the gram, as the open box can be parked in any position.

