

THE LINDE ORDER PICKER

Keeping your Industrial
Athlete in Control

IMPROVE ERGONOMICS | DECREASE TURNOVER |
INVEST IN YOUR EMPLOYEES & INCREASE YOUR ROI

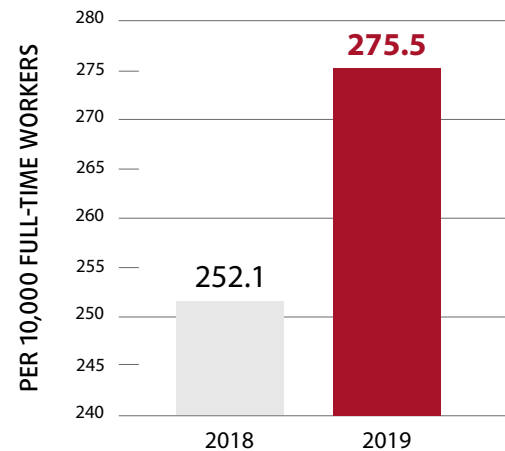


THE COST OF OCCUPATIONAL INJURIES

In 2019, **888,220 nonfatal occupational injuries in the private sector resulted in at least one lost workday**. And freight, stock, laborers, and material movers accounted for the highest number of cases at 64,160 cases resulting in missed days of work followed by heavy and tractor-trailer drivers, according to BLS.gov. Those shocking numbers highlight an enormous strain on the material handling worker.

Manual material handling tasks require great physical effort, often to the detriment of the worker. Specifically, these tasks are extremely taxing and often fatigue the operator, causing decreased productivity, downtime due to injury, and ultimately employee turnover due to occupational stressors.

INCIDENCE RATES OF NONFATAL WORKPLACE INJURIES INVOLVING DAYS AWAY FROM WORK



2020 Liberty Mutual Workplace Safety: Injuries / Cost

Business Costs (Billions per year) / Related Injuries

Repetitive motions involving microtasks

\$2.05 B

Running equipment or machines

\$1.92 B

Awkward postures

\$4.69 B

\$59 BILLION ANNUALLY

in operational costs, including medical expenses and lost-time wages

Filling orders is demanding work, takes diligence on every front, and requires the operator always to be alert. And in a busy warehouse, fulfillment, or distribution center, if the operator does not have comfortable equipment, their productivity and efficiency are negatively affected.

According to the 2020 Liberty Mutual Workplace Safety Index (WSI), Workplace injuries, rather large or small, end up costing the employee physically and financially and creates a financial burden for organizations costing more than \$59 billion annually in operational costs, including medical expenses and lost-time wages.

DECREASE TURNOVER

Many of the common injuries noted in the material handling industry involve musculoskeletal disorders. As pointed out in the Ergonomic Guidelines for Manual Material Handling, “Manual material handling (MMH) work contributes to a large percentage of the over half a million cases of musculoskeletal disorders reported annually in the U.S.

Scientific evidence demonstrates that **“effective ergonomic interventions can lower the physical demands of MMH work tasks, thereby lowering the incidence and severity of the musculoskeletal injuries they can cause,”** according to Ergonomic Guidelines for Manual Material Handling.

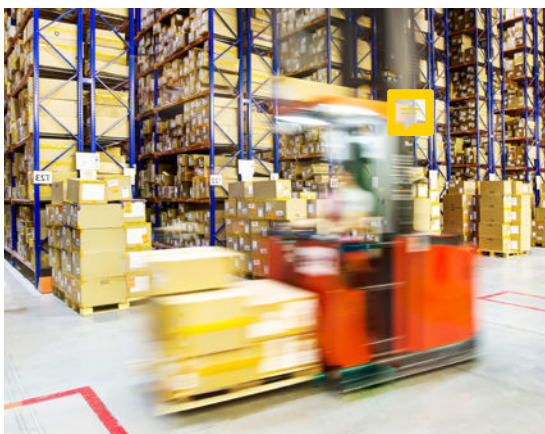


The driving force of continued uptime is your operator. And if your operator is uncomfortable in the truck, that can lead to decreased productivity and ultimately increased money out of your pocket. In 2020, the Bureau of Labor Statistics documented a loss of 2.3% of usual working hours due to injury and illness in the transportation and material moving workers industry. Of the list of injuries noted, forklift operator injuries typically stem from poor ergonomics. That staggering number is 1.76 times the national average for all occupations. And according to the BLS, labor turnover increased from 49% in 2019 to over 57% in 2020. This jump in workforce turnover was not a direct result of a worldwide pandemic.

On the contrary, distribution centers were growing and thriving during this period. So why would there be such an increase in employee turnover? The answer is, it's the very demanding nature of this job that causes turnover.

Your industrial athletes are on their feet eight hours to even twelve hours a day during peak seasons and are dealing with upwards of 1500 cases with weights that can go from an individual box to an average of 20–30 pounds. And the pressure doesn't stop there.

With recent benchmarking showing order picking as the critical labor resource pushing to even higher performance levels, many operators are tasked with 50–75 picks per hour from lower racks and 20–35 picks per hour at height. **With the increased pressure to meet the demands of your organization, your operators need ergonomic equipment designed with them in mind to avoid workforce injury, turnover, and unnecessary expenses.**



IMPROVED ERGONOMICS

There are two approaches to reducing the impact of turnover on your business to keep your operators happy, comfortable, and confident to meet the demands of the day. And those two solutions come down to equipment designed to support your industrial athletes and the technology to help improve your operations.

Linde Material Handling focused on your team's needs to offer order pickers that are comfortable and secure so that your industrial athletes perform at peak levels.

ERGONOMICS

The Linde Order Picker is designed around your industrial athletes to give them the tools they need to succeed. The operator's panel is adjustable to meet the needs of your labor force, so they're not struggling with how they can engage the controls.

The Speed control incorporates large muscle movements, not small movements associated with the wrist or a motorcycle-type grip typical of carpal tunnel syndrome.

While your hand is on the control, you can move your whole hand forward instead of having to twist it to get traction motion.

Keeping your operators comfortable also requires innovations that work in unison for overall confidence. The ergonomic hand-control sensors are sensors located in the handle that prevents the truck from operating unless the truck knows your operator has a grip on the handle. The multi-function control handle is stationary, allowing a solid four-point stance position in the operator compartment using a thumb tiller to travel. These features ensure that your industrial athletes are secure and confident while operating the truck.



Caption 6.5/9 Goes Here



Caption 6.5/9 Goes Here



Caption 6.5/9 Goes Here

INVEST IN YOUR EMPLOYEES



ROI

When you invest in your operation and employees, **your ROI will be unsurmountable**. Decreasing injuries by arming your operators with advanced ergonomic features enhances throughput and efficiency, keeping your employees working by keeping them confident.

Linde MH is a trustworthy brand offering a line of trucks you can depend on in your warehouse operation, offering you material handling solutions for today and tomorrow and **cost-effectively enhancing your productivity**. Linde MH knows the importance of providing value by providing industrial trucks that improve your industrial athlete's performance and **save companies money by decreasing unnecessary expenses** and keeping your industrial athlete's comfortable while picking.

Your industrial athletes need to be happy and confident while transporting products which is also crucial to your bottom line. Lost-time incidents due to fatigued drivers from poor positioning decrease productivity and increase the potential for employee turnover due to work stress. The deliberate ergonomic design of the Linde Order Picker keeps operators alert, more comfortable, and ultimately happier in the role they play.

With the Linde Order Picker, you can also be assured of improved truck efficiency and performance, with longer maintenance intervals, confident and happy operators, and financial flexibility, with decreased operational costs.



SMART SOLUTIONS

ADVANCES IN TELEMATICS AND AUTOMATION



Headquartered in Summerville, SC, KION North America Corporation is a member of the KION Group, one of the world's two leading manufacturers of industrial trucks and the largest manufacturer of electric forklifts. Their brand companies, Linde and Baoli, serve the specific industrial truck requirements of the U.S. Canadian and Mexican markets with a comprehensive and complementary product portfolio. KION North America produces material handling equipment known for its innovative technologies, reduced energy consumption, and low operating costs. KION North America also works closely with its sister company, Dematic, the global leader in automated material handling that provides a comprehensive range of intelligent supply chain and automation solutions. The KION North America story begins and ends with this **commitment to excellence.**

KION North America's family of products, services, and solutions helps businesses work smarter, faster, and more efficiently. Today's supply chain constraints and deadlines are more demanding than ever. **The KION North America team creates performance-based, purpose-built solutions that help our customers succeed today and tomorrow.**

For more information on Linde Material Handling equipment, please contact:

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