

Liftow Limited Utilizes NKK LP01 Pushbutton to Keep Forklift Operators Safe

Liftow Limited, a commercial and industrial equipment supplier, is committed to assisting customers in finding the safest, most productive, and cost-efficient solution for their material handling needs.

Liftow's mission is to provide its clients with the most exceptional material handling equipment, products, training, and customer service in the industry, however it too is familiar with the stresses associated with preventing operator injury and the magnitude in keeping its employees safe.

Discover how Liftow Limited utilizes value-added services from NKK Switches to improve forklift operator ergonomics.

Challenges



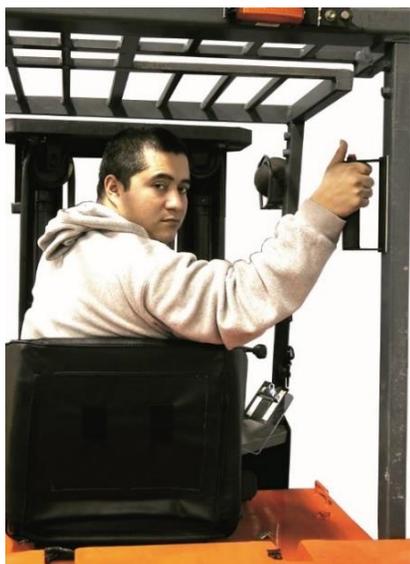
Depending on your livelihood, most people don't expect to be put in harm's way during their usual routine at work. For those operating heavy machinery, like Liftow Limited products, employers strive to minimize hazards, damage, or employee injury by proactively finding solutions to potentially dangerous or threatening situations.

Lift truck operators frequently find themselves traveling in reverse when carrying large loads while simultaneously placing their hand onto the overhead guard for balance, which may result in serious injuries. This presents many safety issues including that there is nothing to hold onto when reversing

which can cause back strain, not all body parts are kept inside the operator compartment, the operator must use his or her other hand (if the horn is needed) preventing the driver from seeing where he or she is going or letting go of the steering wheel completely, among other risks.



Solution



Enter the ERGO Back-Up Handle with built-in horn featuring the NKK LP01 Pushbutton. The LP01 Pushbutton is a short body pushbutton with snap-in mounting and a smooth, slightly concave cap designed to fit a fingertip. LP01 Pushbuttons feature a mechanical life of 500,000 operations minimum, and an electrical life of 50,000 minimum.

NKK provided value-added services by assembling the LP01 Pushbutton with an extended length wire harness spanning 7 feet. The wire harness assembly, composed of 18AWG, UL1061-rated wire was assembled at NKK's Scottsdale, Arizona facility and inspected per IPC Class 3 standards.

This resolution eases back strain, keeps the forklift operator's hand inside the operator compartment where it is less vulnerable to harm, can fit in any lift truck, installs in minutes, and the horn switch allows the driver to keep the left hand on the steering wheel.

"Our Back-Up Handle product required a switch design that was both simple to install and would be durable enough to withstand repeated use on a forklift," said John Marcellino, Sales & Marketing Manager at Liftow Limited.

Marcellino went on to say, "The NKK Switch provided a complete assembly that we could easily install on our handle, cutting down our manufacturing time dramatically. It also holds up extremely well in a rough application such as a forklift used in a warehouse with a lot of vibration. We find the switch we use lasts a long period of time and is a perfect fit for our Back-Up Handle. Should the switch need to be replaced for any reason, it is very simple to swap out and can be done in minutes with its simple design."



The Ergo Back-Up Handle distinguishes itself from the competition by improving workplace efficiency and safety. Simply install the back-up handle on the inside of the operator compartment to provide something for the driver to grip onto inside the vehicle, specifically while reversing.