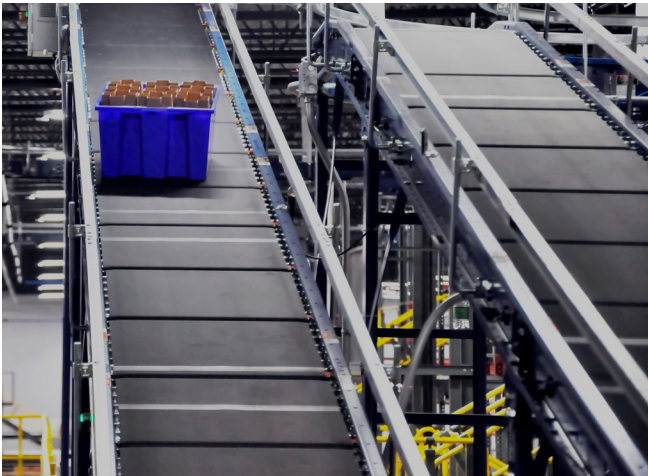
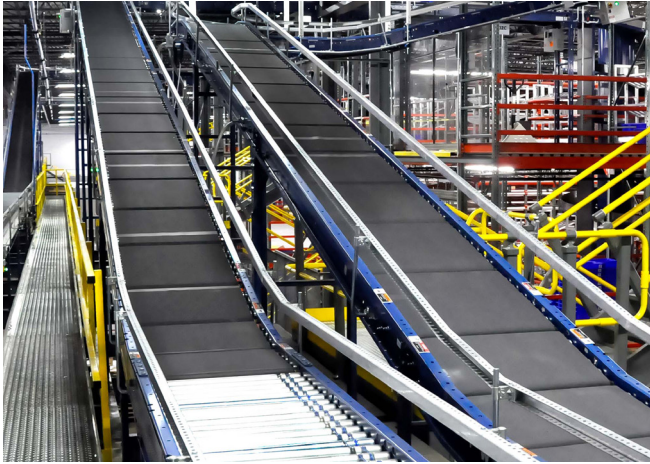


CUT SHEET

IntelliROL® Belted Decline Motorized Roller Conveyor (MDR)



MHS CONVEYOR INTELLIROL MOTORIZED-ROLLER CONVEYOR SETS THE STANDARD IN MATERIAL HANDLING FLEXIBILITY.

IntelliROL MDR 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® 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 MHS Conveyor IntelliROL product line to work for you.

STANDARD SPECIFICATIONS

Bed Lengths

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

Bed width

16", 22", & 28" BF Only

Drive Rollers

- ITOH FE-60 for declines, each with a maximum of 30 Start/Stop cycles per minute.
- One drive roller with a **holding brake** and one HB driver card per decline zone.
- Discharge MDR fitted with a poly-V sheave and belt to slave drive the end pulley roller.

Speed range

Adjustable at set points from 45 FPM to 130 FPM

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.

Carrying Belt

Single width black urethane; 0.05 belt thickness; width = BF - 3/4"

Maximum Product Loading

20 lbs. per carton. **Tote and other non-carton conveying applications require testing by MHS Conveyor.**

Decline Angle

Maximum decline angle is 12 degrees

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.

- CRUZchannel shrouds

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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IntelliROL® Belted Decline Motorized Roller Conveyor (MDR)



IntelliROL belted Decline

| Features | Benefits |
|---|--|
| Run-on-demand | Quiet operation, low energy consumption |
| Few moving parts | Reduce 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 restrictions |
| Pre-mounted and pre-wired electrical components | Economical, easy installation |
| Full-Width-Belt zone | Minimal gaps. Easy conveyance of smaller items |
| Decline belt ITR accumulation | Individual zone accumulation |
| | |

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.

MHS Conveyor Corporation

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