



VERSATILE, RELIABLE, AND QUIET LINE-SHAFT-DRIVEN LIVE ROLLER CONVEYOR

All XenoROL conveyors are economical to install and maintain because of their efficient drive design. The more complex the configuration of conveyors, transfers, and devices, the fewer drives are required in comparison to other types of material handling systems.

Universal joint connections allow curved sections, spurs, and transfers to be slave-driven without the need for additional motors.

XenoROL conveyor rollers are independently driven by pre-tensioned elastomeric belts, which pull the drive spools against the line-shaft. The clutch-like slippage of the spool permits accumulation without damaging products or components.

MHS Conveyor line-shaft conveyors and accessories are easily reconfigured to meet your current demands and future challenges. XenoROL systems are quieter than conventional conveyors due to the need for fewer drives and moving parts.

MHS Conveyor pioneered line-shaft-driven live roller conveyor, still the most versatile and economical conveyor available in material handling.

STANDARD SPECIFICATIONS

Bed Lengths

Beds are available on roller center increments from 1'-0" to 10'-0" for 3" & 2" centers and from 1'-0" to 9'-11.25" for 2.25" centers.

Bed Widths

Widths are available in 13", 16", 22", 28", 34" and 40" between the channels for the 4.5 channel frames and 16", 22", 28" and 34" between the channels for the CRUZ frame

Rollers

1.9" Diameter 16 Ga. plated shell with ABEC-1 bearings and a 7/16" spring loaded hex axle. Mounted high in 4.5 channels and low in CRUZ channels. Rollers are available in 3" or 2.25" centers in the 4.5 channel frame and 3" or 2" centers in the CRUZ frame. Rollers up through 22" BF for the 4.5 channel frame and through 34" BF for the

CRUZ frame are installed prior to shipping. All others are shipped loose.

Drive Belts

3/16" diameter urethane x 13.5" long (before welding). High drive belts are standard on most accessories to maintain the conveyor driving capacity. 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 XR40 is 150 FPM

Orientation

Right hand and left hand flow is standard. Driven sprocket/gear pulley location consistent regardless of flow direction.

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.

CUT SHEET

XenoROL® XR40



MHS Conveyor first decade in business was dedicated to engineering, patenting, and perfecting a new concept in material handling, a line-shaft-driven live roller conveyor. Startlingly unique at the time of its introduction, this material handling innovation is still the most versatile, and economical conveyor available to the material handling community.

Features	Benefits
Fewer drives and moving parts	Best value, quiet operation, energy efficient
High drive belts on curves, spurs and merges	Increased drive performance
Modular design	Easy to reconfigure the system
Drive spool slippage	Safe operation, reliable accumulation
Fewer motors required	Reduced operation, electrical and wiring costs
Add transfers, merges and curves without additional drives	Versatility, low cost, best value
Mix and match transportation and accumulation sections	Fewer motors / lower cost

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

1300 E. Mt. Garfield Road
Norton Shores, MI 49441
231.798.4547

mhs-conveyor.com

