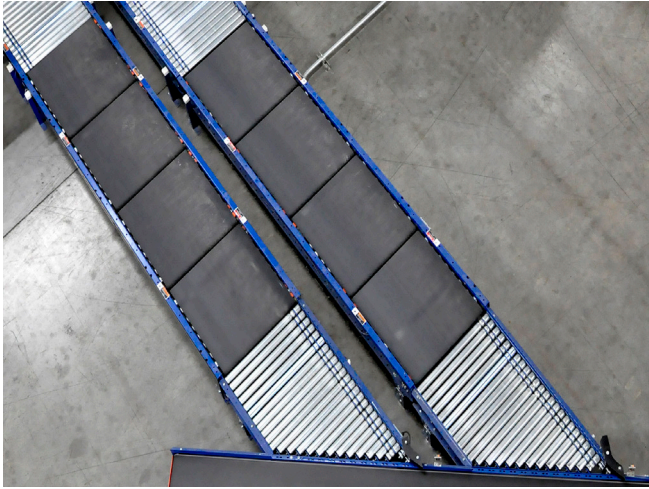


CUT SHEET

IntelliROL Full Width Belt Motorized Roller Conveyor (MDR)



MHS CONVEYOR FULL WIDTH BELTED MOTORIZED-ROLLER (MDR) CONVEYOR SETS THE STANDARD IN MATERIAL HANDLING RELIABILITY.

The maximum product weight of 50lbs/ft or 75lbs/product and speed range of 10 speed setting 45fpm to 180fpm.

Its key is the use of a motorized roller that powers each belted 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® 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.

STANDARD SPECIFICATIONS

Bed Lengths

10'-0" max. with 24" or 30" zones

Bed Widths

Belted beds are available in 16", 22" and 28" BF only

Drive Rollers

ITOH FE-60 with a maximum of 30 Start/Stop cycles per minute. One drive roller and driver card per zone. Fitted with a poly-V sheave and belt to slave drive the end pulley roller.

End Pulley / Gap Rollers

1.9" O.D. 16 ga. plated shell with 7/16" hex spring loaded axle. Fitted with a poly-V sheave to be slave driven from the MDR. Mounted on 2.25" centers resulting in a 0.25" gap

Idler Rollers

1.9" O.D. 16 ga. plated shell with ABEC-1 precision bearing and 7/16" hex spring loaded axle. All rollers are mounted low in CRUZchannel on 3" centers.

Maximum Product Loading

Accumulation: 50 lbs. /ft. or 75 lbs. per product

Speed Limits

45 FPM up to 180 FPM

Orientation

Right hand and left hand flow is standard

Operating Temperature

Minimum +35°F to Maximum +100°F

Accessories

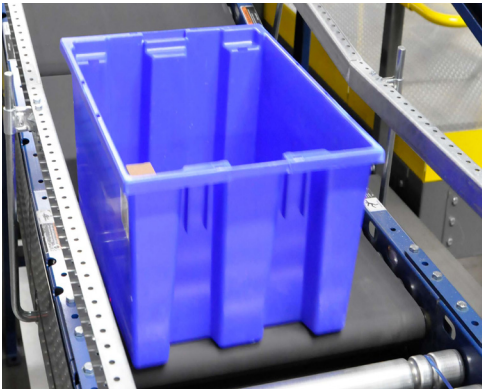
- Start PE Kit - Located at the charge end of the accumulation conveyor and starts the downstream accumulation zone. Kit can be factory or field mounted.
- Channel shrouding

Paint

Components located within the framework are painted black. All other components are painted job color. All MHS Conveyor paint is powder coated.

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

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
Full Width Belted Zone	Minimal gaps. Easy conveyance of smaller items

ABOUT MHS CONVEYOR

MHS Conveyor is a leading worldwide supplier of dynamic, high-quality automated conveyor and sortation technologies used to transport a wide variety of products. MHS Conveyor manufactures high-quality equipment, sold through a partner network of factory-authorized distributors as part of complete, integrated logistics solutions engineered to meet the needs of each customer.

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