

Moline Belt Trackers



Designed for automatic and continuous belt tracking during operation.

Moline belt trackers offer automatic, continual and efficient belt tracking throughout the production process. The pneumatically actuated, three-roller design provides effortless and continuous tracking of fabric belts, such as neoprene. Stainless steel construction provides efficient sanitation.

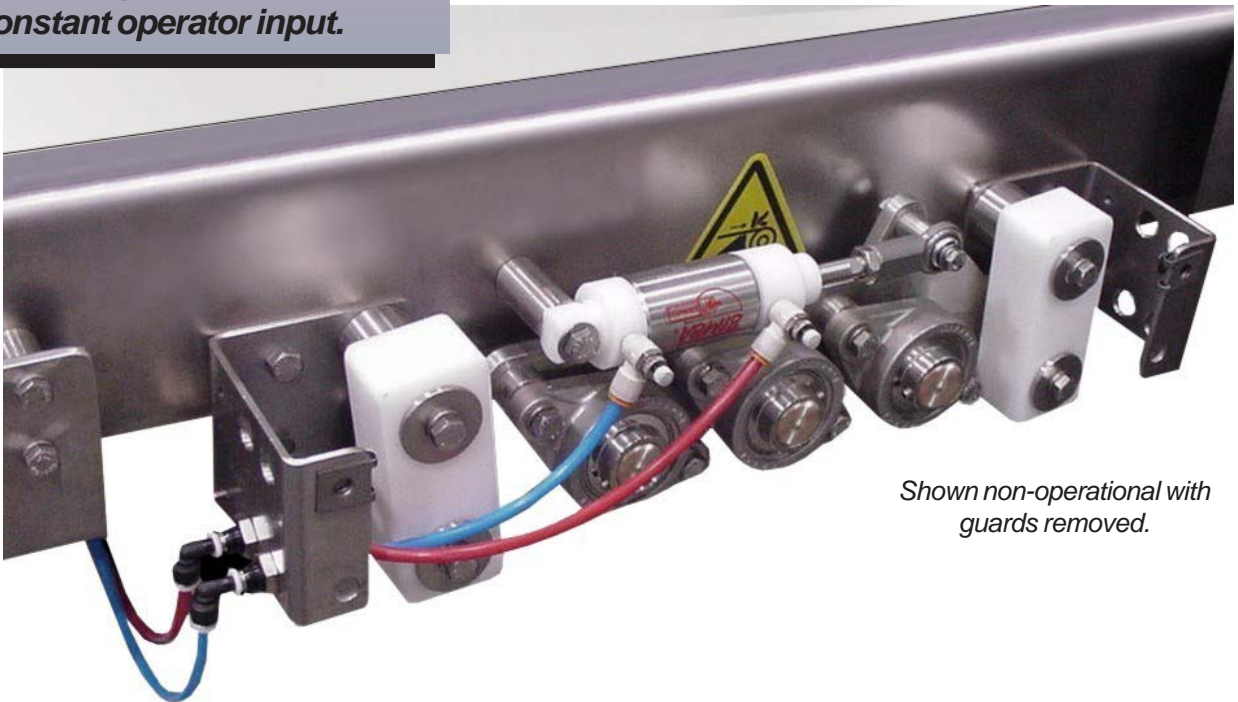
When the conveyor belt begins to move out of alignment, it contacts the belt tracker actuator, located beneath the conveyor bed. The actuator sends a signal to the air cylinder to shift the tracking rollers

and realign the belt. As soon as the actuator is not being contacted by the conveyor belt, the tracking rollers shift back into their original position.

One side of the belt tracker is stationary, while the other is active. Guards, installed on the active side of the belt tracker and beneath the rollers, prevent contact with pinch points.

The smooth, efficient action of the Moline belt tracker assembly is automatic - operator input is unnecessary. The belt moves smoothly down the conveyor without constant operator vigilance, resulting in less down time and higher efficiency during production.

- **Designed to accommodate conveyor widths of 24 to 60 inches.**
- **Automatic tracking provides efficient operation without constant operator input.**



Shown non-operational with guards removed.



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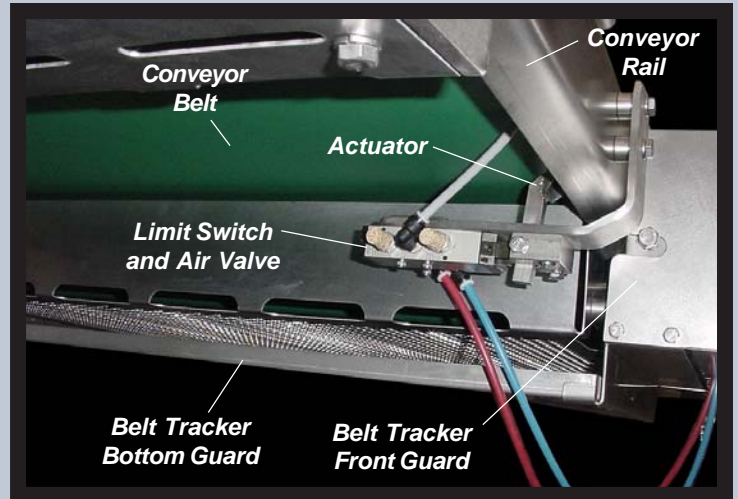


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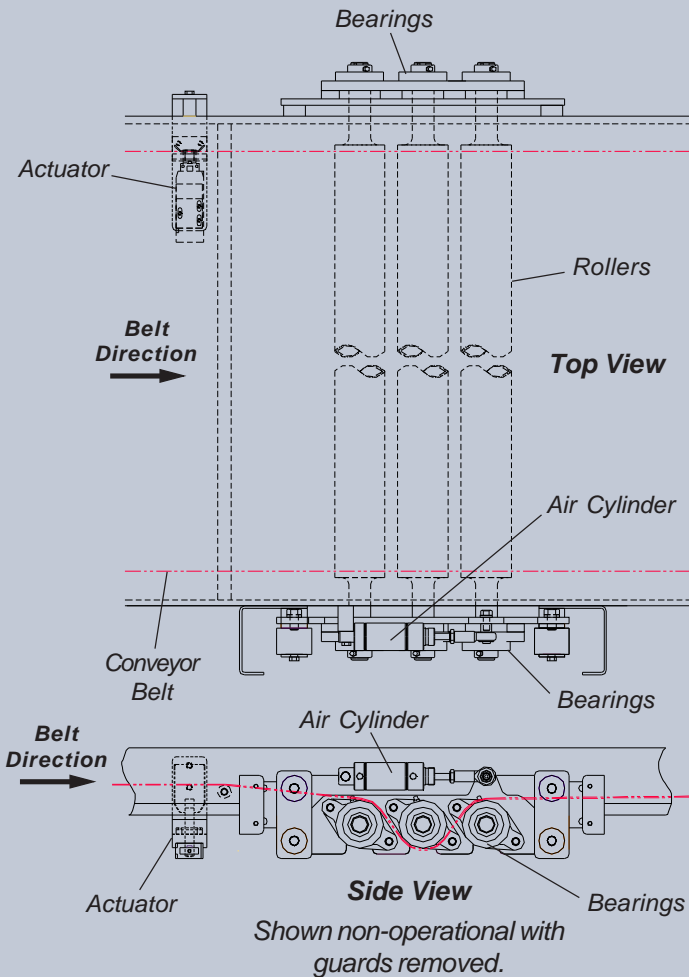
The belt tracker actuator is mounted beneath the conveyor bed (see photo at right) and can be located on either side of the conveyor. When the belt contacts the actuator it sends a signal to the air cylinder to shift the rollers to align the belt. A limit switch and air valve are also installed under the conveyor.

Pneumatic pressure is controlled at the air pressure regulator mounted near the tracker. Air lines run from the air source to the regulator, air valve and cylinder. Pneumatic requirements are 10 cfm @ 80 psi (4.7 liters/second @ 5.5 bar).

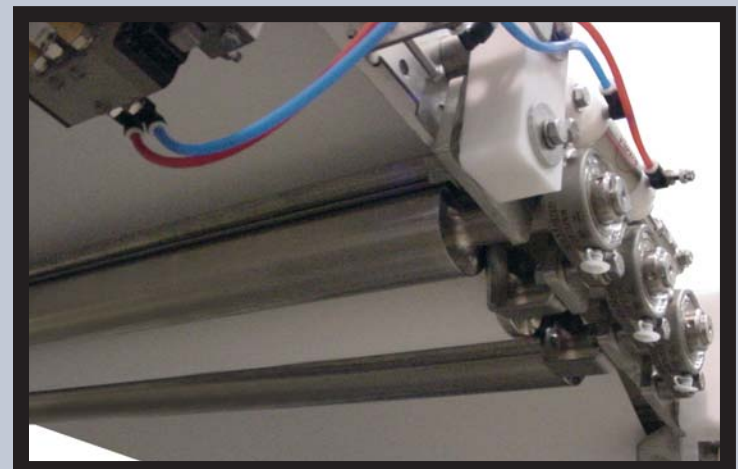
The belt tracker contains guards to prevent access to pinch points during operation. The front guard (shown below at right) is mounted over the air cylinder and shift mechanism. The bottom guard is mounted under the conveyor over the tracking rollers (shown above at right).



Belt Tracker and Actuator Beneath Conveyor Bed



Belt Tracker With Front Guard Installed



Tracking Rollers Beneath Conveyor Bed (Shown non-operational with guards removed)