

# LIFT BED - DIVERTER PLOW™

*Belt Cleaning System Allows for More Discharge Points*

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Complete Conveyor Solutions

The **Lift Bed - Diverter Plow™** is a pneumatically operated impact bed that lifts the conveyor belt from full trough to zero (0°) into a stationary diagonal plow. The urethane diagonal plow, which includes two Spring-shoc™ tensioners, enables the lift bed to apply the proper tension and not pinch or damage the belt.

This increases production and allows the belt to experience a limited amount of stress, eliminating the opportunity for premature wear and stretching.

**URETHANE DIAGONAL PLOW -**  
discharges material from either  
side of the belt.

**SPRING-SHOC™ TENSIONER**  
Unique design ensures optimal  
blade tension throughout the  
entire life of the blade.



**UHMW BARS -** are  
used to create a flat  
even surface for the  
diverter plow to fully  
contact the belt.

- **Excellent Performance** - allows users to fully clean and divert materials at designated locations.
- **Diagonal Plow** - discharges material from one side of the belt. It can be discharged on either side of the conveyor as specified by the customer during design.
- **Spring-Shoc™ Tensioners** - with impact absorbing rubber cushions ensure maximum tension is applied to clean all material from the belt.
- **Simple to Use** - can be automated by either the push of a button or set-up on a timer or PLC system.
- **Eliminates Pre-Mature Belt Wear and Stretching** - by allowing the belt to experience a limited amount of stress.
- **Designed** – with a rugged steel structure for the toughest of mining environments and conditions including such as those in asphalt, aggregate, coal and cement industries.



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