

# IntelliROL<sup>®</sup> Motorized Roller Conveyor - MDR

## Flexibility, reliability and functionality

TGW Systems IntelliROL motorized-roller conveyor sets the standard in material handling flexibility. Its key is the use of a motorized roller that powers each zone or segment of the conveyor. A truly modular system that can be completely customized to meet your current requirements, IntelliROL can be easily reconfigured to address your future needs.

The unique CRUZ<sup>®</sup> frame design, with rollers mounted low, provides total protection for the electronic components that are pre-mounted and pre-wired at the factory. An optional conveyor shroud encloses the frame and provides additional protection for the electrical components.

For the highest level of versatility and features that positively contribute to a quieter, more easily maintained system, put the power of TGW Systems IntelliROL to work for you.

Plug-in installation with pre-wired beds, and pre-tested controls minimizes system start-up time. Run-On-Demand, the inherent ability to turn on an IntelliROL motorized zone only when needed, conserves energy, reduces noise levels and greatly increases component life.

Smart driver cards and photo-electric sensors can be configured for transportation, accumulation and work-in-process operations without the need to add additional controls processors. Driver cards and photo-electric sensors come pre-wired, suitable for PC or PLC control, or with local logic.





## IntelliROL® - MDR

Highly versatile, easily configured, pre-wired conveyor sections driven by motorized rollers. IntelliROL is pre-engineered to meet specific performance requirements, with many standard accessories available, such as this bi-directional urethane belt transfer.

FEATURES:	BENEFITS:
Run-on-demand	Quiet operation, low energy consumption
Few moving parts	Reduced maintenance cost, less noise
Standard software routines	Rapid start-up, reliability
Many proven accessories	Application-specific
Low profile	Minimal space requirements
Standard modular construction	System easily reconfigurable
Unique frame design	Total electronic component protection
Electronic sensing	No minimum weight restriction
Pre-mounted and pre-wired electrical components	Economical, easy installation

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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