



Case study

balancer ezzFLOW with crane system ezzLINKrack

overview	
industry / area	production
product	hose reels and cooling coils made of steel
weight	up to 200 kg
solution	combination consisting of the balancer ezzFLOW and the crane system ezzLINKrack
application	lifting aids for handling hose reels and cooling coils

description of the handling application:

Industrial hoses of different sizes are to be picked up from a box and transported to a packaging unit and stored there. Since the hose reels are sometimes very heavy and unwieldy, a lifting aid should be used that can pick up, lift and put down these containers. In addition, cooling coils should also be picked up with the same gripper. Details about the products:

- hose reel diameter 260 to 300 mm
- cooling coils inner diameter 200-240mm
- lying in a box

solution through Best Handling Technology:

The hose reels are picked up, lifted and moved by means of a pneumatic gripper specially designed for the application. Since the hose reels have very different inside diameters, the pneumatic gripper must cover a corresponding spreading area.



decisive advantages for the customer:

safety: Safety devices with pressure indicator and pressure relief valve for the corresponding contact pressure.

productivity: The simple operation, the infinitely variable lifting speed and the ease of movement of the ceiling-mounted crane system 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: There is no heavy lifting by hand, all control elements of the handling solution are at ergonomic height.

