

CUT SHEET

XenoPRESSURE[®] XP43CZ



TRUE NON-CONTACT ACCUMULATION CONVEYS PRODUCTS HARMLESSLY.

MHS Conveyor XenoPRESSURE XP43CZ provides true non-contact accumulation and features photoelectric sensors and a pre-wired control system.

Zero-pressure zones guarantee that products will not touch one another during accumulation. This is extremely important where fragile products might require a safeguard. In addition, one product per zone allows singulated release. The unique design utilizes a quiet pressure pad assembly. Upon a signal from the zone sensor, a XenoBRAKE assembly raises against the underside of the carrying rollers, quietly and efficiently stopping and locking their rotation. This stops the product in that zone.

CRUZcontrol is MHS Conveyor patented electronic sensing design, featuring integral photoeye, solenoid valve and control module all pre-assembled at our factory. The local control logic is built-in, not added at installation, greatly reducing field wiring and implementation time and expense.

STANDARD SPECIFICATIONS

Bed Lengths

1'-6" to 10'-0" on zone length increments

Bed Widths

Beds are available in 16", 22", 28" and 34" BF only

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 approximately 1-3/16" low on 3" or 2" centers in the CRUZchannel. All rollers factory installed on CRUZchannel frames in standard widths.

Drive Belts

3/16" diameter urethane. 100% Spare drive belts are factory secured on the line-shaft for all 3" roller center beds

Line-shaft Assembly

1" diameter TG & P cold rolled steel, drive spools, coupler sprockets and chain coupling. Self-aligning, double set screw line-shaft bearings greased for life

Maximum Product Loading

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

Maximum Speed

The maximum speed for XP43 is 120 FPM

Orientation

Right hand and left hand flow is standard.

Temperature Range

+35F to +100F. Any requirements below +50F should be referred to the applications department for analysis. Additional HP may be required.

Accessories

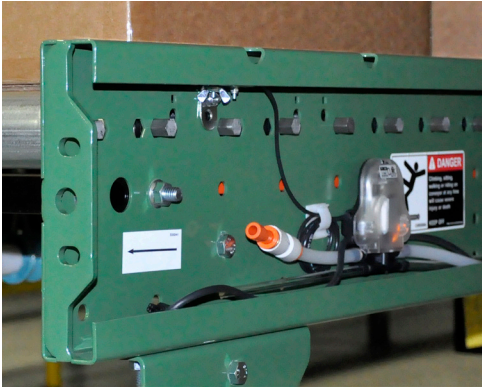
Welded butt connectors
Bolted butt connectors

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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Zero-Pressure Non-Contact Line-shaft Accumulation

Controls are protected by the CRUZ@channel profile and optional shrouds which easily snap into the side-channel.

Features	Benefits
Non-contact zero-pressure accumulation	Protection of fragile products from impact
CRUZcontrol electronic sensing	No minimum weight restriction
Cushioned pneumatic actuation	Quiet operation and increased component life
Factory pre-wired and tested control logic	Easy, fast installation reduces cost
Preset CRUZcontrol logic	Eliminates field programming to cut costs
Five year, 10,000 hour warranty	Peace of mind
Basic or progressive zone release	Product release rate matching application
24 volt CRUZcontrol	Reduced wiring cost
Modules are interchangeable with MHS Conveyor, NBC equipment	

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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