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Enhancing Package Sorting Efficiency with Tilt Tray Sorter Technology

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01 Introduction

In today's **logistics** and **supply chain industries**, achieving operational efficiency is crucial for maintaining a competitive edge. As package volumes continue to grow, businesses need reliable solutions to handle sorting processes quickly and cost-effectively. This white paper introduces the **Tilt Tray Sorter**, an advanced sorting system designed to improve package throughput, reduce costs, and integrate seamlessly with existing infrastructure.



02 Challenge

The logistics sector faces several challenges due to increasing package volumes and rising operational costs. Traditional **package sorting systems** present multiple problems:



HIGH OPERATIONAL COSTS

High operational costs related to energy consumption and regular maintenance.



LONG INSTALLATION TIMES

Long installation times, resulting in downtime and delays.



COST-EFFICIENT

Logistics companies require a **faster, more cost-efficient sorting solution** that can adapt to their facility's specific layout and reduce the impact of downtime on their operations.

Innovative Solution: Tilt Tray Sorter Technology



HIGH CAPACITY

Sorts up to **10,000 packages per hour** efficiently.



ENERGY-EFFICIENT

Operates at **230V** with a power consumption of just **60KW**.



CUSTOMIZABLE DESIGN

Fully customizable to fit any facility space.



USER-FRIENDLY CONTROL SYSTEM

The system features a user-friendly control architecture that incorporates industry-leading brands.

The **Tilt Tray Sorter** is a next-generation **automated sorting system** that offers **high capacity** and **energy efficiency**. This system can sort up to **10,000 packages per hour** while operating at just **60KW** of power. **With a 230V voltage**, the Tilt Tray Sorter provides an eco-friendly, customizable solution designed to meet the unique needs of modern **logistics facilities**.



04 Benefits of the Tilt Tray Sorter

01

Rapid Installation and Global Collaboration

With a focus on speed and efficiency, three Tilt Tray Sorter systems were successfully installed across **Mexico** within just **45-60 days**. This success was made possible through close **collaboration between expert engineers in Asia and our expert team in Mexico**, allowing for efficient project management and installation.

02

Cost Efficiency

Compared to traditional **cross-belt sorting systems**, the Tilt Tray Sorter operates at **half the cost**, offering significant savings without compromising performance. This makes it the ideal choice for companies looking to modernize their sorting operations without exceeding their budgets.

03

User-Friendly Control System

The Tilt Tray Sorter is equipped with a **user-friendly control system**, powered by globally recognized brands such as **Siemens, Delta, Schneider, and Advantech**. These systems ensure easy access to **replacement parts** and reduce downtime, while providing a simplified, intuitive interface for operators to manage the system efficiently.

04

Pre-Installation Testing and Training

Each Tilt Tray Sorter undergoes **rigorous testing** before leaving the factory, ensuring that it meets all quality standards and will perform as expected. In addition, we provide **on-site training** for your personnel, ensuring they are fully equipped to operate and maintain the system efficiently.

05 Success Story: Mexico Installations

The success of the **Tilt Tray Sorter** is exemplified by the installation of three systems in **Mexico**. In just **45-60 days**, we successfully deployed and integrated these systems, thanks to the collaborative efforts of engineers in **Asia** and **Mexico**. This project demonstrates the sorter's ability to be implemented swiftly, delivering significant improvements in **package sorting productivity** while reducing operational costs.



**Experience Next-Level
Sorting Technology –
Book Your Demo
Now!**

SCHEDULE AN APPOINTMENT

To witness the **Tilt Tray Sorter's productivity** in action, **schedule an appointment** for an on-site demonstration at one of our facilities.



CONTACT INFORMATION

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06 Conclusion

The **Tilt Tray Sorter** represents the future of **automated package sorting systems**. Its high sorting capacity, **energy efficiency**, cost-effectiveness, and rapid installation make it the ideal solution for logistics companies looking to enhance their operations. **With successful installations in Mexico and a dedicated team of global engineers, the Tilt Tray Sorter is ready to take your business to the next level.**