



Dash SSS-III

DAMON SLIDING SHOE SORTER

EFFICIENT PRODUCT SORTING SOLUTION



2016 V1.3

Damon
Damon Simplifies Logistics

Dash SSS-III system components

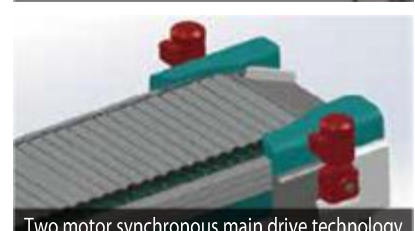
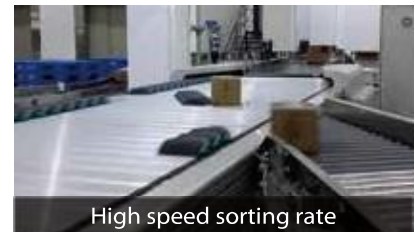
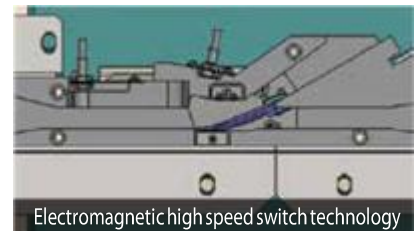
Damon has been dedicated to the ongoing development of the high speed sliding shoe sorter for many years. The third generation of the high speed sliding shoe sorter is the realization of Damon's focus on sorting technology. With the perfect combination of speed and reliability, the Dash-SSS-III is a perfect example of our new generation intelligent sorting systems. Regardless of the weight, size and shape of the goods, the unique sliding shoe sorter will provide accurate, flexible and fast sorting operations. The system boasts a super high speed switching capability and is suitable for sorting applications in many fields.

Full body industrial design

The perfect combination of industrial design and technology of the entire machine. Component parts are made of high strength plastic materials, aluminium alloys and other high tech materials. The Dash-SSS-III sliding shoe sorter has both modern aesthetics and high end quality.

Dash SSS-III features

- 1. Electromagnetic high speed switching technology**
The speed and sortation function are perfectly combined by adopting the latest electromagnetic driven high speed switch technology. Millisecond switching capability and unique fork vibration elimination technology are safe, reliable and maintenance free.
- 2. High speed sorting rate**
The sorter host can run at an operating line speed of 2.5 m/s. The single side sorting rate can achieve 8,000 pieces per hour. Items may also be simultaneously sorted to both sides.
- 3. Modular unit integration technology**
By utilising modular unit integration technology, the construction is simple and convenient for maintenance. Removing and replacing a sliding shoe can be completed in only 2 minutes.
- 4. Low noise**
The use of the latest high tech materials has lowered the running noise creating a more comfortable working environment. The operating noise of the main line is less than 70db.
- 5. Dual motor synchronous drive technology**
Using two low power technology drive motors instead of a single large power motor to drive the main line provides higher control precision and a more stable and easily configured system.



Dash SSS-III specifications



The Damon Dash SSS-III sliding shoe sorter features high speed, high efficiency, stability and reliability. Its electromagnetic high-speed switch technology, modular unit integration technology and low-noise running mechanism have reached advanced international standards and leading domestic standards. With a sorting capacity of 8,000 pieces per hour, it is the preferred choice by E-commerce, courier and apparel industries in China for intelligent sorting equipment.

Content	Specification	Notes
Sorter Type	Sliding shoe sorter	
Items to be Handled	Cartons, totes, bags, long and slim items, narrow items etc	
Dimensions	1200(L) x 600(w) x 600(h) 200(L) x 150(w) x 10(h)	
Weight	0.5 ~ 30kg	
Rate	8000 pcs/h	Dependent upon item length, gap, sorting method, conveyor speed etc
Speed	$V_{max} = 150 \text{ m/min}$	
Back to Back Width	817 mm、1017	Optional
Quantity of Diverts	Maximum 80	Determined by the largest items to be sorted
Sorting Direction	One side, two sides	
Conveying Surface	Aluminium chain plate	
Noise	< 72 db	Main line of sliding shoe sorter



Damon, a listed company on the Beijing Stock Exchange (stock code: 830805 Damon Science and Technology), is a leading intelligent logistics system and equipment provider in China. Damon focuses on intelligent logistics conveying and sorting systems including product research and development, manufacturing and project services. Damon serves the e-commerce, courier, clothing, pharmaceutical, manufacturing and other various industries to improve the competitiveness of our customer's logistics systems which always receives wide acclaim.

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