

IntelliROL® Wheel Diverter

IntelliROL 30-degree wheel diverter

TGW Systems IntelliROL (ITR) wheel divert allows product to be diverted off the main line to a 30° spur using pop up wheels. Product will always need to be edge aligned to the divert side prior to diverting.

Adjusting the speed control for individual motorized rollers in the attached spur will assure proper speed required to smoothly transfer the product off the main line.

The wheel divert is intended for single location diverting only. Using multiple wheel diverts may require additional gap due to gap erosion when conveying and tracking product on roller conveyor. Spur and abutting bed length are determined by the width of the conveyor.

4 Rows, 2-1/4" diameter wheels driven by round belts from a motorized roller. Each divert wheel row is mounted to pivoting weldment assembly which rises up with actuation of an air cylinder. With using the two solenoid option, two wheel rows are controlled by a separate solenoid. The four solenoid option allows for independent control of each solenoid which controls one wheel row. This method will provide smaller gaps and increase the throughput rate.





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Adjustable speeds between 25 FPM to the maximum speed of 180 FPM.

Transportation conveyor based on the CBM-105 drivercard, FE-60 motorized roller and ITR CB Electrical Components.

FEATURES:	BENEFITS:
Modular design	Easy to reconfigure
Run on demand	Less noise, wear, and energy
Low voltage	Safety and lower cost
Simple Installation	Lower cost
Variable speed	Versatility to suit each requirement
Four rows of high-friction divert wheels	Reliability of divert, maintains product orientation
Modularity of divert mechanism	Allows easy re-configuration of system

TGW Systems is a worldwide leading supplier of highly dynamic automated equipment used to transport a wide variety of products. TGW Systems manufactures one of the industry's highest quality conveyor and sortation technologies which are sold through a network of factory trained authorized Distributors, who partner with TGW Systems to strengthen their efforts of providing a complete integrated logistical package that meets the end user's needs.



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