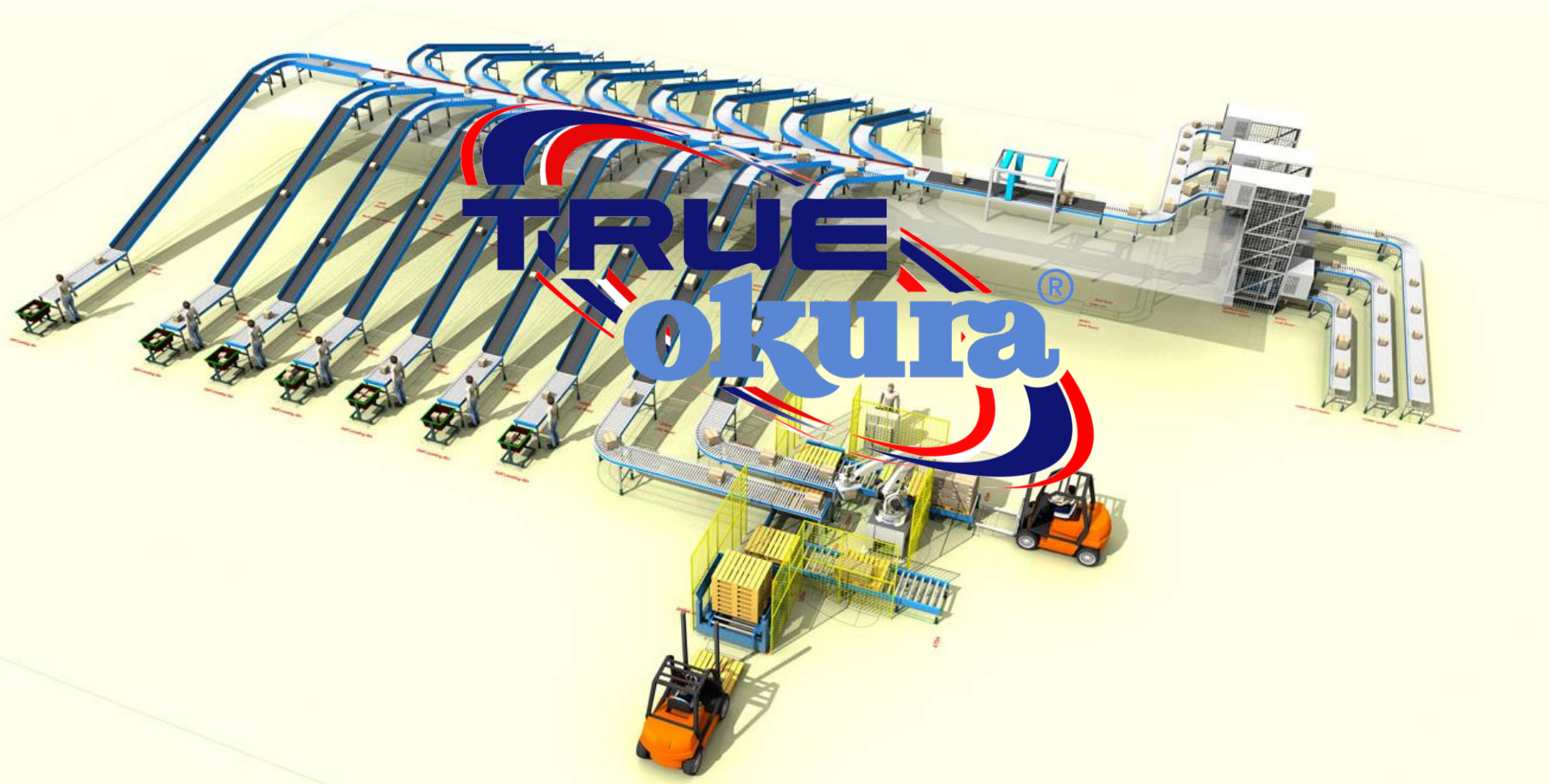
TRUE
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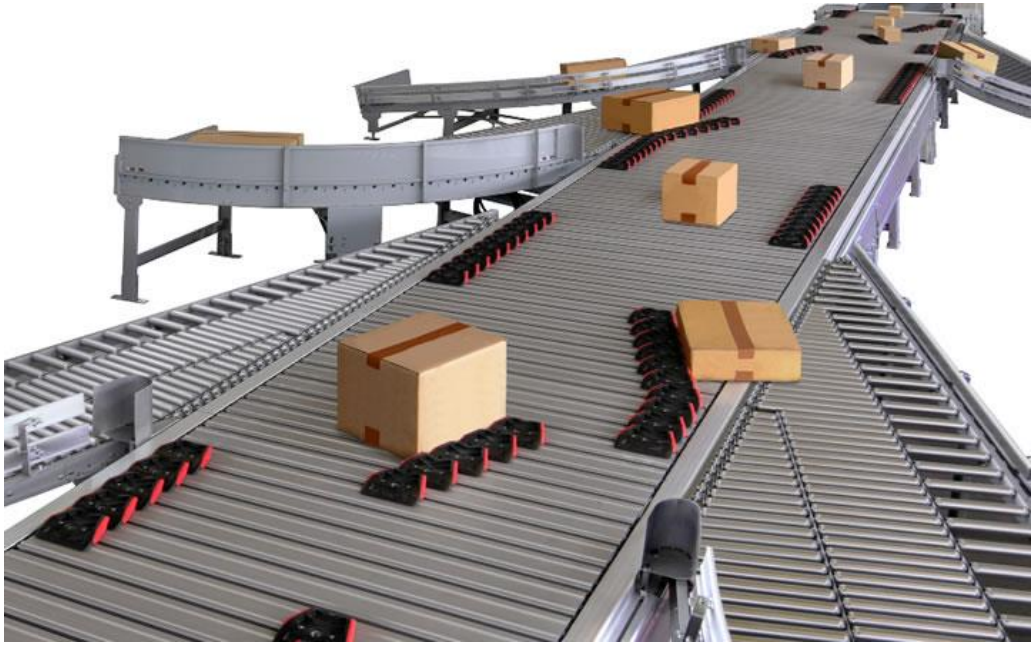
Sorting System

To meet the needs for JIT (Just In Time) physical distribution, there is an Increasing need for accurate, speedy sorting work. Okura is making Progress in the automation of high – reliability sorting work, and has achieved significant reductions in the time from ordering to delivery.
We have developed various systems to suit different applications, like our “Uni sorter” which sorts diverse cargo at ultra high speed, and our “Carble sorter” which is useful for sorting small products.

Carble sorter



Uni sorter

Disk sorter

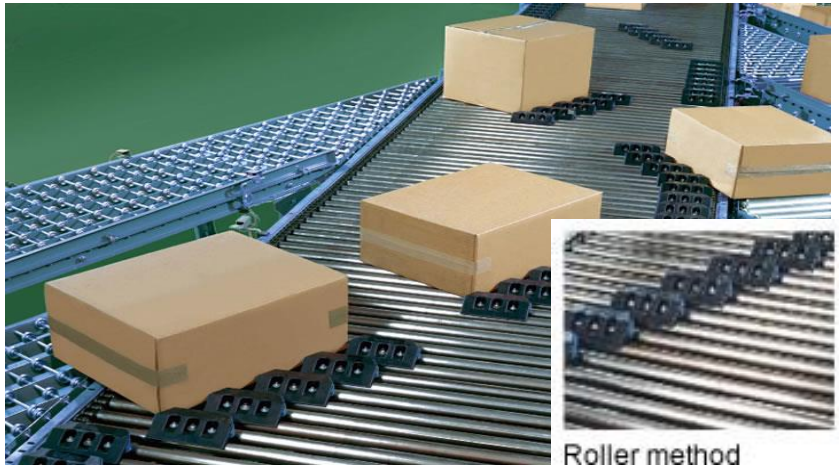
Uni Sorter (Shoe Sorter)

Features

(1) High-capacity sorting
(2) Support for various products
(3) Flexible sorting
(4) Low-noise design
(5) Energy-saving operation
(6) Simple maintenance

Uni sorter FSIV model

Uni sorter FSII model



Uni sorter S model

Uni Sorter (Shoe Sorter)

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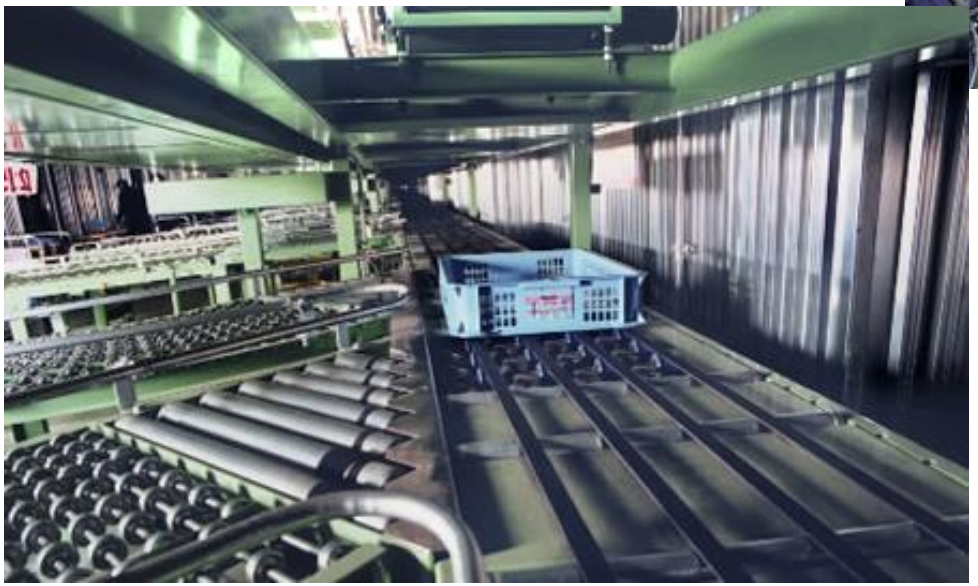
Specifications

Model	Aluminum		Steel
	FSIV model	FSIII model	S model
Sorting method	Sliding-shoe method		
Sorting capacity	Max. 22,000 items/hr.	Max. 12,000 items/hr.	
	*Sorting capacity varies with product length and other conditions.		
Speed	MAX.200m/min	MAX.106m/min	
Width (induction effective width)	390, 490, 620, 690 790, 890, 990mm	390, 490, 690, 990mm	
Number of sorting openings	MAX.128	MAX.64	MAX.100
Sorting direction	Two-sided sorting, single-sided sorting		
Transport surface	Slat method		Roller method
Transportable products	Cartons, bottles, bags, rolls		
Transported product size	100-650(W) x230-900(L) xMIN.40(H)mm		25-990(W) x230-1800(L) xMIN.40(H)mm
Transported product weight	0.5 to 40 kg/item		0.5 to 45 kg/item

High-Speed Sorter (Pop-up Sorter)

Features

(1) Gentle, low-impact sorting
(2) Support for a variety of products
(3) Large number of sorting openings



High-Speed Sorter (Pop-up Sorter)

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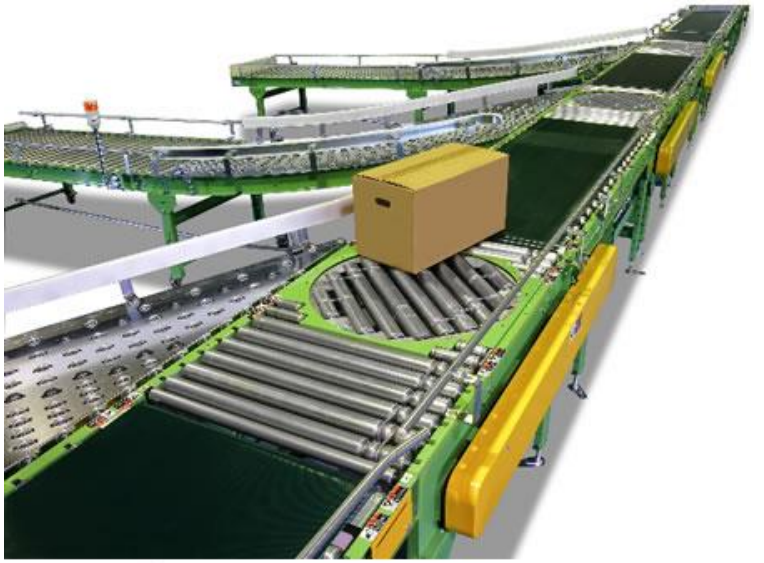
Specifications

Sorting method	Popup method
Sorting capacity	5,000 items/hr. *Capacity varies with product length, conveyor speed, and other conditions.
Speed	36, 46, 61, 76, 91, 100m/min
Length	MAX.100 m
Width	500, 550, 630, 700, 800mm
Number of sorting openings	MAX.100
Sorting direction	Single-sided sorting
Transportable products	Cartons, bottles, polypropylene cases, etc.
Transported product size	150-800(W) x 230-800(L) x MIN.30(H)mm
Transported product weight	1 to 30 kg/item

Disk Sorter

Features

(1) Outstanding expandability
(2) Low cost
(3) Gentle sorting
(4) Capacity of 3,000 items per hour
(5) Support for two-sided sorting



Disk Sorter

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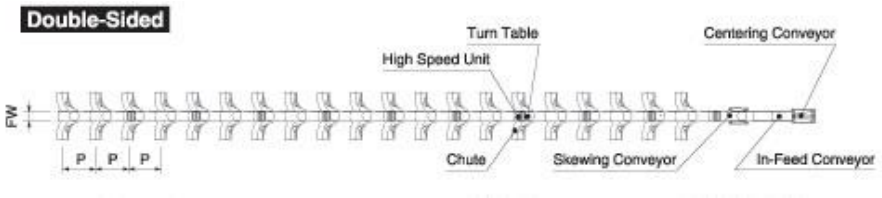
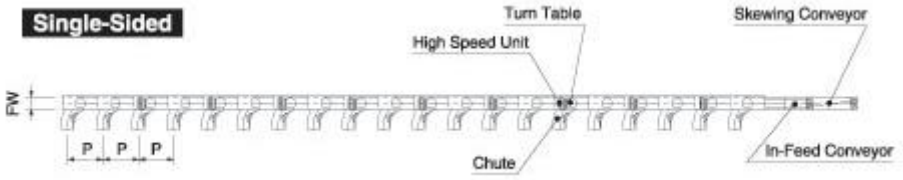
Specifications

Sorting method		Turntable method	
Turntable dimensions		Ø450mm	Ø600mm
Sorting capacity		Max. 3,000 cases/hr.	Max. 2,700 cases/hr.
Speed		MAX.70m/min	
Sorting direction		Two-sided sorting, single-sided sorting	
Width		500mm	630mm
Belt width		450mm	580mm
Branch device carrier rollers	Diameter	Ø48.6mm	
	Pitch	65 mm (inside turnable, 62.5 mm)	65mm
Maximum number of sorting chutes		Single-sided branching: Max. 20 chutes Two-sided branching: Max. 40 chutes	
Minimum chute pitch		1,950mm	2,100mm
Transported products	Dimensions	150-400(W) x 200-700(L) x 50-600(H)mm	150-600(W) x 200-700(L) x 50-600(H)mm
	Weight	0.5 to 30kg	





Carbel Sorter (Cross Belt Sorter)

Features

(1) Sorting of various small items
(2) Large number of sorting chute
(3) Two-sided sorting
(4) Compact, simple mechanism
(5) Gentle sorting

Carbel Sorter (Cross Belt Sorter)

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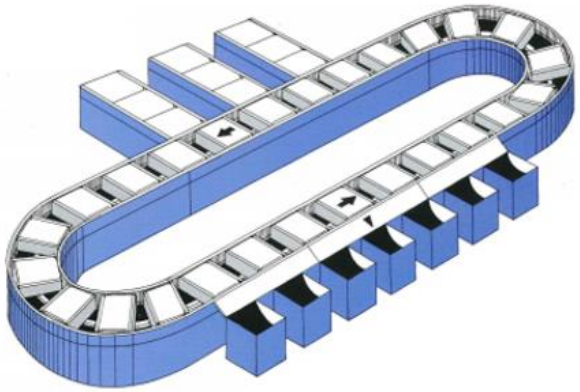
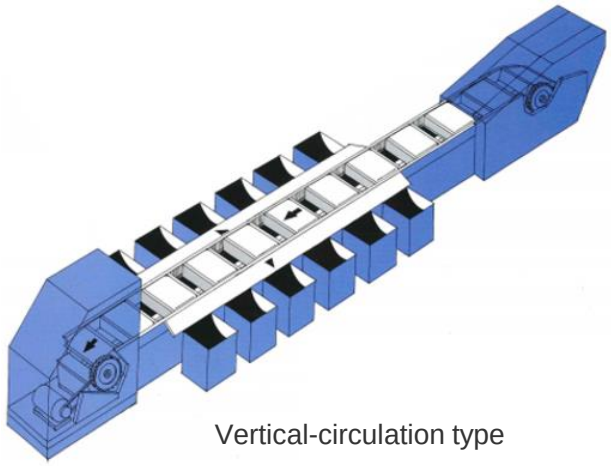
Specifications

Model		Horizontal-circulation type	Vertical-circulation type	
		H model	ST model	WB model
Sorting capacity		Max. 7,700 items/hr. (Speed: 90 m/min.)	Max. 6,000 items/hr. (Speed: 61 m/min.)	
Cart belt width		400mm	390mm	490mm
Cart pitch		700mm	610mm	
Sorting pitch		MIN.700mm	MIN.600mm	MIN.700mm
Minimum curve		R1100	-	
Length		100m (1 drive)	50 m (1 drive)	
Width		MIN.1,000mm	MIN.950mm	
Transported products	Dimensions	MIN.60(W) x 60(L)mm MAX.300(W) x 400(L)mm		MIN.60(W) x 60(L)mm MAX.400(W) x 400(L)mm
	Weight	MIN.10g, MAX.5kg	MIN.10g, MAX.10kg	



Horizontal-circulation type



Vertical-circulation type

Other Sorting Systems

Baggage Handling System at the airport

Parcel Handling System at courier center

Picking System

Features

We can provide various picking system according to the applications.

(1) Automatic picking
(2) Single picking
(3) Light to pick picking
(4) Total picking

Automatic picking equipment

Digital picking

Light to pick picking

Handheld terminal picking

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Thank you for your attention.