

## DRC Cross- Chain Conveyors

The DRC Cross Chain Deflector conveyors are special conveyors used to change the direction of pallets or large loads by 90 degrees.

In a cross-chain system, one of the conveyors is raised or lowered to allow the deposition of the load on a cross conveyor. Depending on application either the chain or roller conveyor is fixed while the other is raised or lowered.

Extensive use of control elements such as PLC's, optical sensors and other controls are used for an automated operation with safety interlocks.

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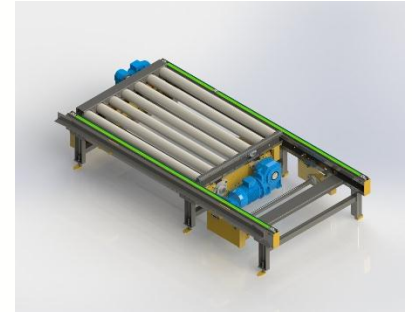
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# DRC Cross- Chain Conveyors

## Features

The DRC family features a flexible and reliable all electric system using R89DS galvanized 89 mm rollers mounted on a precision made frame. Rollers are set low for guided transport of goods smaller than the conveyor's nominal width. A mechanism raises or lowers the rollers



The frame can accept many accessories such as guide rails, end stops, and can also be coupled through butt coupling plates to other conveyors such as the RDS family of live roller conveyors, and CHT heavy duty chain conveyors.

## Characteristics

The DRC family of conveyors uses R89DS rollers with female threaded shafts and a chain conveyor mounted at 90 degrees to the roller conveyor axis..



The heavy duty precision side frames are made of heavy gauge sheet metal.

A mechanical raising and lowering mechanism will deposit the load on the cross-chain conveyor and clear the undersurface for the pallet to move in the perpendicular direction..

## Applications

These heavy duty conveyors are used for changing the direction of unit goods such as pallets, boxes, cartons, unit loads with a flat contact surface in warehouses and production floors.



They are usually used in conjunction with RDS live roller conveyors and CHT chain conveyors and operate under the control of a PLC controller fitted with the appropriate sensors and interlocks..

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## Specifications

Loading Capacity	14,000 N/m
Roller Diameter	89 mm.
Roller Pitch	150 mm.
Linear Speed	Max 15 m/min.
Paint	Electrostatic Epoxy Powder RAL 7035

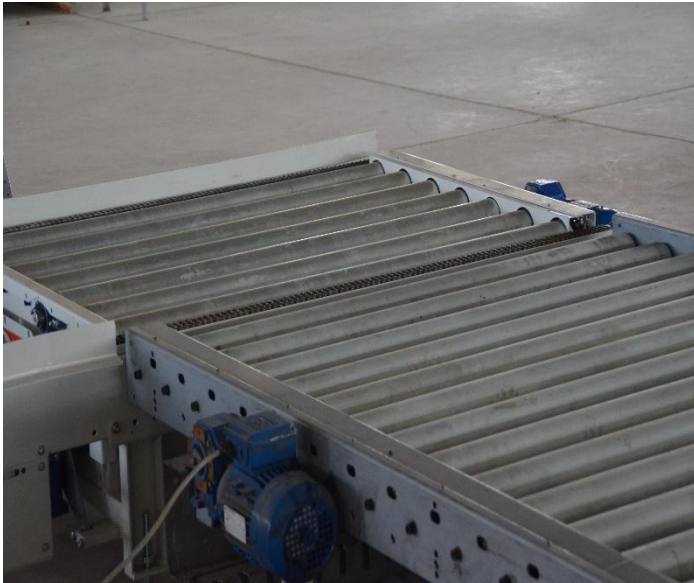
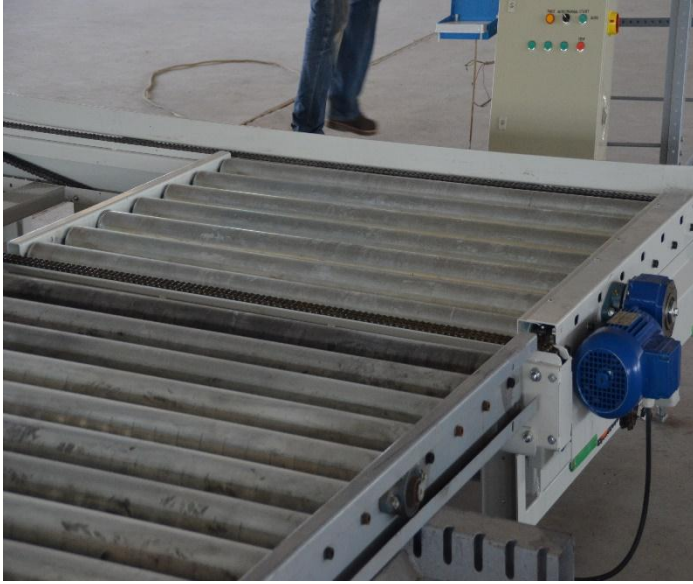
### Dimensions

Standard Section Length	2490
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Under-Trussing	No
Cross Bracing	No
Butt Coupling	Yes
End Stops	Yes
Guard Rails	Yes
Push Button Station	Yes
Optical Switches and Controls	Yes



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