



Case study

electronic balancer **eZZFLOW**smart with slewing crane **eZZLINK**eco

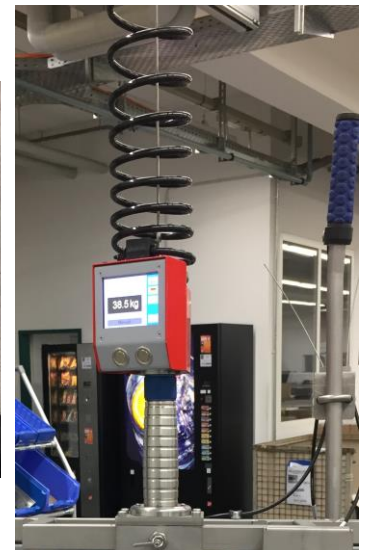
overview	
industry / area	mechanical engineering, cutting production
product	workpieces made of ferromagnetic material
weight	up to 60 kg
solution	Combination consisting of an electronic balancer eZZFLOW smart and a pillar slewing crane eZZLINK eco
application	horizontal recording, rotation around its own axis, positioning on a vertical clamping device

description of the handling application:

When equipping drilling and milling centers with workpieces, these are picked up and guided into the holder. The workpiece must then be clamped. To close the clamping jaws, a third hand is often missing, with which the jaws can be closed. An electronic full balancer can help here.

solution through Best Handling Technology:

The workpieces are picked up with a magnet pick-up attached to an electronic balancer. When lifting, the workpiece stands up and can now be guided directly on the workpiece into the milling center between the clamping jaws. The jaws can now be closed with the free hand. A column-mounted slewing crane serves as the carrier system.



decisive advantages for the customer:

security: Generously dimensioned permanent magnet. In the event of a power failure, the balancer stops.

productivity: Time saving when equipping the drilling and milling station. Simple intuitive operation of the balancer. High lifting and lowering speeds, as well as the ease of movement of the slewing crane enable an optimal working speed. A second man is saved for heavy workpieces.

ergonomics: No physical exertion. Precise up and down movement of the workpiece through the impulses of the guiding hand. The employee always has one hand free.

