

SOLVING BELT MAINTENANCE CHALLENGES

Drop & Slide Idlers

Benetech's patent-pending Drop & Slide Idlers incorporate a retractable side support roller unit that is designed to provide access from a conveyor's serviceable side.

The unique design of this idler allows it to be installed where one side of the conveyor system may have very limited or no access thus preventing normal idler maintenance.

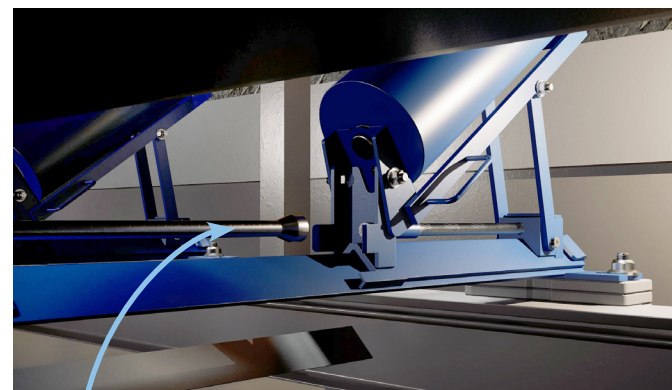
After removal of the "near side" and "center" rollers, the "far side" roller is lowered into a horizontal position using a lead screw. Then in a retracted position, the "far side" roller unit simply slides out from underneath the existing conveyor belt allowing for easy roller inspection or replacement.

- Great for constricted or partially blocked conveyor systems, such as, next to a wall or catwalk
- Most commonly placed in transfer point or load zone areas, but can be used anywhere on the carrying side of the conveyor belt



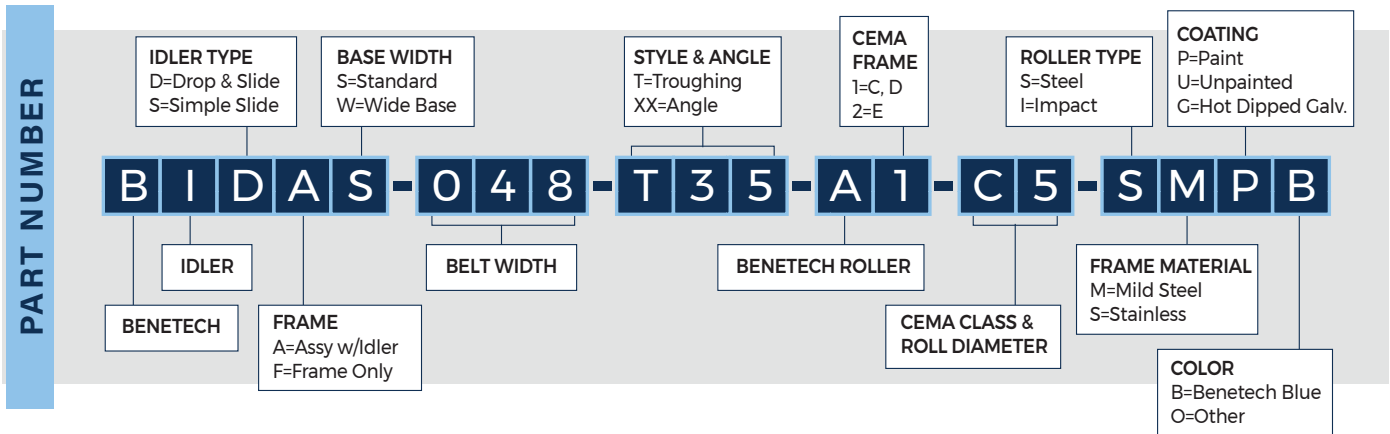
FEATURES & BENEFITS

- One-sided serviceability
- Maintenance time significantly reduced
- No need to raise belt or remove adjacent idlers to service or replace
- Available in 4, 5, 6, and 7 inch rolls
- CEMA rating B, C, D, E, or F
- Standard or wide base frames



Leadscrew lowers (and raises) the far side roller

Drop & Slide Idlers

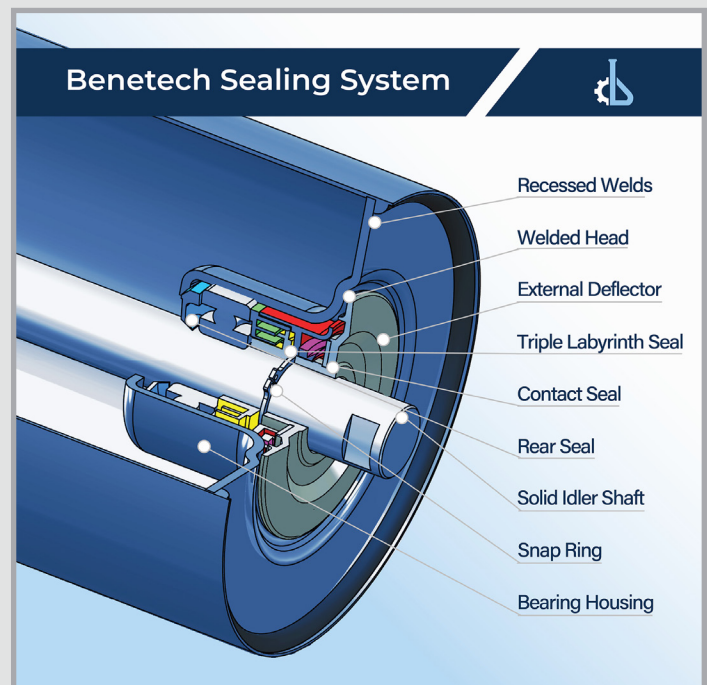


Roller Sealing System

TRIPLE LABYRINTH SEALING

Our sealing system prevents infiltration of material of particle sizes greater than 0.0625-in. The triple labyrinth seal consists of an external deflector, contact seal, and female/male labyrinth seals to create a longer pathway for dust and moisture to reach the bearing.

- **Recessed Welds** - Protects belt from wear with full thickness of the roller shell
- **Welded Head** - Designed to shed water, house inner workings, and create roll concentricity
- **External Deflector** - Uses centrifugal force to shed water and abrasive material
- **Contact Seal** - Protects against moisture, stone, and fine materials
- **Solid Idler Shaft** - Manufactured with 1045 cold-rolled steel and slotted shaft to secure roll to the frame
- **Triple Labyrinth Seal** - Bearing protector
- **Snap Ring** - Locks seals and bearing in a stationary position to reduce wear
- **Bearing Housing** - Creates air-tight seal for all working parts as the last line of defense and ensures perfect concentricity of all parts



RETROFITS OTHER COMMON ROLLERS

- No need to replace your current supply of rollers
- Our Drop & Slide frames are designed to retrofit most standard marketplace rollers



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