



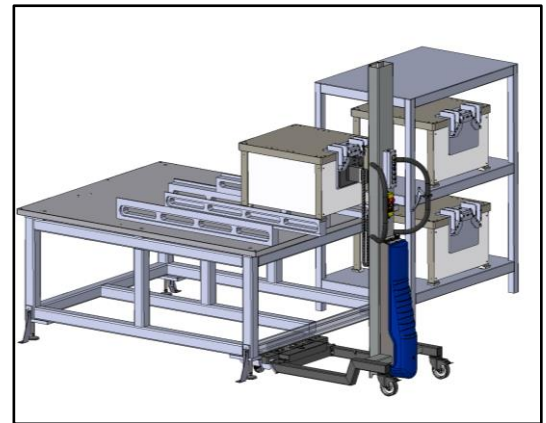
Case study

mobile lifting aid ezzLIFTmaster

overview	
industry / area	injection molding machines, machining, eroding systems
product	Tools
weight	up to 500 kg
solution	mobile lifting aid ezzLIFTmaster500
application	equipping machine tools

description of the handling application:

Different tools are used on a machine tool. These are stored on a shelf and have to be transported to the machine. There, the tools must always be inserted precisely at the defined point. At the end of the process, the tool is removed from the machine and stored. For a product change, the tool is removed from the machine and replaced by another.



solution through Best Handling Technology:

The ezzLIFTmaster is equipped with the option of programmable positions for picking up tools at the same height. At the push of a button, the load pick-up of the ezzLIFTmaster moves to a previously entered position to pick up the tool. In this way, the tool can be safely removed from the shelf and driven to the machine. On the machine tool, the chassis is pushed into a lock on the machine side and thus brought into position. Before that, the tool was brought into the transfer position at the push of a button. When the button is pressed again, the tool is slowly set down and released. With the possibility of programming several positions, different levels on the shelf can be approached. Basically, the processes of bringing in and storing are similar. Bringing in and putting down takes place at a reduced speed, and moving to the starting position is much faster. Thanks to the high rigidity and stability of the ezzLIFTmaster, positioning is possible with millimeter precision.

decisive advantages for the customer:

security: Simple and safe mounting of tools. High rigidity of the base frame of the lifting aid.

productivity: Flexible trolleys and transducers for different requirements.

ergonomics: Precise positioning of the tools without physical exertion.

