

More Easy, More Safe, More Efficiency

Steerable Wheel Sorter

www.sz-apollo.com

APOLLO Steerable Wheel Sorter

APOLLO Steerable Wheel Sorter is an important part of the sorting link in logistics, warehousing and distribution, with a powerful computer calculation, high efficiency high accuracy as well as long time and massive running capacity.

Features

- High efficiency sorting
- Low deviation
- Basically realize unmanned sorting
- Small occupation, save space
- Small impact, reduce damage on goods
- Able to sort wide range of goods
- Able to sort goods continuously and in large quantities

Applications

- Carton packaging products in logistics express and E-commerce etc.
- Turnover box in logistic center
- All kinds of bags, books, parcels, trays, food and beverage, medicine, clothing industry etc.
- Other products to be sorted

Design Philosophy

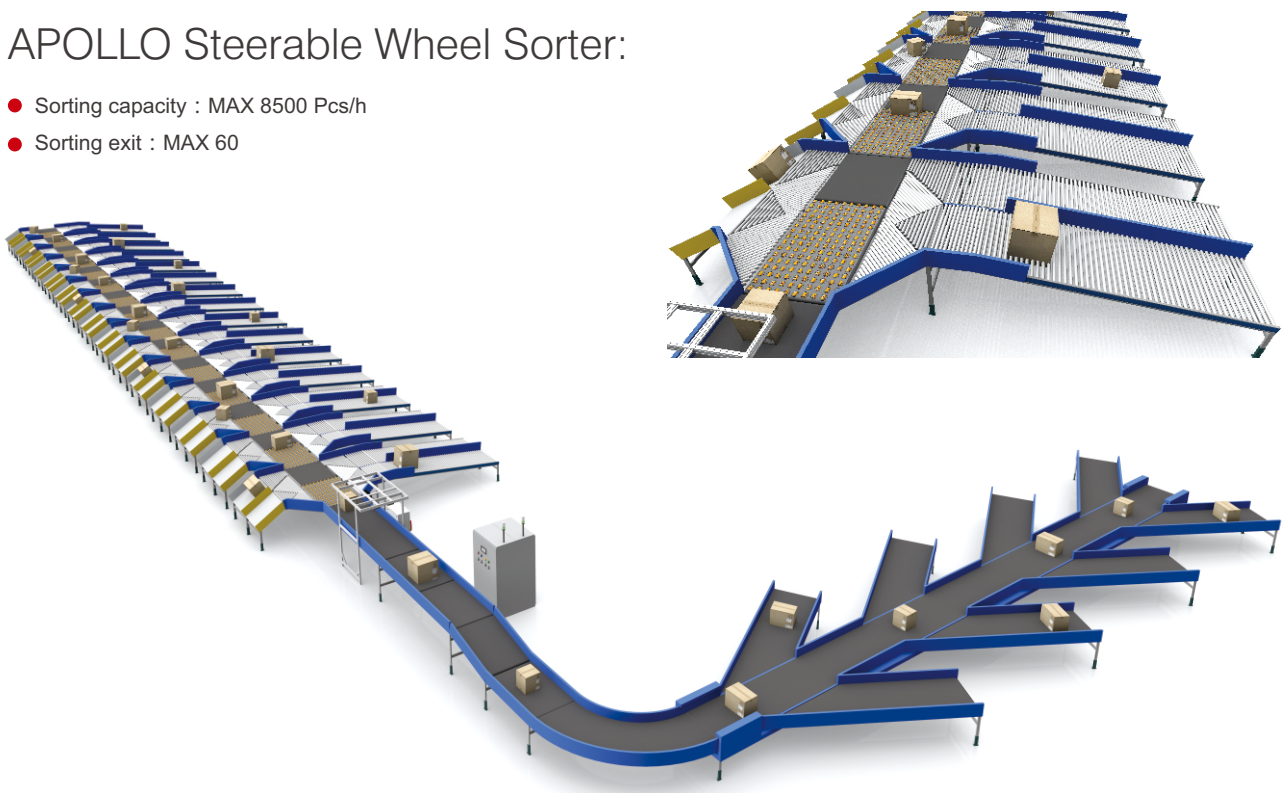
- Modular design (easy assembly, easy maintenance, strong versatility)
- High sorting capacity design (high speed and efficient sorting, 60 sorting exits can be configured on two sides)
- Reliability design (with mature technology and reasonable optimization of internal structure)
- Advanced design (adopt bus controller and possess advance control software)
- Variability design (adjust layout or upgrade to latest sorting requirements by adding or subtracting module mechanism)

System Composition

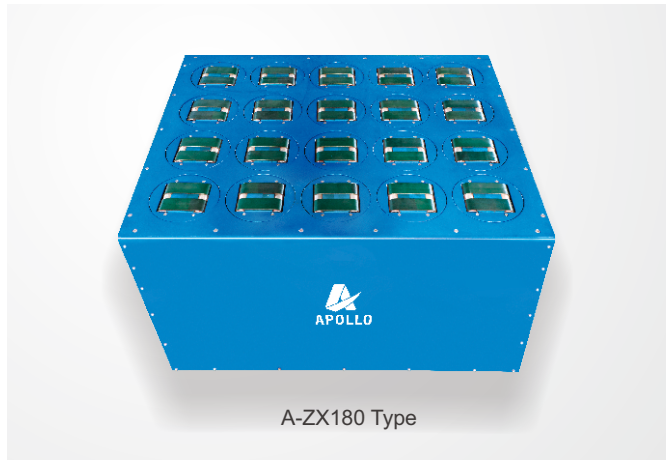
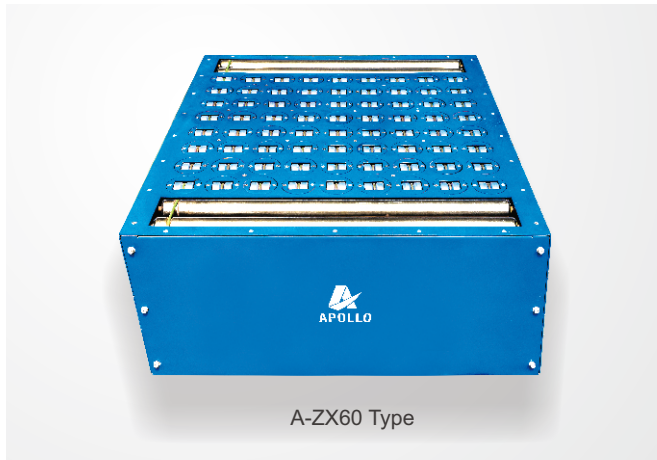
- Infeeding conveyor + Main conveyor+ Auto-spacer conveyor + DWS + Steerable wheel sorter + Diverter conveyor (Chute)

APOLLO Steerable Wheel Sorter:

- Sorting capacity : MAX 8500 Pcs/h
- Sorting exit : MAX 60



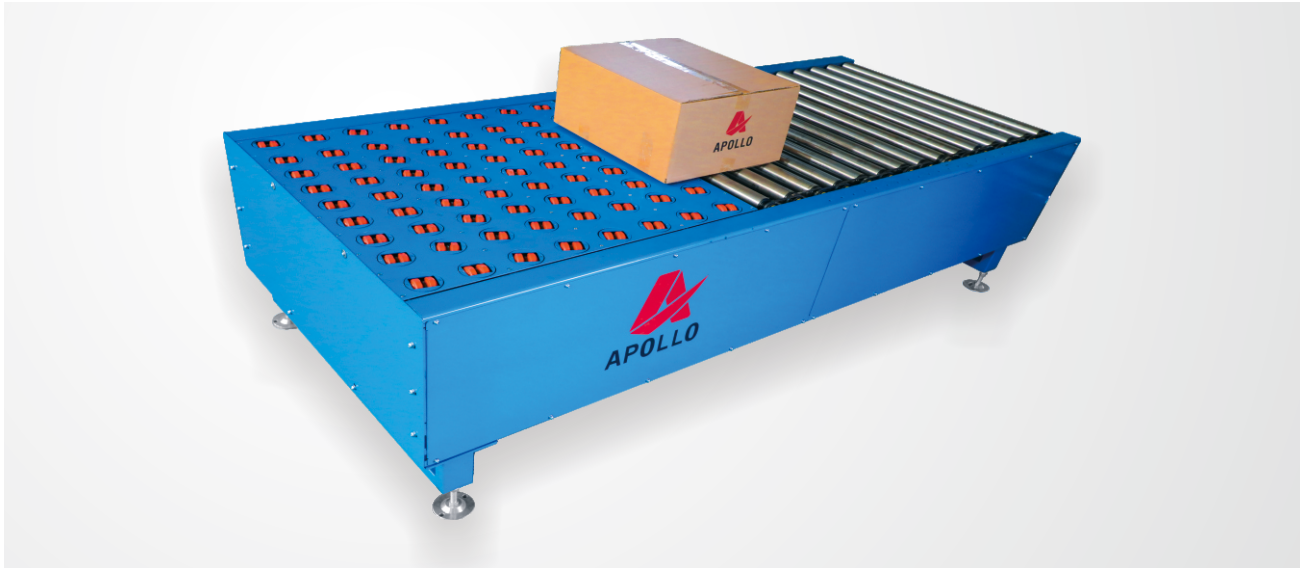
A-ZX Steerable Wheel Sorter Main Parameters



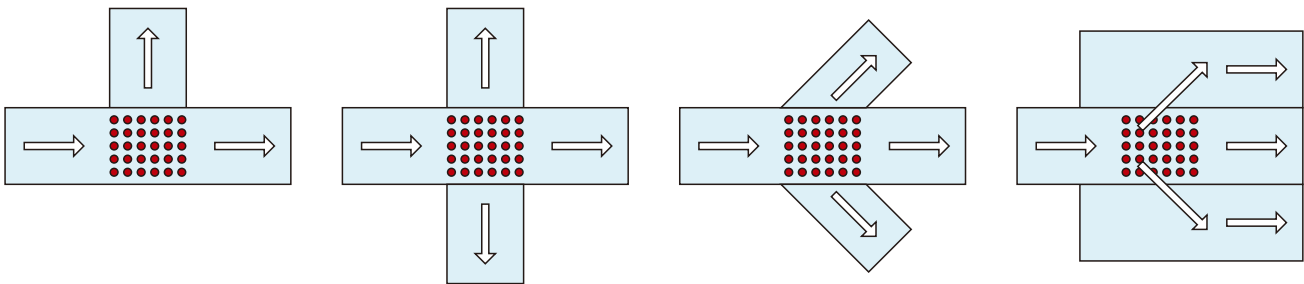
- APOLLO Steerable Wheel Sorter features: high speed, high efficiency, stable and reliable.
- International leading technology: choose servo high-speed operation technology, modular unit integration technology, low noise material and mechanism technology.
- Up to 8500 parcels per hour handle capacity.
- The most practical sorting equipment for e-commerce, logistics centers, pharmaceutical, clothing, and food industry etc.

A-ZX60 Standard Type Parameters		
Item	Specification	Remark
Sorting mode	Steerable wheel sorter	A-ZX60 Type
Product type	Carbon, turnover box, regular packages	If soft package like woven bag, A-ZX180 is recommended.
Product size	L200*W200*H200mm L800*W800*H800mm	Other size can be customized
Product weight	0.1-50kg	/
Sorting capacity	4800-8500 Pcs/h	There are some differences in sorting ability between users sorting method and operators
Sorting exit	Max. 60	Double sides
Sorting direction	Single side, double sides	/
Weighing accuracy	±50g	/
Dimensioning	L800*W800*H10-1000mm	/
Main frame	Carbon steel power coated	Customized color
Main height	800mm	Customized height
Working voltage	3 Phase 380V,415V,480V	Customized voltage
System software & DWS	APOLLO control system	Can customize according to user's needs

Solution

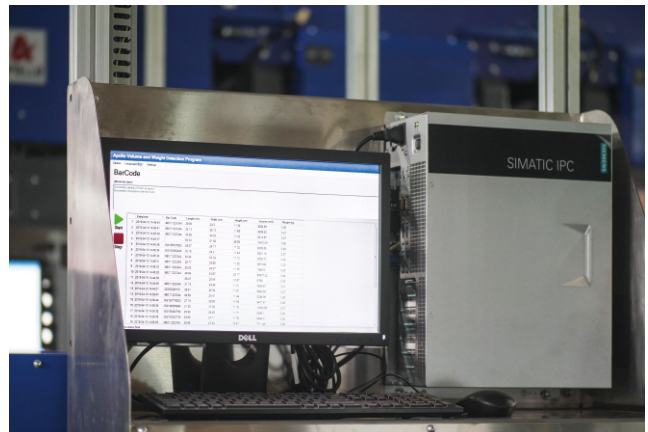


- To solve the optimization of enterprise internal logistics requirements, making the logistics sorting link faster, more flexible and more effective.
- To improve the sorting efficiency of users and reduce the logistics cost of enterprises.



Sorting Principle

- Read the barcode through barcode reader or DWS system.
- Identify the barcode information by the pre-set program in the control software system.
- The control program assign relative instructions to the sorting machine according to the barcode information.
- The sorting machine performs sorting according to instructions received.
- The goods arrive to the designated sorting exit (distribution channel) to complete the sorting task.





Why APOLLO ?

- To choose Apollo is to choose a reliable partner for your warehousing and logistics.
- Factory direct selling to save input cost.

APOLLO Service


- Specially-assigned personnel learn the needs of users, then professional technician communicate deeply to form executable solutions.
- Standard production, strict quality test, intergrate hardware and software for installation and commissioning.
- Full and thoughtful after-sales service support.



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