

EFFECTIVE CURVE CONVEYOR
FOR SMALL AND PRECIOUS
PRODUCTS

SERIES **JP** RACER



RACER

EFFECTIVE CURVE CONVEYOR FOR SMALL AND PRECIOUS PRODUCTS

THE RACER FABRIC BELT CONVEYOR IS DESIGNED FOR SMOOTH AND CONSISTENT CONVEYING OF SMALL, FRAGILE AND/OR PRECIOUS PRODUCTS. THE RACER ALLOWS A RELIABLE TRANSFER IN CLOSE TOLERANCE SITUATIONS AND IS ALSO APPROVED FOR CONVEYING FOOD PRODUCTS.

With its very thin and flexible fabric belt, this conveyor can be used in the following applications: bakeries, the chocolate industry, chemical industry, chips industry and in the conveying of small products. The Racer is orderly and consistent in packing and other operations.

TECHNICAL SPECIFICATIONS

Belt material	Flexible Polyurethane, connected by elastic strips at drive chain
Frame material	Stainless Steel
Frame finish	Glass blasting
Drive chain	Mild Carbon Steel
Drive sprocket	Stainless Steel
Nose radius	6 mm
Available belt width	200 up to 1400 mm
Available angle	45° to 180°
Inner radius	200 -1200 mm
Max. belt speed	45 mtr/min (R3 outer radius)
Load	10 kg/m ²
Temperature range	-30° to 100°C
Drive method	Sprockets (positive driven)

BELT DATA RACER

Curve model	Racer
Belt code	RTSD
Material	Poly Urethane
Colour	White or blue
Belt structure	Fabric belt

- **KNIFE EDGE**
- **CORRECT PRODUCT LINE-UP**
- **SMOOTH BELT SURFACE**
- **LOW NOISE LEVEL**

OPTIONS

- MOTOR DRIVE
- SCRAPER + COLLECTION TRAY
- LEGS (ON REQUEST WITH WHEELS)
- BELT LIFT WITH QUICK BELT TENSION RELEASE



CURVE CONSTRUCTION

Model	Standard
Curve Type	RTSD
Material Drive chain	Carbon Steel
Material Chain wheel	Stainless Steel
Material Frame	Stainless Steel
Material Main Bearing	Stainless Steel
House Main Bearing	Plastic
Bolts & Nuts	SS A2



BELT WIDTH (MM) VERSUS INNER AND OUTSIDE RADIUS

Outside Radius >

	2200	2000	1800	1600	1400	1200	1000	800	600
200							800	600	400
400				1200	1000	800	600	400	200
600			1200	1000	800	600	400	200	
800	1400	1200	1000	800	600	400	200		
1000	1200	1000	800	600	400	200			
1200	1000	800	600	400	200				Other sizes on request

PERFORMANCES

Model	Standard
Curve Type	RTSD
Load maximum (kg/m ²)	10
Max. belt speed outer radius R3 V-M/min	45
Standard Angle°	90-180**
Connector belt/chain	Elastic strips
Food guidelines	FDA/USDA
**Other angels on request	



CONVEYORS TO IMPROVE YOUR EFFICIENCY

JONGE POERINK CONVEYORS DESIGNS AND BUILDS CONVEYORS TO OPTIMISE YOUR PRODUCT FLOW. BASED ON MORE THAN 80 YEARS OF EXPERIENCE IN INNOVATING EFFICIENCY, OUR CONVEYORS HELP TO OPTIMISE THE THROUGHPUT OF YOUR PRODUCTION LINE AND IMPROVE YOUR YIELD.