



ROBOTS FOR WAREHOUSING AND DISTRIBUTION CENTERS

Over 17,000,000 TEUs (twenty-foot equivalent units) are imported into the US every year. Many are floor loaded (cubed out by volume). Unloading these containers and trucks is done manually; case by case, resulting in injury to workers, inconsistent unload rates and damaged product.

Below are 10 ways robots can help improve the operational effectiveness of your warehouses and distribution centers.

1. Fewer injuries to workers

Unloading trucks is a physically demanding job that requires constant twisting, lifting and reaching. This can result in higher injury rates and more workers' compensation claims.

2. Reduced product damage

Product is often tossed and sometimes damaged due to a need to keep the unload rate high. Workers must stand on cases to reach higher in the truck. The result is damage to your product.

3. Robots don't steal

Theft often occurs before product is scanned into the warehouse. With robotic unloading, there is less risk of "product shrink".

4. Faster, more predictable throughput

Workers often get tired after one or two hours of unloading - resulting in lower rates as the shift continues. Robots continue unloading at the same rate, regardless of how many hours they've been running.

5. Less employee turnover

If workers focus on higher value, less physically demanding jobs, turnover rates are likely to drop.

6. Improved product flow

By connecting the robot system into the Warehouse Management Systems, product can get to its destination faster.

7. Reduced operational expenses

As robot unload rates increase and workers' compensation rates remain flat, operational expenses will improve.

8. Predictable operating costs

Labor costs continue to increase. With the constant and predictable expense of the robot and without ever-increasing workers' compensation rates, companies can more accurately estimate future expenses relating to truck unloading.

9. Flexible schedule

Robots will work any shift and do not require premium pay for 3rd shift, weekends or holidays.

10. Scalable throughput

Rate increases for a single dock can dramatically improve throughput when multiplied across the warehouse.

11. BONUS... Robots are cool!

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