

Leverage Warehouse Trends to Shape Your Modernization Plans

Discover Top Insights From The Zebra Warehousing Vision Study

Warehouse operations plays a big role in customer satisfaction, especially now. How can you outpace the competition and improve employee satisfaction at the same time? We've surveyed over 1500 decision-makers and employees together and gathered their insights around navigating market demands and achieving goals for today and tomorrow.

Find Your Focus

Start by identifying your specific challenges and initiatives to get to the finish line faster. Decision-makers say shipping volumes increased more than 20% on average over the past two years and have identified several important operational challenges and improvement plans as a result.

Top Operational Challenge

37% of decision-makers
Returns management

Improving Warehouse Operations

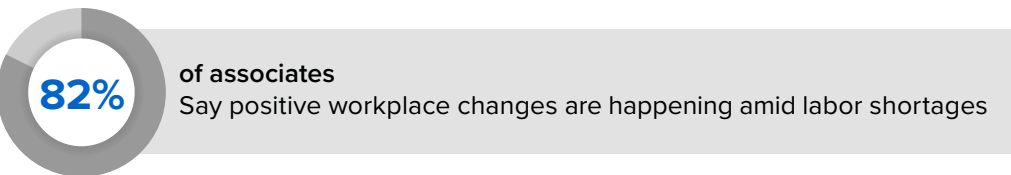
85% of decision-makers will
prioritize labor optimization
in the next three years

Outbound Fulfillment Challenges

	% of decision-makers	Percentage point (pp) Increase from 2019
Packing, staging and loading	36%	+11 pp
Order fulfillment time	35%	+5 pp
Picking efficiency	35%	+5 pp
Order accuracy	32%	+3 pp

Keep Employees Satisfied

Sixty-four percent of decision-makers say recruiting or retaining labor is one of their biggest challenges. Learn what keeps your associates coming into work each day. While increased wages and bonuses were cited as a reason for associates feeling positively impacted the last couple of years amid labor shortages, a higher percentage recognized the non-monetary incentives that aided in a better experience on the job.



60%

Improved working conditions



57%

Used technology to make work easier



45%

Increased wages and bonuses



43%

Provided technology to enable flexible work shifts



Set Your Sights on Maturing Operations

As you identify your challenges and initiatives, move into ways technology can support your operations. The categories below can help you think about the different ways you can take a phased approach to solving simple to complex challenges. Almost **6 in 10 decision-makers** say they plan to utilize sensor or real-time location technology as well as augmenting workers with devices and/or automation.

Decision-Makers Rate Operational Maturity by 2027

10% Siloed and Reactionary

Inefficiencies due to lack of inventory and workflow visibility

32% Augmented Workers With Mobility and/or Automation

15% Improving operations by gaining basic control of operations through capturing each inventory move

17% Optimizing the use of mobility by deploying devices and automation based on the task, safety and proper ergonomics



58% Augmented Workers Plus Use of Real-Time Visibility

16% Targeted use of sensors to automate tasks

23% Orchestrate widespread use of real-time visibility to automate decision-making based on location

19% Use analysis of multiple data sets to constantly predict and adapt operations

Implementing Warehouse Automation



Augmenting labor with software and devices first is the best way to introduce automation into a warehouse operation.

Decision-Makers' Top Technology Implementation Plans by 2025

Mobile Devices

84%

Wearable Computers and Peripherals

Printers

84%

Desktop Barcode Label Printers

Software-as-a-Service

86%

Machine Learning Applications

Sensor Technology

83%

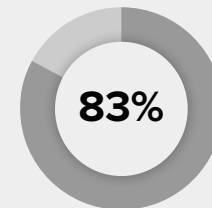
Passive Radio Frequency identification (RFID) Tags, Readers and Printers

Autonomous Mobile Robots (AMRs)

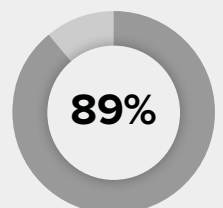
82%

Person-to-Goods Picking AMRs

Decision-makers
(+6 pp since 2019)



Associates



Get the full story and see all the technology solutions planned for optimizing and advancing warehousing operations.

Contact us today to get your free copy of the Zebra Warehousing Vision Study: Dynamic Markets Demand Warehouse Agility.



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